



U.S. General Services Administration

Quality Solutions

for a variety of products and services



Let us help you design and customize your next project!

- Facility Management Services
- Services
- Security Systems
- Power and Energy Management
- HVAC
- Food Service Equipment



*When self-service is just not enough, we're simply a phone call away.
Let us handle all the details for your next project. We'll take care of everything from start to finish!*

Benefits GSA offers:

- GSA Handles all Ordering
- Turnkey Support
- Flexible Ordering Options
- Project Management
- Multiple Funding Options
- High Quality Provider

Use these Generic NSN's:

6115-01-490-6449	Generator Sets
8465-01-490-2328	Law Enforcement & Security Equipment
3930-01-496-0409	Industrial & Commercial Forklifts
4110-01-496-0409	Industrial Refrigeration Equipment
7310-01-496-7242	Industrial Food Service Equipment

With this turnkey program, customers can order items under each category by submitting an AOE/AOS requisition with the applicable NSN and respective supplier/manufacturer's part number or model number in the exception field. It should be noted that prices on FED LOG are random prices and do not apply to any specific item.

Call Us Toll Free! 1-866-697-8068

GREATER SOUTHWEST ACQUISITION CENTER QUALITY SOLUTIONS

Finding the right solution to your products and services needs can be quite daunting. You have to find bidders, evaluate bids, make awards, and hope the product or service is delivered on time and is a quality product. It is even more difficult if you require a large system purchase.

Well, GSA has quality solutions for your requirements. It's called the Multiple Award Schedules Program. Through this program, GSA has done all the heavy lifting for you. We have met all the requirements of the Competition in Contracting Act, including determining price reasonableness.

As we continue to move forward, we are challenged to make the way you buy from GSA simpler, easier, and less expensive. To meet this challenge, the Greater Southwest Acquisition Center's Multiple Award Schedules Program has 6 schedules.

The Business Lines are:

- (1) Buildings and Building Materials/Industrial Services and Supplies*
- (2) Scientific Equipment and Services*
- (3) Food Service, Hospitality, Cleaning Equipment and Supplies, Chemicals and Services*
- (4) Total Solutions for Law Enforcement, Security, Facilities Management, Fire Rescue, Clothing, Marine Craft and Emergency/Disaster Response*
- (5) Advertising and Integrated Marketing Solutions*
- (6) Temporary Administrative and Professional Staffing Services*

The GSA Schedules Program is continually expanding with new products and services added each day to meet your changing needs. Wherever your funding comes from – however you meet the challenges that face you – use this catalog as a guide to meet your needs, now and in the times ahead !

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HOW TO USE THIS PUBLICATION

Within this catalog, you will see a combination of products and services in the following product/service areas:

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19	Marine Craft & Equipment
42	Firefighting and Rescue Equipment, Urban & Wildland
39	Warehouse Equipment & Supplies
46	Air & Water Purification Equipment & Sewer Treatment Equipment
49	Maintenance & Repair Shop Equipment with Related Environmental Products
54	Pre-engineered/Prefabricated Buildings & Structures
54	Above Ground Storage Tanks/Systems, Fuel Dispensing Units & Fuel Management Systems
56	Building Materials
66	Scientific Equipment and Services
61	Power Distribution Equipment, Generators, and Batteries
62	Solar Energy Systems, Energy Saving Lighting Products & Specialty Lighting
63	Alarm & Signal Systems
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736	Temporary Administrative & Professional Staffing Services

Begin by using this publication as a guide in the first stage of your selection process. To find contract award information, refer to the Schedules e-Library section. For additional ordering information, see the back of this catalog.

HOW TO LEARN ABOUT WHAT WE HAVE

GSA provides federal customers with the products, services, and programs to meet their supply, service, procurement, vehicle purchasing and leasing, travel and transportation, and personal property management requirements.

GSA Advantage!® – www.gsaadvantage.gov

GSA Advantage!® is the online shopping and ordering system that provides access to thousands of contractors and millions of supplies and services.

e-Buy – www.gsa.gov/ebuy

e-Buy, a component of **GSA Advantage!®**, is an online Request for Quote (RFQ) tool designed to facilitate the request for submission of quotations for a wide range of commercial supplies and service that are offered by GSA Schedule and Governmentwide Acquisition Contract (GWAC) contractors.

Schedules e-Library – www.gsa.gov/elibrary

Schedules e-Library is the online source for the latest contract award information for GSA and Department of Veterans Affairs (VA) Schedules, as well as Governmentwide Acquisition Contracts (GWACs).

Center for Acquisition Excellence – www.gsa.gov/centerforacquisitionexcellence

The Center for Acquisition Excellence (the Center) is available free of charge, 24 hours a day, 7 days a week to provide customer agencies and vendors with online training, including GSA Schedules and GWAC information.

GSA Global Supply – www.gsa.gov/globalsupply

The GSA Customer Supply Center (CSC) is the Federal Government's first choice for quality commercial products, with over 7,000 items in stock. You may place an order in one of several ways and pay with a GSA SmartPay® credit card or an AAC/DODAAC number.

Centralized Mailing List Service (CMLS) – www.gsa.gov/cmls

The Centralized Mailing List Service (CMLS) ensures that customers and vendors can easily access catalogs and brochures about product and service offerings, how-to manuals, quick-reference sheets, and GSA Schedules and GWAC guides. CMLS will ship the publications free of charge within three business days of the order being placed.

Customer Service Director (CSD) – www.gsa.gov/csd

GSA offers a worldwide network of knowledgeable Customer Services Directors (CSDs). Whatever the location there is a CSD to provide assistance, resolve a problem or answer questions. CSD's also host seminars on a variety of useful topics and are a valuable source of information on all of GSA's programs.

OFFICE OF COMMERCIAL ACQUISITION

Need help with specific product or service category? The acquisition centers provide products and services expertise while also assuring the best selection and value to our customer. The office is comprised of the following centers.

GSA Business Units	Telephone/Web Address
<p>Center for Facilities Maintenance and Hardware Includes tools, appliances, lawn and garden equipment, paints, sealants, and adhesives.</p>	<p>(816) 926-6760 www.gsa.gov/superstore</p>
<p>Enterprise GWAC Center (West) The Enterprise Governmentwide Acquisition Contract (GWAC) Center (West) offers efficient, responsive, and professional support for all Information Technology (IT) acquisition needs by awarding and managing the ANSWER, Millennia and co-managing the future Alliant contracts, addressing the entire spectrum of IT.</p>	<p>(877) 534-2208 www.gsa.gov/gwacs</p>
<p>Enterprise GWAC Center (Southwest) The Enterprise Governmentwide Acquisition Contract (GWAC) Center (Southwest) manages Millennia Lite and will co-manage the future Alliant contracts. These contracts are fully competed under Best Value Source Selection procedures allowing agencies to eliminate costly acquisition lead time and to focus on the mission.</p>	<p>(817) 574-2434 www.gsa.gov/gwacs</p>
<p>Small Business GWAC Center The Small Business Governmentwide Acquisition Contract (GWAC) Center manages a diversified portfolio of 8(a) STARS, Historically Underutilized Business Zone (HUBZone) and Small Disabled Veteran-Owned (VETS) and future Alliant SB set-aside contracts for information technology solutions. These are pre-competed, multiple award contracts with high-quality, small business industry partners.</p>	<p>(877) 327-8732 www.gsa.gov/gwacs</p>
<p>Greater Southwest Acquisition Center Provides products and services which include buildings and building materials, food service equipment, law enforcement, security, scientific equipment services, advertising and integrated marketing solutions, and temporary administrative and professional staffing services, and much more.</p>	<p>(817) 574-2660 www.gsa.gov/generalproducts</p>
<p>Information Technology Acquisition Center From desktop computers to programming support services, the Information Technology Center is an excellent technology resource.</p>	<p>(703) 605-2700 www.gsa.gov/itcenter</p>
<p>Management Services Center Includes the following services: Environment Services, Language Services, Logistics (LOGWORLD), MOBIS, and Energy Services.</p>	<p>(800) 241-7246 www.gsa.gov/mgmtservices</p>
<p>National Furniture Center Provides you with all of your furniture needs including office, household, and packaged furniture as well as floor coverings and telecommunications equipment.</p>	<p>(701) 605-9300 www.gsa.gov/furniture</p>
<p>Office Supplies and Administrative Services Provides products including writing instruments, paper, envelopes, boxes, as well as shipping and packaging services and much more.</p>	<p>(212) 264-0868 www.gsa.gov/osas</p>
<p>Services Acquisition Center Services include Professional Engineering Services, Government Employee Relocation, Express Delivery, Financial Asset, Audit Management, Business Information Services, GSA SmartPay® Charge Card Program, Marketing Media, and Public Information Services.</p>	<p>(703) 605-2774 www.gsa.gov/servicesacquisition</p>
<p>Vehicle Acquisition and Leasing Services Use AutoChoice, GSA's online vehicle ordering program to order vehicles. AutoChoice allows customers to compare vehicle models and get detailed contract pricing. Base prices and equipment options can also be viewed. AutoChoice will calculate the prices and give customers a price summary, which includes the GSA one percent (1%) surcharge..</p>	<p>(703) 605-CARS www.gsa.gov/vehicles</p>



SCHEDULE 56

BUILDINGS AND BUILDING MATERIALS/ INDUSTRIAL SERVICES AND SUPPLIES

Do you need a shelter, but do not have time to build it? Are you looking for a new door or lock? Is your industrial facility running at peak efficiency and in an environmentally friendly manner? Do you have the parts and pieces you need to distribute power more efficiently? GSA can provide all this and more.

PROGRAMS IN THIS SECTION INCLUDE:

Federal Supply Group	Program Subtitle
39	Warehouse Equipment & Supplies
46	Air & Water Purification Equipment & Sewer Treatment Equipment
49	Maintenance & Repair Shop Equipment
54	Pre-engineered/Prefabricated Buildings and Structures
54	Above Ground Storage Tanks/Systems, Fuel Dispensing Units & Fuel Management Systems
56	Building Materials
61	Power Distribution Equipment, Generators, & Batteries
62	Solar Energy Systems, Energy Saving Lighting Products, & Specialty Lighting

Available Items Include:



Warehouse/Utility Trucks	Above Ground Storage Tanks
Forklifts (Electric/Gas)	Fuel Dispensing Units
Material Handling Accessories	Fuel Management Systems
Spill Containment Units	
	Doors
Water Purification Equipment	Roofing Materials
Water Filtration Systems	Access Flooring
Sewage and Septic Treatment Systems	
	Solar Window Film
Wheel and Tire Equipment	Security and Bullet Resistance
Pressure Cleaners	Transparencies
Automotive Material Handling Equipment	Security Doors
Blasting Equipment	Lumber
Lubrication Equipment	
Recycling Equipment	Wallboard
	Windows
Prefabricated Structures	Plumbing/Bathroom Fixtures
Outdoor Smoking Shelters	Space Heaters
	Portable Light Towers
	Generators
	UPS's
	Batteries
	Chargers
	Surge Protectors

**FSC Group 39:
Warehouse Equipment and Supplies**

SIN	Description
357-09B	Pallet Truck – Walk Behind, Powered and Non-powered
357-02	Warehouse Trucks & Tractors, Self-Propelled
357-03	Hand Trucks and Mail Carts, Non Self-Propelled
357-04	Platform Trucks, Non Self-Propelled
357-05A	Utility Trucks and Accessories
357-05B	Utility Trucks, Non Self-Propelled, Shelf Design
357-08	Dock Plates, Boards, Ramps, and Bridges
357-09C	Pallet Truck – Ride Design
357-10A	Pallets – Including plastic, composite, steel (Excluding Wooden)
357-10B	Containment Pallets
357-10C	Spill Containment Units, including drive-on berms, drum overpacks
357-11C	Warehouse Equipment and Supplies, including material handling accessories, such as stretchers, strapping, sealer, sealing iron, load binder, cord, twine
357-98	Ancillary Services relating to Material Handling Equipment, including services for set-up, start-up operator instructions/training EXCLUDES CONSTRUCTION
357-99	Introduction of New Products/Services, relating to Warehouse Equipment and Supplies and Services, including Material Handling Equipment, Scaffolding and Forklifts
361-01	Scaffolding And Accessories. SET ASIDE FOR SMALL BUSINESS
361-04	Work & Service Platforms, Adjustable Height Manual
361-05	Work & Service Platforms, Adjustable Height
629-01A	Electric Forklift – Sit Down, Rider Design, 3 & 4 Wheel
629-01B	Electric Forklift – Stand Up, Rider Design, Order Selector
629-01C	Electric Forklift – Walk Behind, Walkie Stacker, Walkie Straddle, Walkie Reach



629-01D	Electric Forklift – Narrow Aisle, Rider Reach, 2X Rider Reach, Wheel Turret, Specialty Truck
629-02A	Gasoline Powered Forklift, Cushion Tire
629-02B	Gasoline Powered Forklift, Pneumatic Tire
629-03A	LPG Powered Forklift, Cushion Tire
629-03B	LPG Powered Forklift, Pneumatic Tire
629-04A	Diesel Powered Forklift, Cushion Tire
629-04B	Diesel Powered Forklift, Pneumatic Tire



**FSC Group 46:
Air and Water Purification Equipment and Sewer Treatment Equipment**

SIN	Description
641-1	Water Purification Units – Water Treatment Systems designed to capture, clean, re-use or pretreat wastewater. These commercial units should remove contaminants (such as oil, soluble oil, grease, & soil) from a waste stream & then automatically store the cleaned water for re-use. The units treat water from high-volume, stream or pressure cleaning operations, such as motor pool cleaning, road maintenance equipment cleaning & tool parts cleaning. Also Feeder System Units, consisting of one or more pumps, with or without injector connections, hose & necessary fittings. Designed to introduce chemicals or chemical solutions used for water purification purposes.
641-2	Water Filtration Systems, including units that filter out harmful bacteria and parasites using replaceable filter media; units prepare water for consumption by persons without access to safe water supplies

- 641-6 Sewage Treatment Equipment—Consisting of equipment for a sewage treatment facility and/or pretreatment of sewage wastewater generated by a small municipality. Septic Treatment Systems consisting of Septic Tanks, Distribution station, lateral field plumbing station & all associated fixtures.
- 641-8 Installation and Maintenance Services - Relating to Air and Water Purification Equipment. On-Site installation and maintenance of equipment purchased under the GSA Schedule Contract. EXCLUDES CONSTRUCTION
- 641-9 Air Purification Equipment and Supplies - Including air quality monitoring systems for buildings, air cleansing systems.
- 641-99 Introduction of New Products/Services Relating to Air and Water Purification Equipment.

**FSC Group 49:
Maintenance and Repair Shop Equipment, Automotive and Cleaning Equipment with
Related Environment Equipment**

SIN	Description
253-2	Wheel & Tire Equipment – Including, but not limited to Alignment Equipment, Wheel Balancing Equipment, Brake Service Equipment and Tire Changing Equipment
253-19	Diagnostic Equipment – Including, but not limited to Dynamometers, Multiple function testing and analyzing units, or handheld units
253-20	Automotive Material Handling – Including, but not limited to Engine Hoists, Jacks, Lifts, and Engine Stands
253-24	Lubrication Equipment
253-39	Air Compressors – Including single or multi-stage compressors, electric
253-40	Related Environmental Equipment and Services – Includes Refrigerant Recycling, Anti-freeze coolant recycling, Auto/Truck Filter Crushers, Auto Hydraulic Oil Recyclers, Waste Oil Refining Units, Aerosol Can Recycling Units, Drum Crushers and Solvent Recycling Service
253-46	Miscellaneous Maintenance & Repair Shop Supplies
253-47	Vehicle Wash Systems – Powered Gantry and Drive thru type



253-48A	Pressure Cleaners – Underwriters Laboratories (UL) 1776 Certified
253-48C	Pressure Cleaners – Not UL-1776 Certified
253-49	Automatic Cleaning Machines & Parts Washers – Recirculating, agitating, dipping type, or ultrasonic
253-50	Blasters and Media – Includes Sand/Glass, Bead/Grit, or Non-hazardous
253-51	Spray Paint Equipment and Booths – Air and Airless Spray Equipment
253-52	Miscellaneous Abrasives, including but not limited to Discs, Belts, Cloths, Paper, Wheels, and Stones
253-90	Ancillary Services (services necessary to install the system, maintain the system or training). EXCLUDES CONSTRUCTION
253-91	Lease/Rental or Maintenance and Repair Shop Equipment – Leasing and servicing of products already covered under this contract
253-99	Introduction of New Services/Products

**FSC Group 54:
Pre-engineered/Prefabricated Buildings and Structures**

SIN	Description
361-10	Pre-Engineered Buildings including accessories and options
361-10A	Pre-assembled/ Prefabricated Modular Buildings including but not limited to Utility Buildings, Storage Buildings/Sheds, Site Shelters and Chemical Containment Storage Buildings
361-10B	In-Plant Offices, Prefabricated Modular Wall/Partition Systems and Enclosures, Mezzanines and Wire Partitions including accessories and options
361-10C	Precast Concrete Buildings including accessories and options
361-10D	Military Shelters and Container Systems and related accessories/options including but not limited to Military Vans, Expandable Shelter Systems, Operations/Command Centers and Command Post Systems

- 361-10E Modular/Mobile Office Buildings and accessories/ options including but not limited to office and classroom use.
- 361-10F Tension Fabric Structures and Canopies and Other Membrane Structures including accessories/options.
- 361-10G Guard and Security Buildings/ Booths/Houses/Shacks/Shelters (with or without Bullet Resistance) (Excludes Precast concrete types)
- 361-10H Restroom and/or Restroom Shower Buildings including accessories/options, portable or stationary (Excludes Precast Concrete Types)
- 361-11 Smoking Shelters/Rooms, Bus/Passenger Shelters including accessories and options (Excludes Precast Concrete Types)
- 361-30 Ancillary Services related to Pre-Engineered/Prefabricated Buildings and Structures— Includes field assembly, training, consultation, design assistance. EXCLUDES CONSTRUCTION.
- 361-32 Installation and Site Preparation Services for Pre-Engineered/Prefabricated Buildings and Structures
- 361-50 Leasing and/or Rental of Pre-Engineered/Prefabricated Buildings and Structures
- 361-99A Introduction of New Products/Services of Pre-Engineered/Prefabricated Buildings and Structures



**FSC Group 54:
Above Ground Storage Tanks/Systems, Fuel Dispensing Units and
Fuel Management Systems**

SIN	Description
361-20A	Above Ground Storage Tanks and/or Systems – Protected, Single Compartment or SingleTank including Parts & Accessories. SET ASIDE FOR SMALL BUSINESS
361-20B	Above Ground Storage Tanks and/or Systems – Protected, Dual Compartment or DoubleTank including Parts & Accessories. SET ASIDE FOR SMALL BUSINESS
361-21A	Above Ground Storage Tanks and/or Systems - Fire Resistant, Single Compartment or SingleTank including Parts & Accessories. SET ASIDE FOR SMALL BUSINESS
361-21B	Above Ground Storage Tanks and/or Systems – Fire Resistant, Dual Compartment or DoubleTank including Parts & Accessories SET ASIDE FOR SMALL BUSINESS
361-22A	Above Ground Storage Tanks and/or Systems – Non-Vaulted, Single Compartment or Single Tank including Parts & Accessories. SET ASIDE FOR SMALL BUSINESS
361-22B	Above Ground Storage Tanks and/or Systems – Non-Vaulted, Dual Compartment or Double Tank including Parts & Accessories. SET ASIDE FOR SMALL BUSINESS
361-23	Above Ground Storage Tanks and/or Systems – Waste Oil, including Parts & Accessories. SET ASIDE FOR SMALL BUSINESS



361-24	Fuel Dispensing Units including Parts & Accessories
361-25	Fuel Management Systems/Units including Parts & Accessories
361-27	Ancillary Services Related to Tanks and/or Systems
361-28	Installation and Site Preparation for Tanks and/or Systems
361-29	Tank Monitoring System including but not limited to monitoring pressure level, tank level, leak detection, systems diagnosis, inventory control, vapor leaks, parts and accessories
361-99	Introduction of new Products/Services related to Above Ground Storage Tanks, Dispensing Units, and Fuel Management Systems



**FSC Group 56:
Building Materials**

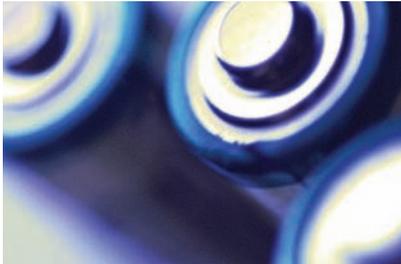
SIN	Description
563-2	Air & Cubicle Curtains, Blowers, Fans, & Air Barriers
563-3D	Wall Coverings
563-4	Roofing Materials, Products & Roofing Services
563-6	Access & Portable Flooring
563-7	Toilet Partition, Urinal Screens, Repair Panels, etc.
563-8	Erosion Control Fabric & Gabions
563-10B	Metal Doors
563-15	Solar Window Film
563-16	Security Film, Blast Mitigation, Bullet resistant, and Glass Fragmentation Products for Doors, Windows, and Walls Including Transparencies, Glazings, and Film Both Clear, & Tinted, One-Way
563-17	Security Doors and Security Windows with Blast & Bullet Resistant, Forced Entry, Ballistic Protection Plus Accessories
563-18A	Bullet Resistant Panels Metallic & Non-Metallic
563-19	Lumber (Treated and Untreated) Plywood, and Siding Material
563-20	Lumber and Fences (Plastic)
563-21	Wallboard Sheetrock (Gypsum)
563-22	Wood Doors & Door Frames
563-23	Doors and Shutters – Including overhead doors, garage doors, warehouse doors, screen door and storm doors
563-24	Windows, Residential and commercial

- 563-25 Lavatories, Bathtubs, Water Closets, Urinals, Showers, Fountains, Basins and Faucets— plumbing and bathroom components, fixtures, toilet seat cover dispensers, and toilet soap dispensers, drain traps
- 563-26 Tile — Floor , Wall, Ceiling, Grid and Solid Surfacing such as stone, cast brick, ledge stone, hearthstone, keystone, sill stone, address stone – including accessories such as associated hardware offered in conjunction with product
- 563-27 Space Heaters, Industrial and Commercial HVAC Units, Boiler Systems –including accessories such as Heating/AC filters. Excludes household air conditioners.
- 563-28 Electric and Gas Water Heaters
- 563-29 Building Supplies – Including wheelbarrows, Hardware, Chains, Locks, Duct/Electrical Tape, Weather Strip, Wire Fabric, Rubber Deck Covering, Sound Controlling Block, Insulation
- 563-30 Portable roadways, Airstrips, and Helipads – used in combat zones and impassable areas due to inclement weather for temporary or permanent use
- 563-98 Ancillary Services relating to Building Materials. EXCLUDES CONSTRUCTION
- 563-99 Introduction of New Products/Services relating to Building Materials

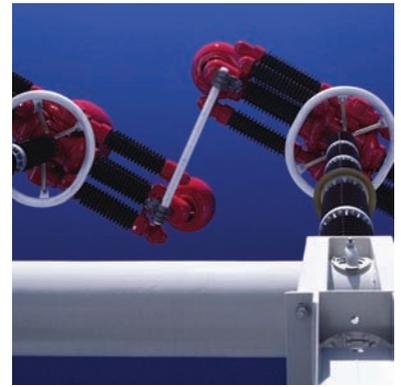


**FSC Group 61:
Power Distribution Equipment, Generators, and Batteries**

SIN	Description
383-1	Portable Generators ≤ 6kw, including parts and accessories
383-2	Portable, Standby, or Prime Generators > 6kw, including parts and accessories
383-4	Generator Transfer Switch(es), including options and accessories



383-5	Batteries, Rechargeable, and Battery Chargers Excludes Vehicular and storage Batteries
383-6	Batteries, Dry Cell, Non-Rechargeable
383-7	Batteries, Stationary
383-8	Batteries, Storage, Motive, Vehicle, Parts
383-9	Battery and Alternator Monitoring Systems; Battery Spill Containment Systems; Parts and Accessories
383-10	Portable Light Towers, including Gen-Sets and Batteries, parts and accessories
383-11	Lay Flat Extensions, Cable & Conduit Assemblies, Breakers and Extension Kits, Including parts and accessories
383-12	Rotary Motor Generators and UPS
412-1B	Battery Chargers, Automotive and Industrial Truck (Motive Power)
412-1C	Stationary Battery Chargers
412-2	Accessories for Battery Charger(s) under 412-1
412-3	Class I-SCP Sneak Current Protector, current limiting fuse rated at 350 milliamps, 600 volts



- 412-4 Telecommunications Surge Protection – Class II GTB Gas Tube Voltage Sensitive device that provides protection for equipment inside buildings against lightning strikes outside of buildings or near power or phone lines
- 412-5 Class III-SAS Silicon Avalanche Suppressor Device will directly shunt any voltage to ground within 10 nanoseconds
- 412-6 Wall Outlet Surge Suppression plugs into standard 3-prong wall outlet (60 hertz, single phase, 120 volt nominal)
- 412-7 Wall Outlet Surge Suppression plugs into standard 3-prong wall outlet (60 hertz, single phase, 120 volt nominal) includes EMI/RFI filtering in the range of 150 KHZ to 300 MHZ
- 412-8 Hard Wired Surge Protection and EMI/RFI Filtration Devices for use in power dist sys of 120 volt single phase and 208 or 380 volt phase. SET ASIDE FOR SMALL BUSINESS
- 412-9 Motor Controllers, Motor Control Centers. Soft starting for 3 phase and single phase electric motors. May include power management by power factor sensing; may include direct current brakes and solid state contactors
- 412-10 DC Regulated Power Supply
- 412-11 AC Regulated Power Supply
- 412-12 Line Conditioners
- 412-13 Inverters
- 412-14 Uninterruptible Power Supplies
- 412-14-1 AC/DC and DC/DC Converters and UPS'
- 412-15 Power Distribution Units
- 412-16 Frequency Converters
- 412-17 Switchgear, including electrical lockout devices
- 412-18 Panelboards, Switchboards, Load Centers, Metering
- 412-19 Transformers

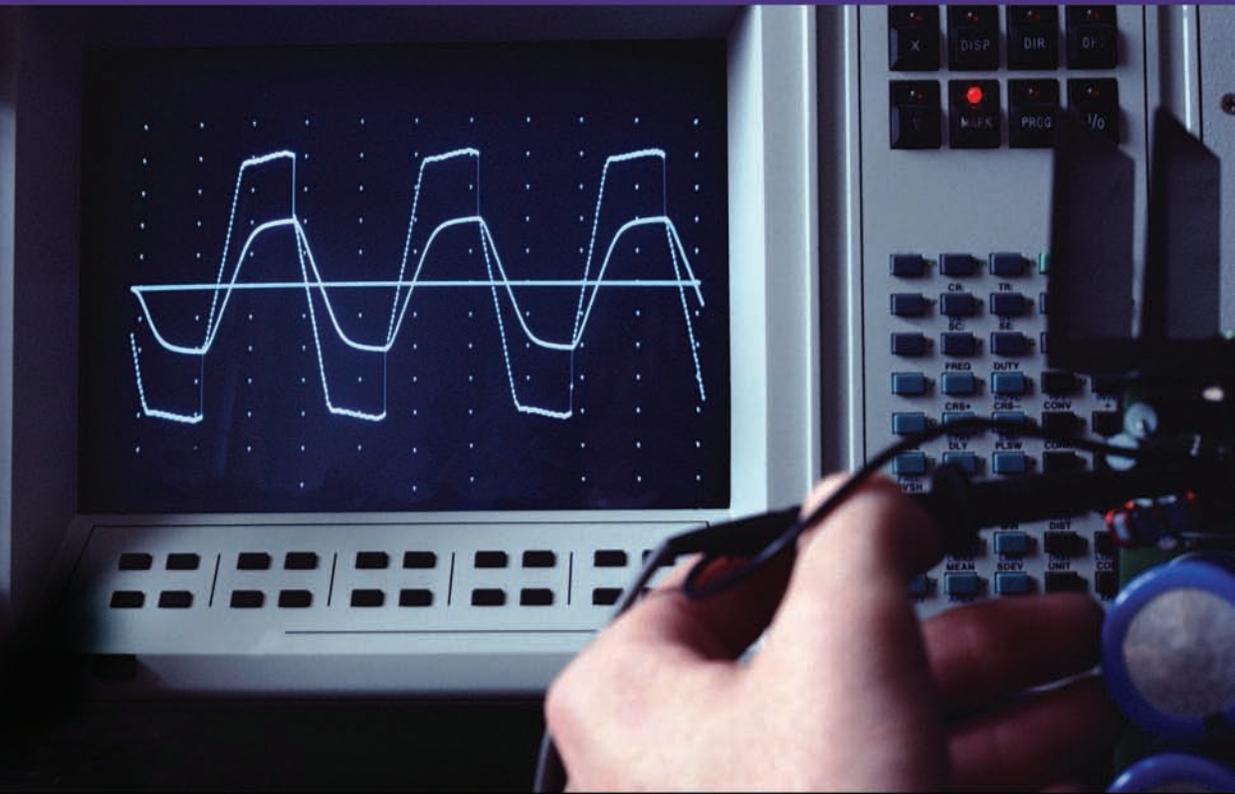
- 412-20 Electric Motors & Repair (excluding automotive), parts and accessories
- 412-21 Electrical, Voltage and Generator Controls, including Miscellaneous wiring, parts and accessories
- 412-50 Ancillary Services related to and ordered in conjunction with products purchased under a power distribution equipment contract, including services necessary to install a system, maintain a system, or training. EXCLUDES CONSTRUCTION, and person or monitoring services.
- 412-51 Installation Requiring Construction
- 412-52 Power Systems Engineering Support
- 412-99 Introduction of New Products/Services relating to Power Distribution Equipment, Generators, and Batteries



**FSC Group 62:
Solar Energy Systems, Energy Saving Lighting Products, and Specialty Lighting**

SIN	Description
206-3	Solar Energy Systems - Includes all types of solar energy products, such as prepackaged PV and solar thermal systems; solar outdoor lighting; solar water pumping systems; & solar water heaters
206-4	Fluorescent Lighting Fixtures and Accessories - Including Diffusers, Louvers, Recessed or Flush Mounted Electric fixtures, with or without reflectors
206-5	Fluorescent Lighting Reflectors – Including Retrofit Kits for existing fixtures
206-8	Lighting Sensor Systems – which operate as switches to turn lights on and off
206-9	Energy Saving Lighting Ballasts
206-11	Sodium & Metal Halide Lighting Fixtures, High Pressure and Low Pressure
206-12	Airport Lighting Approach strobes, runway & taxiway lights Permanent or portable
206-13	Energy Efficient and/or Environmentally Friendly Lamps (Light Bulbs)
206-14	Reading Lights – Including Bed and Desk Lights
206-15	Indoor Emergency Lighting
206-98	Ancillary Services Related to Solar Energy Systems, Energy Savings Lighting Products, and Specialty Lighting - Includes but not limited to design assistance, installation supervision, start-up services, systems integration, performance monitoring, maintenance & service agreements, training & consultation. EXCLUDES CONSTRUCTION
206-99	Introduction of New Services/Products - Items directly related to solar energy products, energy saving lighting products, or specialty lighting applications for which established category does not exist





SCHEDULES 66

SCIENTIFIC EQUIPMENT AND SERVICES

From unmanned aerial vehicles to measurement and testing equipment, GSA can support your electronic systems. Whether you are in the market for a Global Positioning System or just data collecting/sampling instruments, GSA has the latest technology available. Regardless of your Testing and Analysis services needs GSA can provide all of this and more. GSA provides one stop shopping for all your general purpose and specialized laboratory equipment needs.

PROGRAMS IN THIS SECTION INCLUDE:

Federal Supply Group

66

Program Subtitle

Test and Measurement Equipment, Unmanned Scientific Vehicles; Laboratory Instruments, Furnishings and LIMS; Geophysical and Environmental Analysis Equipment; and Mechanical, Chemical, Electrical, and Geophysical Testing Services

Available Services Include:

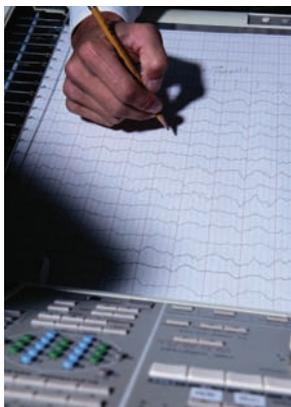


Test and Measurement Equipment
Unmanned Scientific Vehicles
Laboratory Instruments,
Furnishings and LIMS
Geophysical and Environmental
Analysis Equipment
Mechanical, Chemical, Electrical,
and Geophysical Testing Services

Geophysical and Environmental Analysis Equipment

SIN	Description
66 1015	Introduction of New Services/Products (INSP) - This SIN includes new or improved commercial services or products, or services or products that perform new tasks or procedures not currently available under any GSA contract.
66 501	Equipment Leasing - This solution offers customers an additional choice to purchasing. Examples of leasing programs available include, but are not limited to, Lease to Ownership (Capital Lease), Lease with Option to Own (Operating Lease), and Lease of a Solution.
66 502	Equipment Maintenance and Repair - This PSO offers customers the choice between hourly repair and annual service agreements. Examples of such PSO's include time and material service and fixed price per incident repair service.
66 503	Services and Product Support Options to Include Pre-Purchase Calibration, Post-Purchase Calibration, Extended Warranty and Service Agreements - The pre-purchase calibration category offers customers the option to upgrade standard calibration. Normally, all instruments are calibrated before shipment. Examples of such options include calibration to a military standard with or without test data and calibrations to a commercial standard with test data. The post-purchase calibration category offers customers the option of calibration services after purchasing and using the instrument. Examples of such options include standard calibration to manufacturer's own specifications and calibration for compliance with certain military or commercial standards with before and after data. The extended warranty category offers the customer an option to extend original equipment warranty for additional time periods.
66 507	Technical Training and Support - This PSO offers the customer an option to receive training in the use of the purchase equipment, and technical support to questions and problems. Examples of such PSO include on site or off site training, basic operator training, hardware and/or software training, installation training, and applications development training.
66 508	Technical Application Development Support - This PSO offers the customer an option to receive technical support or application development support. Examples of such PSO may include but not limited to systems integration and application development.
66 601	Water Current Meters, Seawater Sampling and Salinity Measuring Equipment (SMALL BUSINESS SET-ASIDE) - Water current meters are primarily used to measure water flow in open channels, streams, and weirs. Because they are typically used in the field, the equipment is designed to withstand outdoor conditions. Includes directly related options and accessories. Examples include water current meters and water velocity meters.
66 602	Seawater Sampling and Salinity Measuring Equipment (SMALL BUSINESS SET-ASIDE) - Seawater samplers collect seawater for subsequent analysis in laboratories. Manual samplers usually collect water by means of bailers, ladles or scoops. Automatic samplers commonly draw water samples into jars or specimen bottles for later retrieval and analysis. Salinity measuring equipment measures the salt content of seawater samples. Includes directly related options and accessories. Examples include seawater sampling equipment, salinity measuring equipment, and physical water parameter measuring equipment.
66 603	Seismic Measuring and Recording Instruments - Seismic instruments are typically used to detect earthquakes and earth vibrations. Sub-surface profiling systems are commonly used to map underground strata and water depths. Both types of instrument are primarily used in applications such as geophysical research and seismic monitoring. Includes directly related options and accessories. Examples include subsurface (water and land) profiling systems and seismic measuring, and recording instruments.

- 66 604 Underwater Releases, Transponders, Buoys, and Platforms and Oceanographic Analysis, and Display Systems (SET ASIDE FOR SMALL BUSINESS) - Underwater releases keep instruments rigidly attached to either stationary or moving platforms, but allow the instruments to be released when desired. Underwater transponders are devices that receive, amplify and then re-transmit signals on different frequencies. In underwater applications, the signals are typically acoustic signals that are used to measure depth or position. Buoys are used to keep instruments afloat. Platforms are used to anchor instruments in place. Includes directly related options and accessories, underwater releases, underwater transponders, underwater acoustic communications equipment, oceanographic buoys, oceanographic platforms, and oceanographic mooring devices.
- 66 606 Soil Temperature and Moisture Measuring Instruments, and Plant Moisture Analysis Instruments (SMALL BUSINESS SET-ASIDE) - Soil moisture analyzers allow the water content of soil samples to be determined. Plant moisture analyzers allow the water content of plant specimens to be determined. Both types of instrument are primarily used in applications such as agricultural research and engineering analysis of solid materials. Includes directly related options and accessories. Examples included soil temperature measuring instruments, soil moisture measuring instruments, and moisture analyzers for plants.
- 66 607 Air Temperature Measuring Instruments, Solar Radiation Measuring Instruments, and Barometric Pressure Measuring Instruments - Air temperature measurement instruments measure ambient air temperature. Solar radiation measuring instruments measure the amount of incident solar radiation. Barometric pressure measurement instruments measure atmospheric pressure. All of these instruments are used to measure weather-related phenomena. Includes directly related options and accessories. Examples include air temperature measuring and recording instruments, solar radiation measuring and recording instruments, and barometric pressure measuring and recording instruments.
- 66 608 Humidity, Precipitation and Wind Measuring Instruments - Humidity measuring instruments measure either the relative humidity or humidity content of ambient air. Precipitation measuring instruments measure the amount of precipitation which has fallen during a given time period. Wind measuring instruments measure parameters related to the motion of ambient air, such as wind speed or wind direction. All of these instruments are used to measure weather-related phenomena. Includes directly related options and accessories. Examples include humidity measuring and recording instruments, precipitation measuring and recording instruments, and wind measuring and recording instruments.
- 66 609 Atmospheric and Video Computer Display System, and Video Computer Weather Displays (SMALL BUSINESS SET-ASIDE) - This equipment allows data taken from weather stations to be displayed on a computer screen. Typically, it consists of specially designed data communications hardware and software. Optional software modules may allow data to be analyzed, plotted or imported into software application programs such as spreadsheets or databases. Includes directly related options and accessories. Examples include atmospheric visibility measuring instruments, and video/computer weather display and analysis systems.
- 66 610 Atmospheric, Meteorological Platforms, Enclosures and Sondes - Meteorological platforms and enclosures are designed to either house or mount meteorological instruments. Meteorological sondes gather meteorological data from locations above the earth's surface. Balloons are commonly used to raise the sondes into position, and data is typically transmitted back via radio signals. Includes directly related options and accessories. Examples include meteorological platforms and enclosures and atmospheric sondes (including radiosondes and tethered sondes).
- 66 611 Multiparameter Environment and Flood Data Acquisition Systems - Flood data acquisition systems are used to record fluctuations in water levels in streams, rivers, lakes or other bodies of water, which may cause flooding of land areas. They are typically designed to withstand outdoor use and may utilize specially designed hardware, software, cabling/connectors and power sources. Includes directly related options and accessories. Multiparameter environmental, meteorological and flood data acquisition systems.



- 66 612 Environmental Data Loggers and Communication Equipment - Environmental data logging equipment is used to record the output of various environmental sensors/instruments. It is typically designed to withstand outdoor use and may utilize specially designed hardware, software, cabling/connectors, and power sources. Data is sometimes sent to a centralized point via a radio link or dedicated line. Portable units typically store data on a magnetic disk or cartridge. Includes directly related options and accessories. Examples include communication equipment specialized for use with environmental data acquisition and data logging equipment specialized for use with environmental data acquisition.
- 66 613 Electronic Distance Measuring Equipment, Theodolites, Engineering and Surveying Level Instruments, Planimeters - Surveying equipment is used to accurately measure and record relative altitudes, angles and distances of points on, above or below land surfaces. The data obtained from this equipment can then be used to create maps or plots of a surface. Examples of such equipment are: Electronic distance measuring equipment, total stations, laser-leveling systems, theodolites, and surveying levels. Includes directly related options and accessories. Examples include Electronic distance measuring instruments, planimeters, theodolites, total stations (surveying), engineering and surveying level instruments, and surveying laser reference instruments.
- 66 614 Global Positioning Systems (GPS) - Global Positioning Systems provide highly accurate position, velocity, and time information from a constellation of 24 satellites orbiting the Earth. Applications of this technology are numerous and include surveying, mapping, forestry, and navigation. Includes directly related options and accessories.
- 66 615 Noise Analyzers - Noise analyzers detect and/or monitor noise sources in the workplace or laboratory. Examples of such instruments are sound level meters, noise dosimeters, and audiometers. Includes directly related options and accessories.
- 66 616 Liquid/Gas Flow Measuring Instruments and Liquid Level Measuring Instruments - Liquid/gas flow instruments measure the flow of liquids or gases in pipes, ducts, or tubes. Level instruments measure the fluid level within a containing vessel. Liquid/gas flow instruments are commonly used in applications such as laboratory research, ventilation airflow measurement, industrial fluid flow, and process flow. Level instruments are commonly used in applications such as laboratory research, process control, and industrial tank level monitoring. Includes directly related options and accessories.
- 66 617 Water Monitors (SMALL BUSINESS SET-ASIDE) - Water monitors measure and/or record parameters related to water quality (such as pH, turbidity or conductivity) over a given time period. They are typically designed to withstand outdoor use and may utilize specially designed hardware, software, cabling/connectors and power sources. Portable units with data storage capabilities typically store data on a magnetic disk or cartridge. Includes directly related options and accessories.

- 66 618 Multi-Parameter Water Quality Instruments, Meters, and Analyzers - Water samplers collect water for subsequent analysis in laboratories. Manual samplers usually collect water by means of bailers, ladles, or scoops. Automatic samplers commonly draw water samples into jars or specimen bottles for later retrieval and analysis. Water quality meters are portable instruments that are primarily used in the field to measure aqueous contaminants in streams, lakes, or other bodies of water. Water analyzers are laboratory instruments used to measure parameters such as pH, temperature, dissolved oxygen, total dissolved solids, and conductivity in water samples. All of the instrument types listed above are typically used in applications such as quality control, analysis of water-born pollutants, and laboratory research. Includes directly related options and accessories. Examples include water quality meters, water analyzers, multiparameter water quality instruments, and water samplers.
- 66 619 Stack Emission Measuring Equipment, Gas Analyzers, Monitors, and Particle Analyzers/ Detectors - Gas analyzers measure or monitor parameters such as concentration or composition of gases. Particle analyzers detect and analyze airborne particulate matter. Examples of gas analyzers are electrochemical, catalytic, metal oxide semiconductor, non-dispersive infrared, and colorimetric analyzers. Examples of particle analyzers are gravimetric, chemical, electrostatic, and optical particle analyzers. Includes directly related options and accessories. Examples include stack emission measuring equipment, gas analyzers, monitors, and particle analyzers, detectors.
- 66 620 Air Sampling Equipment and Automatic Gas Alarms (SMALL BUSINESS SET-ASIDE) - Air sampling equipment is designed to sample air in enclosed spaces in order to determine if hazardous gases are present. Gas alarms are designed to detect and signal that a predetermined hazard level has been met or exceeded. Both types of equipment are typically used in building air monitoring and industrial hygiene applications. Includes directly related options and accessories.
- 66 621 Radioactivity Detectors - Radioactivity detectors detect, monitor, and analyze radioactive sources of airborne radioactive particles. Examples of such instruments are survey meters, ionization chambers, neutron detectors, radon monitors, radiation dosimeters, and alpha, beta, and gamma detectors. These instruments are typically used for hazard detection in the field and laboratory, and in industrial hygiene applications. Includes directly related options and accessories.

Laboratory Instruments, Furnishings and LIMS

SIN	Description
540 11	Reusable Laboratory Plastic Ware - Laboratory ware includes general and special purpose graduated and non-graduated laboratory ware used to contain, measure, and transfer laboratory samples and solutions. This category includes reusable laboratory plastic ware. Examples are flasks, beakers, funnels, pipettes, burettes, cylinders, bottles, dishes, slides, test tubes, trays, pestles, and mortars. Includes chemical, heat, and impact resistant high-density polypropylene, polycarbonate and polymethylpentene plasticware.
540 12	Disposable Laboratory Plastic Ware - Laboratory ware includes general and special purpose graduated and non-graduated laboratory ware used to contain, measure, and transfer laboratory samples and solutions. This category includes disposable laboratory plastic ware commonly used to contain and process hazardous and contaminated samples such as bodily wastes, bacterial, viral, and cell cultures. Examples are flasks, beakers, funnels, pipettes, burettes, cylinders, bottles, dishes, slides, test tubes, trays, pestles, and mortars. Disposable plastic-ware is composed of polystyrene, polypropylene, and polyethylene.

- 540 16 Non-Plastic and Non-Glass Laboratory Ware - Laboratory ware includes general and special purpose graduated and non-graduated laboratory ware used to contain, measure and transfer laboratory samples and solutions. This category includes reusable and disposable laboratory ware. Examples are flasks, beakers, funnels, pipettes, burettes, cylinders, bottles, dishes, slides, test tubes, pestles, trays, and mortars. Non-plastic and Non-glass laboratory ware is fabricated from materials including ceramic, metal, fiberglass, and rubber.
- 540 19 Laboratory Water Purification Devices and Systems - Laboratory water purification devices and systems remove organic and inorganic contaminants from limited quantities of laboratory waste water. Water is purified to NCCLS Type I, Type II, and pyrogen (fever producing) standards. Systems combine technologies such as pretreatment activated charcoal cartridges to remove chlorine and dissolved organics, pretreatment filtration to remove suspended solids, pretreatment ion exchange to remove minerals and soften water, reverse osmosis to remove microorganisms, and electrodeionization to remove dissolved inorganics and ultraviolet radiation to remove bacteria. Applications include provision of glassware rinse water, reagent grade water, and chemical and cell culture media. Excludes all systems designed for the continuous production of potable water.
- 540 2 Labware Support Apparatus, Thermometers, and Contact Heating Sensing Devices - Lab ware support apparatus is general and special purpose equipment that supports and manipulates laboratory equipment. Included in this category are pipette support racks, epoxy coated lead ring holders, ring stands, drying racks, motorized, remote, manual screw type jacks and multi-jacks, labware holders, clamping devices, multiple sample trays, tongs, and clamps. Includes laboratory bulb and dial temperature reading thermometers.
- 540 21 Filter Elements - Filter elements include all filter paper, polymer filter elements, filtering units, cartridges, and disposable membranes, including those formerly on Federal Supply Schedule 66 II O, SIN 66-145. Includes ceramic filters, composite membranes, micro-filtration membranes, ultra-filtration equipment, gas separation, polycarbonate membranes, polyester membranes, reverse osmosis filters, and nano-filtration filters. Applications are for pharmaceutical, bio-technical, wastewater, and food and beverage chemical and industrial processes.
- 540 3 Reusable Laboratory Glassware - Laboratory ware includes general and special purpose graduated and non-graduated laboratory ware used to contain, measure, and transfer laboratory samples and solutions. This category includes reusable laboratory glassware. Examples are flasks, beakers, funnels, pipettes, burettes, cylinders, bottles, dishes, slides, test tubes, pestles, and mortars. Includes autoclavable, high impact, temperature and chemical resistant borosilicate, and soda lime and quartz glassware.
- 540 7 Disposable Laboratory Glassware - Laboratory ware includes general and special purpose graduated and non-graduated laboratory ware used to contain, measure, and transfer laboratory samples and solutions. This category includes disposable laboratory glassware commonly used to contain and process hazardous and contaminated samples such as bodily wastes, bacterial, viral, and cell cultures. Examples are flasks, beakers, funnels, pipettes, burettes, cylinders, bottles, dishes, slides, test tubes, pestles, and mortars. Includes soda lime glass and flint quality glass with minimum amounts of silicate additives.
- 566 1 Modular Laboratory Furniture Systems - This SIN includes general-purpose laboratory furniture such as cabinets, tables, sinks, and work surfaces. Modular furniture requires external support when installed. Includes cabinets, cases, lockers, chemically resistant work surfaces, tables, sinks, and other laboratory furniture designed to be installed into group configurations where installation, removal, and relocation is required without disturbing adjacent components. Wall mounted or free standing cores, rails and panels provide support structures for workstations where flexibility in the installation and arrangement is required.



566 2 Individual Non-Modular Laboratory Tables, Cabinets, Benches, and Laboratory Carts - This SIN includes general-purpose free standing laboratory furniture such as cabinets, tables, sinks, and desks. This SIN also includes portable workstations and carts for the transportation and storage of laboratory equipment.

The following types of non-modular laboratory furniture are included in this SIN:

- Free standing laboratory furniture, mobile ovens, cabinets, benches and instrument carts, with chemically resistant work surfaces
- Laboratory sinks, cup sinks and related plumbing fixtures
- Free standing laboratory base wood cabinets and base metal cabinets with drawers, hinged doors, and adjustable shelves
- Mobile work benches and chemical workstations with pipeting drawers, storage and seating areas.
- Mobile oven cabinet benches and cases
- Self contained casework and task workstations

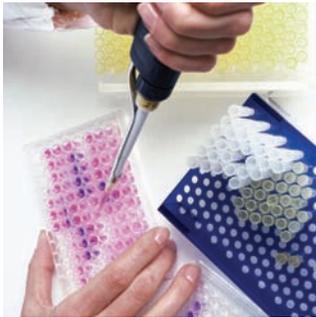
566 3 Special-Purpose Laboratory Furniture (SMALL BUSINESS SET-ASIDE) - This SIN includes workstations and furniture designed for specific laboratory and medical applications such as dental work, operating room storage, and vibration isolation, inspection and blood collection stations. Self-contained dental workstations can be ordered with dust collectors, overhead task lights, duplex, grounded electrical receptacles, gas valves, and air blowguns. Microscope desks are available with motorized, elevating desktops and electrical outlets. Operating room consoles are available with self-contained cabinets and cases for organized storage of equipment and supplies. Double-walled, fiberglass-insulated, solution warming cabinets with internal heating elements are available. Stone balance tables can be ordered to isolate sensitive instruments from vibrations. Other self-contained workstations include shipping and receiving, infection control, specimen preparation and emergency eyewash stations, casting and soldering, dust collection, and finishing and polishing stations. Adjustable height blood collection, instrument and microscope tables, which conform to ADA (Americans with Disabilities Act) requirements are available. The motorized tops can be elevated with a foot switch.

566 5 Workstation Design/Installation - This SIN includes services for the design layout and installation of furniture in laboratories. The SIN also includes furniture disassembly, reinstallation and workstation repair. Workstation design/layout option includes the design/redesign of furniture installations to accommodate the implementation of agency programs. Professional designers develop furniture and equipment layouts, which meet the government's functional and special requirements. Services include the inspection of proposed laboratory spaces, observation and interview of personnel, development of a wire and utility management plan (a set of drawings which identify all wiring and utility services associated with the laboratory furniture, equipment, fittings and fixtures), development, coordination and delivery of acceptable layouts, including floor plans and elevations based on the laboratory site conditions and the requirements of the using agency, and development of parts/inventory lists specified by manufacturer's name and part number. Workstation furniture and equipment installation includes delivery coordination of furniture and related equipment, unpacking, inspection, inventory, and assembly of furniture components into workstation configurations which meet agency requirements for form and function. Installation is in accordance with final design drawings and specifications. Workstation disassembly and reinstallation option includes the taking down of installed furniture and related hardware for the purpose of packing and moving or storage, inspection and inventory of existing furniture and related equipment, and the re-assembly and installation of existing or new furniture components into the same or revised workstation configurations. Workstation repair option includes repair and/or replacement of damaged furniture and related hardware. Replacement includes testing to assure conformance with the original design function.

- 581 1 Convertible Vertical Laminar Airflow, Biological Hazard Safety Cabinets (SMALL BUSINESS SET-ASIDE) - This SIN includes Type A, Type A/B3, and Type B1 biological hazard safety cabinets. The cabinets remove and contain biologically hazardous vapors and particles from the cabinet work surface. Biological hazard safety cabinets use uniform blower powered airflow through HIGH EFFICIENCY AIR (HEPA) filters to trap disease causing spills, airborne microorganisms, and particulate which are harmful to personnel. The cabinets prevent exposure to the spills and airborne disbursements that are released when laboratory personnel work on hazardous agents contained within the laboratory workspace. Type A cabinets exhaust HEPA filtered air back into the laboratory when the cabinet is not connected to the building air exhaust system. Type A/ B3 cabinets can be converted to connect the HEPA filtered air to the building air exhaust system. Type B2 cabinets connect the HEPA filtered air to the building exhaust system. Type B1 cabinets re-circulate HEPA filtered air into the cabinet work space. Includes the following models: Type A, A/ B3, floor models — 4' and 6' widths, Type A, A/ B3, bench top models — 3', 4' and 6' widths, and Type B1, floor models — 4' and 6' widths.
- 581 2 Externally Exhausted, Vertical Laminar Airflow, and Biological Hazard Safety Cabinets - This SIN includes Type B1 and Type B2 biological hazard safety cabinets. The cabinets remove and contain biologically hazardous vapors and particles from the cabinet work surface. Biological hazard safety cabinets use uniform blower powered airflow through HIGH EFFICIENCY AIR (HEPA) filters to trap disease causing spills, airborne microorganisms and particulate which are harmful to personnel. The cabinets prevent exposure to the spills and airborne disbursements which are released when laboratory personnel work on hazardous agents contained within the cabinet workspace. Type B2 cabinets connect the HEPA filtered air to the building exhaust system. Type B1 cabinets re-circulate HEPA filtered air into the cabinet work space. Includes the following models: Type B1, floor models — 4' and 6' widths and Type B2, floor models — 4' and 6' widths.
- 603 1 pH and Ion-Selective Meters - Ion-selective and pH meters are designed to determine the concentration of hydrogen ions (as pH) in a chemical solution. pH meters are used to measure the acidity or alkalinity of chemical solutions. Ion selective meters can detect the concentration of selected ions in water, food, electroplating and photographic solutions.
- 603 10 Microscopes: Metallographic, Multipurpose, and Electron - Metallographic microscopes that use reflected illumination from the specimen surface to observe the chemical composition and crystalline structure of metals are included in this category. The category of multipurpose microscopes includes components and subassemblies that can be configured in modular formats into microscopes and microscope systems suitable for specific scientific and industrial applications. Components include video image equipment, photographic attachments, subassembly eyepieces, lens stages, arms, optical carriers/bases, and nosepieces. Also available are application specific microscope-based workstations and video systems. The component hardware assembles into or modifies conventional upright microscopes, inverted type microscopes, and other microscope configurations such as laser scanning confocal microscopy systems not listed in other SINs. The industrial and scientific applications include routine tasks, research and advanced research. Configured and modified microscopes are suitable for tasks that include measurement, analysis, processing, observation, photography, video imaging recording, displaying, and computer processing. Electron microscopes in this SIN category focus electron beams into specimens producing hyper magnified images on video screens. Includes both scanning and transmission types. Features include variable pressure specimen chambers to neutralize specimen charging, motorized specimen stages, and optional large sample chambers. Environmental scanning electron microscopes are available for analysis of hydrated samples, biological cells, plants, non-conducting specimens, and porous materials with little or no sample preparation.

- 603 13 Boscopes and Fiberscopes - Rigid boscopes and flexible fiberscopes for non-medical applications are included in this SIN. Boscopes are rigid, direct view instruments that are inserted through holes for a straight line inspection of inaccessible internal areas without destroying the item under inspection. Fiberscopes are visual inspection instruments with flexible fiber optic bundles to maneuver around obstacles and sharp corners into inaccessible remote interior areas. The flexible light guide is articulated by a lever attached to the eye piece. The instruments in this SIN are for non-medical applications only.
- 603 2 Titrators and Titration Systems - Titrators are either acid-base or oxidation-reduction titration devices which will automatically determine the endpoint of a chemical reaction. Titration systems automatically dispense reagents into solutions producing changes in color and electrical potential related to the concentration of substances in the solution.
- 603 3 Laboratory Centrifuges - Laboratory centrifuges are designed to place suspended gravity environments by spinning, which separates substances of different densities in mixtures. Included in this category are micro, general purpose, clinical types, and ultracentrifuges.
- 603 4 Microtomes and Microtom Cryostats - Microtomes and microtome cryostats are devices used to produce thin sections of paraffin embedded tissue samples in preparation for microscopic analysis. Manual, semi-automatic, and automatic units are available with automatic feeds, slide and rotary slicing mechanisms. Cryomicrotomes incorporate refrigeration units to quick-freeze tissue specimens.
- 603 5 Laboratory Shakers and Mixers, Accessories, and Options - Laboratory Shakers and Mixers include rocker, unregulated, temperature regulated, and environmental shaking devices. Also included in this category are propeller, magnetic, and hot plate type mixers, and stirrers. Shakers are used to homogenize and suspend separated substances from the surrounding material.
- 603 7 Tissue Embedding Equipment - Tissue embedding equipment is used to prepare and inject paraffin and other embedding media into tissue samples. The media facilitates the handling of the sample for thin sectioning and ultimate microscopy. Tissue embedding and tissue processing stations are available with microprocessor controlled automatic sample processing. The systems can be programmed to automatically perform some or all of the following processes: tissue stabilizing, tissue dehydration, dehydration extraction, media infiltration, media embedding, sectioning, and storage. Some stations have sample cassette enclosures to contain solvent vapors, solvent and media stirring mechanisms, cooling and heated work surfaces, and vacuum systems to facilitate sample infiltration and sample embedding.
- 603 8 Microscopes, Conventional Upright Type - This SIN includes conventional upright type microscopes with the specimen platform and illumination located below the objective (image gathering) lens. Upright microscopes are used to observe transparent specimens.
- 603 9 Microscopes, Inverted Type - Inverted type microscopes with the illumination and specimen platform located above the objective (image gathering) lens are included in this SIN. Inverted microscopes are used to observe large opaque specimens.
- 615 1 Biomolecule Analyzers Synthesizers - The devices located in this category are intended to either analyze or synthesize biomolecules such as peptides or nucleic acid chains. Specifically excluded from this category are sequencing apparatus found under the Electrophoresis category.
- 615 1010 Introduction of New Services/Products (INSP) - This SIN includes new or improved commercial services or products, or services or products that perform new tasks or procedures not currently available under any GSA contract.
- 615 18 Biomedical and Industrial Particle Counting, and Sorting Apparatus and Systems - This category includes biomedical and environmental particle counting, and sorting apparatus and systems. Also, includes bacteriological colony counting and identifying apparatus.

- 615 19 Blood Cell Analyzers for Clinical Hematology - This category includes automated devices and systems for the identification and quantification of human blood cell types and classes.
- 615 2 Elemental Analyzers - These devices are used to determine one or more elements contained within a compound or unknown substance. The most common type is the carbon analyzer, but other types are known and acceptable under this category. Excluded from this category are devices which are more appropriately classified elsewhere, such as those under the categories of X-Ray, Atomic Absorption and Emission, and Emission Spectrometers.
- 615 3 Thermal Analysis - Several categories of these devices exist, and are commonly known as Differential Thermal Analyzers (DTA), Thermogravimetric Analyzers (TGA), Thermomechanical Analyzers (TMA), and various combinations of these instruments. They are used to determine chemical and/or mechanical changes in molecular structure due to the controlled application of heat to a substance.
- 615 4 Gas Chromatograph (GC) and Chromatograph/Mass Spectrometer (GC-MS) Systems - These are instruments and systems intended to be used in the performance of separations by gas liquid interface chromatography for research chemistry and biochemistry research applications, and in addition the identification of substances by mass spectrometry in the GC/MS systems. Further included in this category are the automatic samplers, detectors, columns, and miscellaneous accessories, options and integrators formerly identified by separate special item numbers. Gas analyzers tuned for the detection and identification of specific substances are excluded.
- 615 5000 Product Support Options to Include Equipment Maintenance, Repair, and Service, Calibration and Calibration Traceability Certificate, Extended Warranties, Technical Training, Technical Support and Application Development Support, and Equipment Leasing - Service agreement options include hourly repair or annual service, required labor, parts and materials or fixed price per incident. Service covers purchased hardware and related software. Emergency service and engineering hardware and software modifications are offered. Prior to purchase, and if no other options are requested, the manufacturer's standard calibration is provided with a certificate of calibration and a calibration sticker. Available options include post-purchase calibration, and calibration in accordance with military, customer or commercial standards and calibration with test data. Calibration can be upgraded to traceable National Reference Standards with certification. The Product Support Option of extended warranty offers customers an option to extend original equipment warranty for additional time periods. Examples include extending product repair support for additional years, and/or extending calibration support for additional years.
- 615 9 Liquid Chromatographer (LC) and Liquid Chromatographer/Mass Spectrometer (LC-MS) Systems - These are instruments and systems intended to be used in the performance of chemical separations by liquid chromatography, supercritical fluid extraction (SFE), supercritical fluid chromatography (SFC) and ion chromatography, along with their mass spectrometry analogs intended for additional identification in research chemistry and biochemistry applications. Further included in this category are the automatic samplers, column monitors and detectors, columns and guard columns, specific LC and SFE/SFC pumps, miscellaneous accessories, and options and integrators formerly identified by separate special item numbers.
- 632 10 Atomic Absorption, Atomic Emission, and Atomic Fluorescence Spectrometers, including Inductively Coupled Plasma (IPC) and Inductively Coupled Plasma Mass Spectrometers (IPC/MS) Systems - These are research instruments, which either utilize systems by which ions produced by various methods are promoted to the atomic state and from which spectroscopic studies may be promulgated. Includes emission spectroscopy instruments based upon plasma, arc, and spark atomization. Also includes inductively coupled plasma (ICP) and inductively coupled plasma/mass spectrometer (ICP/MS) systems.



- 632 2 Liquid Scintillation Systems and Gamma Counters, Accessories, and Options - These devices are intended as chemical or biochemical detection and/or testing devices utilizing mildly radioactive reagents as marker compounds.
- 632 5 Infrared Spectrometers - These devices are research instruments which are designed for the Infrared (IR) and/or Raman spectroscopic analysis of substances utilizing the infrared range of the electromagnetic spectrum. Excluded are devices which use the infrared spectroscopic technology but are “tuned” to be receptive to and identify specific substances in limited environments, such as the gas analyzers.
- 632 6 Ultraviolet, Visible, Infrared, and Near Infrared Spectrophotometers - These devices are research instruments which are designed for Ultraviolet (UV), Visible (VIS), and Near Infrared (NEAR IR) spectroscopic analysis of substances utilizing one or a combination of regions from the electromagnetic spectrum, alone or in combination instruments. Excluded are devices that use the listed spectroscopic technologies but are “tuned” to be receptive to and identify specific substances in limited environments, such as the gas analyzers.
- 632 7 Fluorescence Spectrometers - The intent of this category is to include research grade, full spectrum instruments, and excludes instruments that are “tuned” to be receptive to and identify specific substances in limited environments, such as the gas analyzers.
- 632 9 X-Ray Spectrometers, Diffractometers, Emission Spectrometers, Including Flame, Spark, Arc and Laser Types, and Mass Spectrometers - The devices identified as X-Ray Spectrometers and Diffractometers, Accessories and Options utilize the X-Ray portion of the electromagnetic spectrum for research chemical and surface analysis studies. The emission spectrometers, including flame, spark, arc and laser types, accessories, and options are research instruments utilizing emission technology by energy input and the emission of discrete quanta. Excludes flame emission devices intended for the determination of Sodium, Potassium and/or Lithium ions in urine samples, which are considered “tuned” and are preferentially classified in SIN 66-102. Mass spectrometers, accessories and options are specialized mass spectrometers, such as time-of-flight (TOF) spectrometers, which would not normally be coupled with either gas chromatographs (GC/MS), Liquid chromatographs (LC/MS), or inductively couple plasma (ICP/MS) spectrometers.
- 66 100 Blood Serum, Urine and Fecal Chemical Analysis, Instruments - These devices are used to determine specific multiple chemical and biochemical parameters of human active fluid and waste products. They may be used for therapeutic drug monitoring and routine screening. They may be of the multi-test, batch, random access, or other operating mode, and may be expandable to further tests as they become available. Excluded from this category are electrolyte analyzers, blood coagulation analyzers and timers, and single test analyzers. Also excluded are blood cell analyzers used in clinical hematology to identify and quantify human blood cell types and classes. This category excludes devices to test for either consumed alcohol or drugs of abuse on location, which may be found on Federal Supply Schedule 65 VI.
- 66 102 Blood Gas Analyzers, Electrolyte Analyzers, Blood Coagulation Analyzers and Timers, and Single Test Analyzers - These devices are specialized blood analyzers for the testing of specific parameters of blood or serum for therapeutic monitoring and routine screening.

- 66 107 Electrophoresis, including Capillary Electrophoresis and Electrophoration Devices and Systems, Nucleic Acid and Amino Acid Sequencing Systems - These devices are intended for separations of biomolecules or molecular fragments through differentiation by electronegativity, responding to a strong electric field. Included in this category are capillary electrophoresis, electrophoresis power supplies, developing, viewing and reading apparatus, and the gel casting, drying and transfer apparatus.
- 66 113 Hand Operated pipettors, and Pipetting, Diluting and Dispensing Devices - These devices are intended for the precise delivery of fluids in the scientific laboratory environment. Included are the single and multiple tip hand-held type, motorized hand-actuated types, and diluting and dispensing devices and systems, as well as accessories and options including tips and filling wells formerly procured under separate special item numbers.
- 66 117 Automated Pipetting and Dispensing Systems, and Laboratory Robotic Labware Handling Devices and Systems - These devices are intended for fully automated loading of such items as microplates, microtube strips, and other containers for long term, high throughput operations. Also includes diluting and dispensing devices, and systems with accessories such as tips and filling wells.
- 66 118 Microplate Readers and Washers, and Cell Harvesting Apparatus - These items are used in biomedical research for the isolation and identification of cellular components or biochemical reactions including immunoassays. Includes multi-well microplates and other ancillary items.
- 66 122 Video Image Analyzers and Analysis Systems - These consist of the hardware, software, and optics necessary for the isolation and manipulation of macroscopic and microscopic images by acquiring data in digital form.
- 66 136 Animal Caging Equipment - Animal cages and caging systems are intended for the care, study, and storage of animals that are used in the research biomedical laboratory environment. Included in this SIN may be food and water delivery systems, but not the food or water to be provided, since such items fall under other Federal Supply Classes. Those items referred to as “metabolic cages” are also included, but devices for animal restraint, surgery or dissection are excluded.
- 66 137 Laboratory Refrigerators and Freezers - Laboratory refrigerators and freezers include reach-in and walk-in configurations suitable for blood banking, chromatography, mortuary, and other special-use cooling or freezing requirements. Excludes all household, commercial or display case refrigerators, and freezers classifiable in other Federal Supply Classes.
- 66 139 Environmental Chambers and Plant Growth Chambers (SMALL BUSINESS SET-ASIDE) - Environmental chambers and plant growth chambers provide precise control of temperature, humidity and light for agricultural and life science research. Various airflow patterns include up flow and down flow adjustable patterns. Both reach-in and walk-in chambers are available. Plant production chambers, dew rooms, and tissue and bacteria culture chambers are available for plant pathology studies. Controlled environment rooms and biological workstations are available with features that combine the functions of incubators, refrigerators and freezers; applications include tissue or cell incubation, culture preparation and the storage of cultures in the dormant state. Also available are cold rooms, dry rooms and warm rooms.
- 66 141 Miscellaneous Laboratory Equipment to Include Laboratory Baths; Freeze Drying Apparatus; Tissue Grinding, Processing, and Cell Disruption Apparatus, Waste Recovery Systems, Laboratory Pumps, Ware Washers; Dryers, and Laboratory Ovens and Furnaces (SET ASIDE FOR SMALL BUSINESS)

- 66 147 Laboratory Fume Hoods - Fume hoods are available for nonmedical applications such as processing corrosive chemicals, and explosive and radioactive substances. Laboratory fume hoods include bench-top, floor consoles or walk-in models with variable air volume, constant air flow designs, stainless steel perchloric acid hoods with built-in wash down systems, stationary and portable hoods, radio isotope hoods and glove boxes. Accessories are also available including fume scrubbers, air ejectors, and high-pressure blowers. Excludes Vertical Laminar Flow Biological Safety Cabinets.
- 66 148 Laboratory Incubators - Laboratory incubators are designed to accurately maintain moderate temperatures for chemical reactions or the optimization of biological cell growth. Hybridization incubators in this category process nucleic acid and protein blots. DNA sequences are detected with labeled nucleic acid and probes. Hybridization incubators have microprocessor controls and forced air circulation. Freezer/Incubators are available for research on poikilothermic (Body temperature regulated by surrounding atmosphere) organisms, drug stability tests, serum studies and enzyme assays, designs include over/under temperature safety limits, forced air circulation, automatic defrost cycles, and compressor overload safety cut-offs. Anaerobic incubators provide oxygen-free environments for tests on samples that are damaged or degraded by the presence of oxygen. Environmental incubators are available for BOD (biological oxygen demand) and COD (chemical oxygen demand) organic matter measurement tests.
- 66 200 Laboratory Information Management System (LIMS) - These software packages and services allow customers to utilize computerized automation of laboratory sample processing. Packages include general LIMS for routine laboratory data management and specialized LIMS when customer requirements dictate customized software design. Sample tracking, sample analysis, test organization, and test reports are generated using the laboratory's database on customer or supplier servers using operating systems such as Microsoft's Access, Oracle, Sybase, Informix, or SQL Server. Basic system managed workflow functions include data capture, data entry, data organization, data analysis, report generation, workload assignment, quality analysis, audit trails, and test archiving. The supplier analyzes the customer's needs regarding the laboratory operation, technology, personnel assignments, test and data management, LIMS installation, security, and administration. Packages and services are then formulated, designed and fabricated to meet the customer's needs.
- 66 231 Laboratory Scales and Balances - Includes analytical balances with under hook options to determine density, specific gravity, and weigh magnetic materials and large objects. Moisture balances with heating and automatic stop modes are available to determine moisture and residue content in foods and other materials, multiple functions and interfaces for computers, printers and remote displays which allows data storage, data processing, and printing. Balances can also internally store data, weigh in multiple modes and provide printouts. External and /or internal self calibration is also available. Top loading precision balances are available for counting, inspection and checkweighing. Mechanical multiple beam balances are available for classroom instruction and laboratory work. Portable mechanical balances with cases are available for field work.
- 66 318 Vehicular Scales and Balances - Vehicular scales in this category include portable digital battery powered wheel pads, concrete and steel bridge deck type truck scales, and wheel and load cell aircraft scales. Truck scales and weighing systems are suitable for mining, landfills, law enforcement, truck terminals and fleet operators. Truck wheel scales are designed for use on rough surfaces. Software is available with aircraft scales to compute individual wheel weights, moment arm total, total gross weight, and CG in inches. Scales with low profile, ramp style platforms are supplied to eliminate jacking the vehicle or airplane.
- 66 320 Industrial Scales, Balances - Industrial scales and balances include general-purpose industrial counting scales, programmable production check weighers, crane scales, dial and digital hanging scales, postal scales, bench scales, mechanical beam and mechanical dial scales, floor, drum scales, balances, and scales approved for use in explosive and hazardous environments.

Mechanical, Chemical, Electrical, and Geophysical Testing Services

SIN	Description
873 1	<p>Mechanical Testing and Analysis - Services for mechanical testing and analysis include, but are not limited to, material strength testing (compression, ductility, fracture, fatigue, shear, torsion, and metallography), calibration and testing of mechanical equipment, acoustic/vibration testing (noise, shock resistance), hydraulic/pneumatic testing, metrology (time, length, mass, volume, pressure, etc.), non-destructive evaluation (x-ray, radiographic, ultrasonic, leak), environmental simulation/climatic testing forensic, failure analysis and expert testimony, building and welding inspection, site monitoring, field surveys, quality assurance, certification, and related training.</p>
873 2	<p>Chemical Testing and Analysis Services - Services for chemical testing and analysis include, but are not limited to, wet chemistry and associated physical tests, viscosity/density testing, electrochemistry testing, chromatography (GC, LC, SFC, SFE, HPLC, GS/MS, LC/MS, GPC, GFC, IC, column, thin layer, paper), spectroscopy (AA, FT-IR, UV/VIS, XRD, NMR, ICP, MS, fluorescence, Raman), thermal analysis (DSC, DTA, TGA, TMA), surface analysis/microscopy (SAM, SEM, TEM, SIMS, ion), optic/photometry testing (appearance, color, reflectance, gloss, transmittance, luminance); occupational/drug testing (monitor or measure employees exposure to hazardous substance abuse screening), biological testing (bio-chemical, toxicological, pharmacological, bacteriological), environmental and hazardous waste analysis (priority pollutants, pesticides, herbicides, metals, PCB's, petroleum), water analysis, food testing (taste, odor, texture), and related training.</p>
873 3	<p>Electric Testing and Analysis Services - Services for electrical testing and analysis include, but are not limited to, qualification, inspection, safety, performance, certification, and compliance testing of manufactured goods to nationally and internationally recognized reliability standards, and regulatory requirements and directives (UL, CSA, FCC, ANSI, MIL-STD, etc.), marking services, circuit testing of semiconductors and microprocessors; EMI/EMC testing; dielectric strength and dielectric constant, dissipation factor; electrical insulating materials testing; electrostatic discharge testing; arc resistance testing, hi-pot testing, electrical power system components testing (transformers, dielectric oil, relays, circuit breakers, switchboards, power plants, substations, etc.) screening and destructive analysis of electronic components, and related training.</p>
873 4	<p>Geotechnical and Thermal/Fire Testing and Analysis - Services for geophysical and thermal/fire testing and analysis include, but are not limited to, construction material testing (concrete, roof, asphalt, etc.), geological material testing (soil, rock, etc.), geophysical testing, geosynthetic testing, seismographic testing, oceanographic testing, metrological testing, thermal/heat testing (temperature, fire, flammability, smoke/toxicity, conductivity), and related training.</p>
873 99	<p>Introduction of New Testing and Analysis Services - Laboratory testing and analysis services not covered above include, but are not limited to, specialized or customized tests, telecom/datacom line and equipment testing and analysis, and mobile laboratory services.</p>

Test and Measurement Equipment, Unmanned Scientific Vehicles

SIN	Description
602 1	Microwave/Millimeter Wave Antennas - MW and MMW antennas are used to radiate waves generated by a transmitter. Examples of such equipment include broadband antennas, feeds, and accessories including gain standards, parabolic reflectors and feeds, log periodic and dual polarized antennas, standard gain horn and dipole antennas, parabolic antenna reflectors, linear, log periodic, dual polarized, orthomode, and compact range feeds. Also include antenna pattern measurement systems used for determining radiation transmission patterns of antennas.
602 10	Pressure Standards and Calibration Instruments (SMALL BUSINESS SET-ASIDE) - Component testers and analyzers used to test or to determine operating characteristics of primary electronic components as opposed to component assemblies/circuits. Examples of such testers and analyzers include transistor and vacuum tube checkers/testers, component test switchers, component curve tracers, and CRT analyzers. Includes Automated Test Equipment (ATE) for component testing, but excludes resistance, conductance, capacitance, and inductance meters not having automated test features.
602 30	Vibration, Acoustic and Ultrasonic Testers and Analyzers - Includes non-destructive test and analysis instruments, which detect and analyze vibrations, and shock in a specimen or machine element. Typically used in applications such as applied research, and the preventive maintenance of rotating machinery.
602 35	Cables, Buried Pipes, and Other Conducting Object Locators - These locators are used to detect underground pipes or cables. Typically used in applications such as locating underground utilities, cable faults or rebars in concrete.
602 40	Avionics Test Equipment - This equipment is used to test the electronic circuitry of aircraft black boxes and navigational systems. Examples of such equipment include radar test sets, and aircraft navigation signal analyzers. Includes avionics equipment such as flight data recorders, cockpit voice recorders, and videocassette tape recorders/producers used aboard the aircraft.
627 1007	Introduction to New Services/Products (INSP) - This SIN includes new or improved commercial services or products, or services or products that perform new tasks or procedures not currently available under any GSA contract.
627 2000	Equipment Maintenance and Repair - This PSO offers customers the choice between hourly repair and annual service agreements. Examples of such PSO's include time and material service, and fixed price per incident repair service.
602 14	Chart Recorders, Data Acquisition and Data Logging Systems - These systems are used to collect and record output data from a large number of transducers into electronic memory for automatic processing. Includes design-mated control, sampling, multiplexing, logging (recording), and signal conditioning modules. Includes integral analysis equipment and self-contained data loggers. Excludes general purpose equipment designed for magnetic tape recording, chart recording, communications, telemetry, data processing, and environmental data specialized systems. Excludes generic signal sources/sensors. Excludes systems designed for data acquisition of specific sets of fixed parameters such as power monitoring systems, flood monitoring systems, and medical patient monitors.
602 2	Microwave/Millimeter Wave Instrumentation Subcomponents - MW and MMW instrumentation subcomponents include waveguides and waveguide accessories such as adapters, directional couplers, isolators, mixers, attenuators, tuners, terminators, and component amplifiers, filters, and detectors. Includes MW and MMW signal sources and modulators. Includes filters, detectors, and component amplifiers.

- 602 21 Load Pressure and Vacuum Transducers (SET ASIDE FOR SMALL BUSINESS) - These transducer devices convert the applied mechanical quantity (force, torque, or pressure) to a deflection or strain. Deflection sensors or strain gauges are then used to give an electrical signal proportional to the mechanical quantity. Examples of such devices include load cells, torque cells, compression and tension transducers, barometric/atmospheric sensors, submersible/level sensors, absolute and differential pressure, vacuum sensors, and pressure scanning arrays.
- 627 2001 Pre-Purchase Calibration or Calibration Traceability Certificate - This PSO offers customers the option to upgrade standard calibration. Normally, all instruments are calibrated before shipment. Examples of such PSO's include calibration to a military standard with or without test data and calibration to a commercial standard with test data.
- 627 4000 UAV Operations Support, Government Owned/Leased Equipment and Contractor Owned/Leased Equipment - Vendor provided team containing all manpower and personal equipment/tools necessary to operate and maintain a complete government or contractor owned/leased UAV system for a specific period of time. Location of such support can be inside and/or outside the continental United States (CONUS and OCONUS).
- 602 17 Laboratory Bench and Rack Power Supplies, Mount Type, Programmable - Laboratory power supplies used on lab benches and automated test systems as sources of precise and controlled power and for the measurement of voltage, current, and power. Examples of such instruments include voltage sources, current sources, source swatters and components, power controllers, switching, and high voltage power supplies. Excludes uninterruptible power supplies and supplies designed for line power conditioning and isolation. Excludes supplies designed for dedicated use with a specific type of laboratory instrument or designed for installation in an instrument or other apparatus.
- 627 2002 Post Purchase Calibration or Calibration Traceability Certificate - This PSO offers customers the option of calibration services after purchasing and using the instrument. Examples of such PSO's include standard calibration to manufacturer's own specifications, calibration for compliance with certain military, or commercial standards with before and after data.
- 602 18 Transducer Signal Conditioning Devices (SET ASIDE FOR SMALL BUSINESS) - These devices used to convert, compensate, or manipulate the output from the transducer into an electrical quantity. Examples of such instruments include amplifying, conditioning, and conversion devices designed specifically for use with transducers such as transducer (sensor) signal amplifiers, and filters. Includes transducers signal transmitters when separated from transducers.
- 627 2003 Extended Warranty - This PSO offers the customer an option to extend original equipment warranty for additional time periods. Examples of such PSO's include extending product repair support for additional years, and extending calibration support for additional years.
- 627 50 Unmanned Aerial Vehicles (UAV) Systems, Airborne Segment, Ground Control Segment, and Critical Components - A fully integrated and operable system that includes all components necessary for the UAV to perform its intended function. A system normally includes, but is not limited to, the air vehicles, the ground control station(s), payload, data link, launch and recovery subsystems if applicable, and all ancillary items needed to operate the system. In addition, the power plant, mission payload, guidance and control equipment, data links receivers/transmitters, manned control station, launchers, autopilots, navigation/guidance subsystems, automatic landing subsystems, and similar equipment items.

- 602 32 Temperature/Heat Imaging Instruments, Humidity Standards and Calibrators, Heat Energy Measuring Instruments and Temperature Controlling Instruments - The temperature/heat imaging instruments are used to measure and visually display the temperature gradients in a specimen. Areas of different temperature are displayed in differing colors on the display device (usually a CRT). Typically used in applications such as applied research, process control, preventive maintenance, and security. The humidity standards and calibrator equipment is used to calibrate test and measurement for humidity. Examples of such equipment include chilled mirror dew/frost point hygrometers, and humidity transfer standards, standard hygrometers, chilled mirror standards, humidity/relative humidity generator chamber standards. The heat energy-measuring instruments are used to measure the heat flux or heat content of a specimen.
- 627 2004 Service Agreement - This PSO offers the customer an option to receive services, all labor, parts, and materials necessary to maintain the equipment in good operating condition will be provided. Examples of such PSO include emergency service, engineering hardware and software modifications, operator training, telephone service agreements, application assistance, software support, and instrument certification.
- 602 22 Acceleration Transducers (Accelerometers) - Accelerometers convert a kinematics quantity such as acceleration into an electrical signal proportional to acceleration through a sensing element. Examples of such accelerometers are amplified, piezoelectric, miniature, and submersible accelerometers.
- 627 2005 Technical Training and Support (TTS) - This PSO offers the customer an option to receive training in the use of the purchase equipment, and technical support to questions and problems. Examples of such PSO include on site or off site training, basic operator training, hardware and/or software training, installation training, and applications development training.
- 602 23 Vibration, Acoustic and Ultrasonic Transducers (SET ASIDE FOR SMALL BUSINESS) - These transducers convert sound and frequency of mechanical vibrations into an electrical signal proportional to the mechanical vibrations. Examples of such transducers include ultrasonic detection systems/guns, and microphones. Excludes microphones designed for communication.
- 627 2006 Technical/Application Development Support (TADS) - This PSO offers the customer an option to receive technical support or application development support. Examples of such PSO may include but not limited to systems integration and application development.
- 602 24 Panel Meters (SET ASIDE FOR SMALL BUSINESS) - Panel meters are display devices designed for panel mounting and for displaying transducer signal output and other signal sources. Includes panelized counters and frequency display devices, and configurable multiple parameter display devices.
- 602 9 Infrared Radiation and Temperature Standards, and Calibration Instruments (SMALL BUSINESS SET-ASIDE) - Examples of such equipment include block calibrators, thermocouple calibrators, thermocouple simulators, temperature calibration baths, black body standards, temperature probe calibrators probe/sensor calibrators, precision temperature baths, temperature sources, and radiant blackbody standards.
- 627 5001 Leasing of Equipment - This solution offers customers an additional choice to purchasing. Examples of leasing programs available include, but are not limited to, Lease to Ownership (Capital Lease), Lease with Option to Own (Operating Lease), or Lease of Solution.

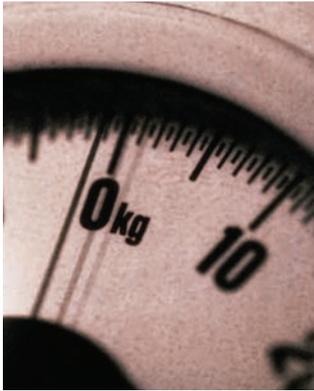


- 602 3 Amplifiers and Filters (SET ASIDE FOR SMALL BUSINESS) - Self-contained and modular plug-in type electronic signal amplifiers, amplifier systems, DC instrumentation amplifiers, and active filters for laboratory and testing applications. Electronic amplifiers and amplifier systems include audio, video, LF, HF, VHF, UHF, power, digital, pulse, and operational amplifiers and conditioning components. DC amplifiers include signal, differential, transducer, and wide-band and thermocouple conditioner amplifiers. Filters include Chepachet, Bessel, digital, liner, active, and pass filters.
- 602 5 Microwave/Millimeter Wave Amplifiers - Self-contained amplifiers designed to increase output power from microwave sources. Typically used for laboratory and testing applications. Includes high-power amplifier test systems.
- 602 6 Electrical/Electronic Parameter, Standards and Calibration Instruments - This equipment is used to correct variation in accuracy between the instruments being compared. Examples of such instruments include precession voltage, current, and resistance sources and multifunction, vibration, and oscillator calibrators. Also include resistance boxes, primary resistance ovens, resistance standards, decade transfer resistance standards, and precession amplifier accessories.
- 602 7 Time and Frequency Standards and Calibration Instruments - Includes receivers, signal generation and distribution components for time and frequency signals derived from oscillators, transponders, and other sources of time and frequency generation and distribution. Includes time code generators and translators generating time codes and pulse rates.
- 602 8 Sound and Vibration Standards and Calibration Instruments - Includes sound and ultrasound standards and calibration equipment such as microphone calibration equipment, (e.g., standard microphones, sound level and sound intensity calibrators, acoustic calibrators, and piston phone). Also, includes vibration transducer calibration equipment such as standard reference accelerometers.
- 627 1 Oscilloscopes and Video Signal Monitors and Analyzers - Instruments designed to measure voltage, frequency and other factors and display wave shapes of input signals on CRT or similar display devices including PC-based oscilloscopes, hand-held, and portable scope meters. Examples of such oscilloscopes include dual trace, dual time, digital real time, digital storage, and LCD digital oscilloscopes. Instruments designed to analyze video equipment. Examples of such equipment include VCR and computer monitor analyzers. Also, include instruments designed to determine waveform and characteristics of video signals. Examples of such equipment include NTSC/PAL/SECAM video signal analyzers/monitors, video vector scopes, and Veda level meters.
- 627 10 Component Analyzers and Testers - Component testers and analyzers used to test or to determine operating characteristics of primary electronic components as opposed to component assemblies/circuits. Examples of such testers and analyzers include transistor and vacuum tube checkers/testers, component test switchers, component curve tracers, and CRT analyzers. Includes Automated Test Equipment (ATE) for component testing, but excludes resistance, conductance, capacitance, and inductance meters not having automated test features.
- 627 11 Circuit (PC Board and IC) Testers - Circuit testers used primarily to perform quality acceptance tests on printed circuit boards and integrated circuits. Includes matrix switchers, switching/multiplexer cards, and scanner cards. Includes Automated Test Equipment (ATE) for circuits, which are generally designed to use pre-programmed tests as opposed to operator interactive analysis. Excludes more general-purpose analog and digital signal analyzers.

- 627 12 Telecommunication Line Testers and Analyzers - Equipment specialized for describing general line/network condition in terms of analog parameters (attenuation, distortion, etc.) and in terms of switching and digital modulation/demodulation parameters (jitters, delay, etc.). Examples of such equipment include microwave telephone system transmission test sets, telecommunication test equipment such as breakout boxes, modem and fax testers and digital circuit encoding/decoding test equipment, cable/line performance test equipment such as cable fault locators, time domain reflectometer TDR's, subscriber line analyzers, loop responders, and talk sets, trunk line performance test equipment such as trunk responders and line simulators/emulators, and transmission impairment measurement sets (TIMS), etc. Includes modulation/demodulation equipment.
- 627 13 Data Communication Equipment Testers and Analyzers - Equipment used to observe, analyze, and simulate the interactions between network devices and LANs and WANs. Examples of such equipment include LAN/WAN protocol analyzers, ISDN analyzers, and ISDN line/bus simulators/emulators, token ring analyzers, and Ethernet analyzers. Include bit error rate test (BERT) sets.
- 627 14 LightWave Test Instruments - Lightwave test instruments include lightwave signal sources and laser source accessories, lightwave analyzers, lightwave polarization analyzers, optical spectrum analyzers, optical power meters, optical time domain reflectometer OTDR's, fiber optic cable test sets/fault detectors, fiber optic talk test sets, fiber network analyzers, and laser source accessories.
- 627 15 Signal Generators - Signal generators used to produce sinusoidal waveforms and/or electronic signal patterns. Examples of such instruments include sine-wave oscillators, RF signal generators, function generators, frequency synthesizers, arbitrary waveform synthesizers, and sweep signal generators.
- 627 17 Audio and Video Signal Generators - These signal generators are specialized instruments designed to produce audio signals and video signal such as NTSC, PAL, and CCTV signals. Include test pattern generators.
- 627 18 Microwave Signal Generators - These signal generators are specialized instruments designed to produce microwave signals (1 GHz to 300 GHz) and millimeter waves (10 -2m to 10 -4m). An example of such instrument is microwave sweep frequency synthesizers. Also includes signal generator modulators designed to modulate signal generator signals.
- 627 2 Signal Analyzers - General-purpose instruments used to measure signal characteristics such as harmonics, phase noise, carrier level, amplitude, frequency, jitters, distortion, etc. Include general-purpose spectrum analyzers for RF through optical bands. Examples of signal analyzers include: frequency spectrum, Fourier, phase, real time, and signal distortion analyzers; RF signal surveillance analyzers and optical spectrum signal analyzers). Excludes oscilloscopes and specialized analyzers for audio, noise, video, radio transmission, and telecommunication signals.
- 627 22 Electronic Counters and Frequency Meters - These instruments used for measurement of frequency, time interval, and phase, event counting and other special parameters. Examples of such instruments include frequency meters, frequency and time interval analyzers, universal counters, and microwave and pulsed microwave counters.



- 627 23 Voltmeters, Ammeters and Multi-Meters - Voltmeters measure voltage, ammeters measure current, and multimeters measure voltage, current and other electrical parameters such as resistance, frequency, etc. Examples of such instruments include digital multi-meters (DMM's), analog display meters, bar graph display meters, Kilovolt (kV) meters, volt detectors, and clamp-on meters.
- 627 25 Field Strength/Intensity Meters - Field strength and intensity meters and recorders used measure the level of magnetic field emitted from power lines, appliances and other equipment. Examples of such instruments include electromagnetic field strength meters, ELF/power frequency, EMF survey meters, magnetic field monitors, and Gauss/Tesla meters. Includes sub-infrared radiation hazard detection meters.
- 627 27 Line Power and Signal Power Meters, and Line Power Consumption Meters - These meters are used to measure power of signal and power sources including RF and wideband power meters. Examples of such equipment include line power meters, watt meters, RF and wideband power meters. Excludes line power consumption meters, line power quality analyzers, and optical power meters. Meters and recorders specialized for measuring electrical energy consumption in such as kilowatt-hours or similar units. Examples of such meters include kilowatt-hour meters, watt-hour meters, and energy meters.
- 627 29 Resistance and/or Conductivity Meters and Bridges - Self-contained portable and bench style meters and recorders specialized for measuring resistance and conductance of electrically conductive materials and devices including insulation and leakage testers. Examples of such meters include ohmmeters, conductivity meters, Mho meters, insulation testers, leakage testers, and resistance testers and bridges.
- 627 3 RF Communication Monitors, Testers and Analyzers, and Global Positioning System (GPS) Receiver Test Sets - Instruments designed to determine carrier and modulation parameters of radio, microwave and millimeter wave transmission signals in terms of waveform, power, amplitude, frequency, phase, noise, distortion, etc. Examples of such equipment include AM, FM, PM, FSK, and ASK, monitors and modulation analyzers, microwave signal analyzers, vector signal analyzers, radio communication test sets, communication service monitors, and modulation meters. Excludes instruments specialized for analysis of television signals, telephone and data telecommunications line signals. Test sets designed to test GPS receivers. Examples of such test sets include GPS satellite simulators/satellite signal generators, and GPSTs.
- 627 30 Reactance and Impedance Meters and Bridges - Self-contained portable and bench style meters and bridges specialized for measuring reactance and/or impedance. Examples of such meters include impedance meters, inductance reactance meters, capacitance reactance meters, vector impedance meters, SWR bridges, and dielectric test sets.
- 627 31 Inductance and Capacitance Meters and Bridges - Self-contained portable and bench style meters specialized for measuring inductance and/or capacitance. Examples of such meters include capacitance meters, and inductance meters and bridges.
- 627 32 AC Wiring Analyzers - Self-contained portable instruments specialized for line power wiring analysis. Includes neutral and ground fault detectors and wiring safety analyzers, phase sequence indicators, and motor wiring sequence indicators. Other examples include AC power outlet testers, GFCI testers, continuity testers, and branch current analyzers. Excludes telephone line analyzers/tracers.



- 627 33 Modular Instruments, Mainframes - Instruments and systems, which utilize plug-in modules or cards in a mainframe to achieve a multiple instrument configuration, designed to measure/analyze general electronic signal and power parameters, and electronic devices. Examples of such instruments include VXI-based test systems, and modular measurement systems(MMSs).
- 627 35 Relay and Circuit Breaker Test Sets and Soldering, Desoldering, and Repair Equipment - These test sets are used to: (1) test motor over-load relays and molded-case circuit breakers, (2) calibrate, time and troubleshoot protective relays, (3) test electrical insulation. Examples of such test sets include overload test sets, protective relay test sets, and power factor test sets. The soldering, desoldering, and repair equipment is temperature and microprocessor controlled used to solder, desolder, and rework/repair of surface mount, thru-hole, ball grid array and other electronic components. Examples of such equipment include microprocessor-controlled soldering/desoldering systems, convective and conductive heat systems, fume extraction systems, and process monitors.
- 627 5 Audio/Distortion Signal Analyzers - Instruments specialized to determine waveform and characteristics of audio signals. Examples of such instruments include audio, audio distortion, acoustic, noise, sound, and stereo analyzers, wow, flutter and drift meters, audio frequency measuring amplifiers, and spectrum analyzers specialized for audio frequencies. Excludes modulation analyzers and vibration analyzers.
- 627 6 Electronic Noise Analyzers/Meters - These instruments are used to measure electronic noise of signals and devices. Examples of such instruments include signal to noise ratio S/N analyzers/meters and noise analyzers/meters.
- 627 7 Network Analyzers - Network analyzers are instruments and systems used to measure linear and nonlinear behavior of devices in terms of changes in amplitude, phase, frequency and noise, or to determine input/output conditions including impedance, S-parameters, transmission and reflection coefficients, and transfer functions. Examples of such equipment include vector and scalar network analyzers/ measurement systems, microwave test sets and measurement receivers, Z meters, and S-parameter measurement sets. Excludes logic analyzers, telecommunications lines/networks analyzers, fiber optics lines testers, and component curve tracers.
- 627 8 Voltage, Current and Line Power Recorders and Analyzers - These analyzers and recorders used to describe or determine the content of line power in terms of waveform, voltage, current, power, frequency, phase, noise, distortion, and other factors. Examples of such instruments include power monitors and analyzers, line voltage scanners and recorders, power quality analyzers, power harmonic analyzers, and power line disturbance monitors/analyzers.
- 627 9 Digital Logic Generators and Analyzers - Logic analyzers used to analyze the internal and input/output states and timing of digital logic circuitry of data processing equipment, PC boards and assemblies. Examples of such equipment include logic analyzers, emulators, bus exercisers, and monitors. Also, includes general-purpose digital data pattern generators such as sequential and algorithmic pattern generators. Excludes instruments specialized for testing data communications equipment and instruments designed for IC and PC board quality acceptance testing.



SCHEDULE 73

FOOD SERVICE, HOSPITALITY, CLEANING EQUIPMENT AND SUPPLIES, CHEMICALS, AND SERVICES

Whether you manage a dining hall, snack bar, a la carte program, base club, or food court program, GSA can provide all your food service needs from eating utensils to an entire custom designed food court kiosk concept that supports new branding initiatives. Let GSA be your total solutions provider of choice in the food service field.

Housing or Bachelors Quarters managers looking for new bed and bath linens can look for a full range of products under our toiletries program.

Finally, whether you are cleaning, recycling, or just working around the facility, GSA has environmentally friendly products to meet all your requirements! GSA can provide all this and more.

PROGRAMS IN THIS SECTION INCLUDE:

Federal Supply Group	Program Subtitle
68	Chemicals and Chemical Products
72	Recycling Collection Containers & Waste Receptacles
73	Food Service Equipment, Supplies, & Services
79	Cleaning Equipment, Accessories, Janitorial Supplies, Cleaning Chemicals & Sorbents
85	Toiletries, Personal Care Items, Linens, & Lodging & Hospitality Supplies & Services, & Hospitality Wear

Available Items Include:



Disinfectant	Floor Cleaning Equipment
Water Purification Chemicals	Janitorial Supplies
Insect Repellant	Laundry Supplies
Propane	Auto Cleaning Supplies
Recycling Containers	Bed & Bath Linens
Waste Receptacles	Full Service Providers of Lodging Supplies
Industrial Trash Storage Containers	Irons & Ironing Boards
Refrigeration & Storage Equipment	Hand Cleaners, Soaps, Shampoos, Mouthwash
Cooking Equipment	Barber Supplies
Dishwashing Equipment	
Food Handling & Preparation Equipment	
Pest Control Systems	

**FSC Group 68:
Chemicals and Chemical Products**

SIN	Description
476-12	Sterilants, Surgical Scrubs, and Related Products – Including liquid disinfectants that are sporicidal, and are suitable for use on hospital equipment, surgical instruments, rubber and plastic objects. Also includes specialized kits for blood, serum, and/or associated body fluid spills
476-13	Disinfectants
507-2	Permanent/Disposable dispenser housing and refills for the control of general institutional airborne odors, smoke, and sanitizing surfaces - may be dispensed either actively or passively. This product must be registered with the Environmental Protection Agency.
507-4	Toilet Bowl Cleaner, liquid, powder, and/or gel & Products for the effective treatment & deodorization of pit toilets, vault toilets, holding tanks, portable toilets, & recirculating toilets when used in accordance with label instructions.
507-8	Sanitizers for Food Handling Areas, Liquid, powder, gel aerosol, pump spray, products must be USDA and EPA Registered
507-9	Insect Repellent
507-99	Introduction of New Products/Services related to chemicals and chemical products
524-1	Fuel Oil Additive – Including Product only or Product with service
524-2	Boiler Feed, Cooling Water & Closed Water Treatment Chemicals—Product only or Product with service
655-01	Propane
655-03	Service/Repair and/or Rental Demurrage
658-1	Water Purification Chemicals - Includes products for water purification, wastewater, sewage treatment and bioremediation. Products for human consumption, swimming pools, spas, or products with service



- 681-1 Road Stabilization/Ice Melting Chemicals or Chemical Formulations and Salts (Sodium Chloride) for any purpose - Including Commercial non-hazardous chemicals/formulations designed primarily for, but not necessarily limited to, road stabilization and/or to safely melt/remove ice from roadways, walkways, runways, and/or roofs with minimal negative environmental impact
- 681-2 Aircraft Deicers – Including commercial chemicals or formulations designed to remove ice from aircraft wings or fuselage
- 681-4 Antifreeze, Fuel Engine Primer, Penetrates and Related Products

**FSC Group 72:
Recycling Collection Containers and Waste Receptacles**

SIN	Description
384-2	Office Recycling Containers and Waste Receptacles
384-4	Outdoor Recycling Containers and Waste Receptacles
384-9	Industrial Trash storage containers without compactor, combination Industrial Trash, Storage container with compactor & accessories
384-99	Introduction of New Services/ Products - Items include similar/like items which are included in the preceding SIN's





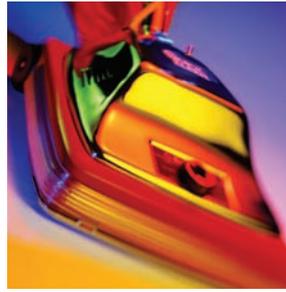
**FSC Group 73:
Food Service Equipment, Supplies, and Services**

SIN	Description
302-1	Kitchen Management Solutions
302-2	Emergency and Non-Emergency Food Service Support
302-3	Cooking Equipment
302-15	Sanitation and Warewashing Equipment
302-20	Food Preparation Equipment
302-28	Carts and Holding and Transport Equipment
302-29	Food Measuring and Testing Devices – Including receiving scales
302-30	Serving and Merchandising Equipment
302-34	Cold & Hot Food Counters – SET ASIDE FOR SMALL BUSINESS
302-36	Food and Beverage Dispensing Equipment
302-40	Preparation and Storage Smallwares
302-41	Service Items
302-42	Food Service Storage Racks & Cabinets – SET ASIDE FOR SMALL BUSINESS
302-49	Refrigeration Equipment
302-56	Concession Equipment
302-65	Kitchens in Minutes
302-72	Kiosks Food Center Concepts, including A La Cart Services; Food Court Concepts
302-74	Tableware
302-98	Ancillary Services Related to Food Service Equipment
302-99	Introduction of New Services and Products Related to Food Service Equipment

**FSC Group 79:
Cleaning Equipment, Accessories, Janitorial Supplies, Cleaning Chemicals
and Sorbents**

SIN	Description
375-100	Vacuum Cleaner Machines (canister type) - Including Dry Pickup, Wet/ Dry Pickup, Industrial – Hazardous Material Pickup (Mercury/Asbestos)
375-103	Vacuum Cleaner Machines (upright type) - Including Small and Large Commercial, and Household FSC 7910
375-107	Vacuum Cleaner Machines (portable) - Hand Type
375-117	Carpet Cleaner Machines - Carpet Cleaner Shampooer, Extractor, Liquid or Powder
375-125	Sweeper and Scrubber, Walk-Behind Type
375-129	Floor Machine – Scrubber, Striper, Polisher, Burnisher
375-135	Accessories and Attachments
375-139	Repair/Replacement, Misc. for Cleaning Equipment
375-200	Mops, Buckets, Wringers, Squeegees, Brooms, Brushes, Sponges, Scouring Pads, Wiping Rags, Cleaning Cloths, Chamois, Polishing Pads, Paper Products, Other Related Items
375-321	Powdered and Liquid Machine Warewashing (Dishwashing) Compounds and Rinse Additives
375-323	Laundry Cleaner, Powdered and Liquid, and Dry Cleaning Chemicals
375-341	Floor and Carpet Chemical Products
375-351	Sorbents, Non-Marine Usage, Type I Non-hazardous and Non-toxic Organic Spills
375-352	Sorbents, Non-Marine Usage, Type II Hazardous and Toxic Organic Spills
375-353	Sorbents, Marine Usage, Type III Non-water soluble
375-355	Sorbent Accessories
375-356	Sweeping Compounds
375-361	Biodegradable Cleaner /Degreaser (Water Based) Non-phenolic and Non-petroleum. (Products Approved by the U.S Department of Agriculture for Food Handling Areas)





- 375-362 Biodegradable Cleaner/Degreaser (Solvent Based) Non-phenolic and Non-petroleum.
- 375-363 Cleaner/Degreasers (Water and/or Solvent Based Detergent).
- 375-364 Cleaner/Degreasers – and Polishes (I,I,I Trichloroethane CFC Replacement for Industrial/Electrical Applications)
- 375-368 Gloves, Cleaning, Rubber
- 375-371 Chemical Dispensing Equipment and Systems
- 375-372 Cleaning Chemicals Used with Dispensing Systems
- 375-391 Auto Cleaners/Polishers, Air Fresheners, and Windshield Care
- 375-393 Tire Care: Tire/Wheel Dressings, Tire Cleaners /Protectants, Tire Sealants, Road Hazard Kits, Battery Mats .
- 375-99 Introduction of New Products/Services relating to Cleaning Equipment, Janitorial Supplies, Cleaning Chemicals and Sorbents

**FSC Group 85:
Toiletries, Personal Care Items, Linens, and Lodging and Hospitality Supplies and Services, and Hospitality Wear**

SIN	Description
852-1	Toiletries – Including but not limited to Hand Cleaners, Shampoo Hair Rinse, Hair Conditioner, Body Wash, Lotions, Shaving Cream Soap, Mouthwash, Toothpaste, Toothbrushes, Ointments & Wipes
852-2	Personal Care Articles – Including but not limited to Barber Supplies (Razor Blades, Razors, Clippers), Shoe Polish and Saddle Soap, Combs and Brushes, and Salon Supplies (Blow Dryers and Curling Irons), and Miscellaneous

- 852-3 Lodging and Hospitality Supplies and Services (catalog only) – Includes Food Service Equipment and Supplies, Environmental (Air Cleaners and Deodorizers), Housewares, Uniforms, Linens and Bedding, Housekeeping, Cleaning and Maintenance, Signs, Safety and Security, Amenities, Outdoor Furniture Equipment, Lobby and Front Desk, and Advertising and Promotional Items
- 852-4 Hospitality Wear – Including but not limited to Uniforms, Blazers, Dress Smocks, Tunic Tops, and Other Wearables Related to Housekeeping, Guest and Staff, and Restaurant
- 852-7 Closet Organizer Components – Hangers, Irons, Ironing Boards and Linens including but not limited to bed linens, table linens, kitchen linens, bath linens, and miscellaneous
- 852-99 Introduction of New Products/Services relating to toiletries, personal care articles, and hospitality supplies and services





SCHEDULE 84

TOTAL SOLUTIONS FOR LAW ENFORCEMENT, SECURITY, FACILITY MANAGEMENT SYSTEMS, FIRE RESCUE, SPECIAL PURPOSE CLOTHING, MARINE CRAFT AND EMERGENCY/ DISASTER RESPONSE

Do you need to upgrade security at your facilities? Are you looking for law enforcement equipment or need surveillance? Do you need protection on land or sea, fighting fires or surviving freezing temperatures?

GSA can provide all this and more.

PROGRAMS IN THIS SECTION INCLUDE:

Federal Supply Group

Program Subtitle

19	Marine Craft and Equipment, Inboard and Outboard Engines, Towable Bladders and Floating Marine Barriers, and Buoys
42	Firefighting & Rescue Equipment
63	Alarm & Signal Systems
84	Special Purpose Clothing
84	Law Enforcement & Security Equipment

Available Items Include:



Boats
Marine Engines
Personal Watercraft
Marine Barriers

Protective Clothing
Gloves & Footwear
Police Clothing
Fire Fighting Clothing

Breathing Apparatus
Hydraulic Rescue Tools
Portable Oxygen
Portable Tanks
Patient Immobilization
Transportation Devices

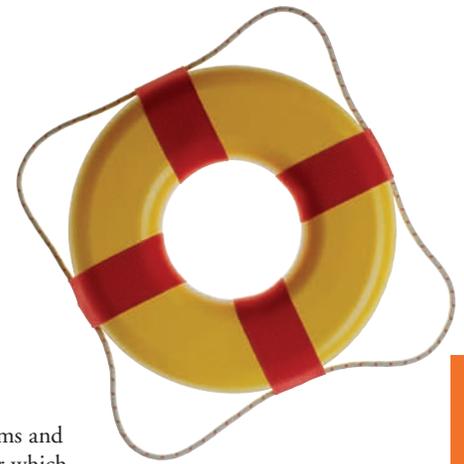
Personal Protection Equipment
Vehicle Equipment
Detection Equipment
Investigative Equipment
Surveillance Equipment
Canine Training & Handling
Equipment



Access Control Systems
Locking Devices
Intrusion Detection
Facility Management Systems
Professional Security/Facility
Management Services
Guard Services

**FSC Group 19:
Marine Craft and Equipment, Inboard and Outboard Engines, Towable Bladders and
Floating Marine Barriers, and Buoys**

SIN	Description
260-1	Powered Boats
260-3	Boats, Nonpowered – Includes life rafts, options and accessories
260-06	Inflatable Boats
260-09	Inboard & Outboard Engines, Marine Diesel Propulsion Engines (Ranging in Horsepower from 150-4,000) – Includes parts and accessories
260-12	Floating Marine Barriers & Booms, Buoys Floats, Perimeter Floats, & Moorings – Includes parts and accessories
260-98	Ancillary Services – Includes, but is not limited to installation of Boat Modification Packages
260-99	Introduction of New Products and Services – Items and Services directly related to Marine Equipment for which an established category does not exist.



**FSC Group 42:
Firefighting and Rescue Equipment, Urban and Wildland**

SIN	Description
465-10	Emergency Patient Transportation and Immobilization Devices - Including but not limited to stretcher chairs, scoop stretchers, basket stretchers, spine boards, litter baskets, traction splints, fracture aids, extrication devices, KED or similar devices, Handicapped evacuation devices, cervical spine immobilization collars, etc.
465-11	Fire Extinguishing/Suppressing Products, Retardant, Foams and Equipment - Includes but not limited to Foam Concentrate, Wetting Agent, Fire Extinguishers (excluding “Halon” fire extinguishing devices), Slip-On Firefighting Units, Pumps, Portable Tanks (folding or collapsible) & Chemical Mixing Equipment (foam proportioners, injectors, educators). Foam Concentrates meeting requirements of MIL-F-24385 are excluded from this SIN
465-17	Firefighting Distress/Signaling Devices & Heat Sensing Devices - Includes but not limited to Personal Alert Safety Systems (PASS), Fuses & Related Devices for Emergency Application.

- 465-19 Firefighting and Rescue Tools, Equipment and Accessories – Includes but not limited to portable Hydraulic & Pneumatic Jaws, Cutters, Rams & Files, Pulaski Tools, Combi Tools, Axes, Rakes, Shovels, & Handles
- 465-22 Breathing Air Equipment & Inhalator Devices, Respiratory Protection Products, Related Support Items & Solicitations - Self-Contained Breathing Apparatus — Standard self contained breathing apparatus (SCBA), NFPA compliant SCBA, compressed air emergency egress equip, compressed oxygen re-breather equip, air line supplied breathing apparatus, components & accessories, & related service & support items as provided for commercially (i.e., training for operation & maintenance/repair, technical manuals, extended warranty packages, spare parts availability, etc). Air Compressors — Breathing air compressors & storage equipment, components & accessories & related service & support items as provided for commercially (i.e., training for operation & maintenance/repair, technical manuals, extended warranty packages, spare parts availability, etc.). Air Filtering Personal Equipment & Emergency Egress Equipment — Air filtering personal equipment including particulate filtering work masks & air filtering emergency egress equipment.
- 567-4 Firefighting/Rescue Helicopter Accessories - For the transport and delivery of firefighting agents and equipment by helicopter. Includes but not limited to chemical injection devices, cargo nets and swivels, drop buckets & other related accessories.
- 567-8 Burning Equipment - Flame thrower/ Drip torch/ Fuel Thickener/ Marsh funnels.
- 567-15 Hoses, Valves, Fittings, Nozzles, Couplings and Related Accessories - Hoses: Includes cotton, cotton-synthetic & synthetic materials; weeping, single jacket, double jacket & hard line design; attach hose, operations hose & supply hose; large & small diameters; with & without couplings; threaded & quick-disconnect couplings. Hoses, Nozzles. Nozzles: Includes all types water and foam nozzles to shape/control fire stream firefighting purposes. Valves/Fittings: Includes wye valves, automatic pressure fuel valves, butterfly valves, horse-shoe shut-off valves and all types of fittings. Related Accessories: Includes but not limited to reels, all types of couplings, fittings, & accessories used to modify hose streams, fixate & mount nozzles, control water streams, etc.
- 567-99 Introduction of New Products and Services





**FSC Group 63:
Alarm and Signal Systems/Facility Management Systems, Professional
Security/Facility Management Services, and Guard Services**

SIN	Description
246-20-1	Miscellaneous Alarm and Signal Systems. Process Monitoring/Fault Reporting Devices or Systems which monitor pressure levels, flow rates, temperatures, leaks
246-20-2	Miscellaneous Alarm and Signal Systems - Hazard indicating alarm devices or systems for the detection of toxic gasses, flammable gasses
246-20-3	Miscellaneous Alarm and Signal Systems - Audible/Visual warning/signaling devices including radio alarm equipment (excluding those for vehicular use)
246-20-4	Miscellaneous Alarm and Signal Systems - Warning System Devices (Patient/Detainee)
246-23	Anti-Theft Material Alarm Control Systems for Detection of Property
246-25	Fire Alarm Systems (does not include fire suppression devices).
246-35-1	Access Control Systems - Door Entry Control by Card Access, Magnetic Proximity, etc.
246-35-2	Access Control Systems - Door Entry Controlled by Touch Access, Dial, Digital Keypad, Biometric Technology to include but not limited to Voice, Fingerprint, Iris, Hand Geometry, Weight.
246-35-3	Access Control Systems - Parking Access Control
246-35-4	Access Control Systems - Emergency Exit Door Access/Alarm Systems for Security and/or Fire Safety
246-35-5	Access Control Systems - Vehicle Arrest/Security Barrier/Barricade/Bollard Systems, Decorative Barrier Planters
246-35-6	Access Control Systems - Other Access Control systems
246-36	Locking Devices – Including Padlocks and Electronic Locks not covered by SIN 246-35

- 246-40 Intrusion Alarms and Signal Systems including audible and visual warning devices (No personal alarms).
- 246-42-1 Facility Management Systems including accessories and repair parts. Computerized systems for surveillance, monitoring, controlling signaling and reporting multiple functions. Security Functions, i.e., access control, fire detection, intrusion, etc.
- 246- 42-2 Facility Management Systems including accessories and repair parts. Computerized systems for surveillance, monitoring, controlling signaling and reporting multiple functions. Energy and Facility Management Functions and Services, Building Automation Control Systems (including lighting, HVAC controls and sensors), Building Comfort Systems (including heating, ventilation and air conditioning).
- 246-42-3 Facility Management Systems including accessories and repair parts. Computerized systems for surveillance, monitoring, controlling signaling and reporting multiple functions. Systems capable of both security functions and energy management functions
- 246-43 Perimeter Security/Detection Systems, including but not limited to fencing, sensors, etc.
- 246-50 Ancillary Services
- 246-51 Installation Requiring Construction
- 246-52 Professional Security/Facility Management Services
- 246-53 System Leasing
- 246-54 Guard Services
- 246-99 Introduction of New Services and Products





**FSC Group 84:
Special Purpose Clothing**

SIN	Description
633-1	Gloves - Industrial Work & Cold Weather Gloves (excludes disposable gloves)
633-4	Protective Worksuits, Waterproof, Chemical Safety, Electrical Safety and Related Products - Jackets, coats and hoods
633-6	Protective Worksuits, Waterproof, Chemical Safety, Electrical Safety and Related Products - Bib overalls, coveralls pants, two-piece suits
633-6a	Protective Worksuits, Waterproof, Chemical Safety, Electrical Safety and Related Products - Emergency Response, Hazmat Clothing and Related Products
633-15	Rainwear - Lightweight rainwear including police rainwear, rain hats, caps, cap covers
633-16	Footwear - Men's over-the-sock boots for work, uniform, sport; Women's over-the-sock boots for work, uniform, sport
633-18	Footwear - Men's or Women's rubber overshoes, work & utility boots, hip & knee, waders
633-19	Footwear - Men's and Women's safety toe shoes or boots
633-21a	Shipboard/Aircraft Anti-Exposure Immersion or Immersion/Flotation Clothing Coast Guard approved 46 CFR 160.053 or 160.064; UL Standard 1197 and Coast Guard approved 46 CFR 106.171 and clothing not requiring specific approvals.
633-22	Extreme Cold Weather Clothing - Coats, jackets, vests, hoods, hats
633-23	Extreme Cold Weather Clothing - Overalls, coveralls, pants, insulated

- 633-25 Footwear - Boots, insulated, waterproof for extreme cold weather or snow
- 633-26 Special Purpose Work Clothes - Disposable Clothing (excluding food prep gloves and clothing)
- 633-27 Special Purpose Work Clothes - Coveralls, General Purpose, Detainee Clothing
- 633-30 Structural Firefighting Clothing - Coat, Turnout – NFPA 1971 certification required; Trousers, Turnout – NFPA 1971 certification required; Helmets – NFPA 1972 certification required.
- 633-30A Structural Firefighting Clothing - Coat, Proximity – NFPA 1976 certification required; Trousers, Proximity – NFPA 1976 certification required; Helmets, Proximity – NFPA 1976 certification required.
- 633-32 Structural Firefighting Clothing - Boots, Bunker & Hip – NFPA 1971 certification required
- 633-33 Structural Fire Fighting Clothing – Gloves
- 633-35 Structural Fire Fighting Clothing – Protective Hoods
- 633-37 Structural Firefighting Clothing - Fire Fighter’s Station Wear – NFPA 1975 certification required
- 633-38 Wildland Firefighting Clothing Personal Protection - Shirts and Pants (BDUs) Flame Resistant – NFPA 1977 certification required
- 633-39 Wildland Firefighting Clothing Personal Protection – Brush Shirts, Pants, Coats, Jackets, Jumpsuits, Flame Resistant – NOT NFPA certified
- 633-43 Wildland Firefighting Clothing Personal Protection – Helmets, Safety, Wildfire – NFPA 1977 certification required
- 633-40 Flotation Devices - Personal Flotation Devices – Coast Guard approved under 46 CFR 160.064; Personal Flotation Devices – NOT COAST GUARD APPROVED
- 633-45 Helmets, Safety, Electrical, Construction, Welders
- 633-47 Security Wear, EMS Clothing and Related Products
- 633-48 High Visibility, Reflective Safety Products
- 630-50 Industrial Work Shirts and Pants
- 633-99 Introduction of New Services/Products (INSP) – Includes all similar/like items not specifically assigned under one of the preceding SINS





**FSC Group 84:
Law Enforcement and Security Equipment**

SIN	Description
426-1A	Miscellaneous Personal Equipment Consisting of belts, shell/ cartridge cases, speed loader cases, clip holders, handcuff cases, gun and flash-light holsters, flashlights (police, hand-held electric, penlight, traffic, etc.) baton rings, belt straps, ID cases, tactical equipment, duty gloves etc; composed of leather and other materials
426-1B	Body Armor – Including canine body armor
426-1C	Helmets
426-1D	Restraining Equipment Consisting of cuffs, batons, CN, CS and OC munitions, other less-lethal munitions, distraction devices, and accessories such as neutralizers and gas masks
426-1G	Miscellaneous Non-Personal Law Enforcement Products, to include forced entry tools and vehicle disabling equipment
426-2A	Canine Training & Handling Equipment and Canine Search & Detection
426-3A	Emergency Signal Systems consisting of sirens, light bars, spot and flood lights, beacon warning devices, PA speakers and systems, control consoles
426-3B	In-Vehicle Protection and Restraint Systems
426-3D	Bicycles, Police
426-4C	Night Vision Equipment, to include camera equipment used in conjunction with night vision equipment
426-4D	Alcohol Detection Kits and Devices
426-4E	Bomb Disposal and Hazardous Material Protective/Detective Equipment
426-4F	Emergency Preparedness and First Responder Equipment and Services, including, but not limited to, emergency preparedness action plans, emergency response equipment and services, post incident response equipment and services



- 426-4G Firearms Storage, Securing and Cleaning Equipment; Unloading Stations; Bullet Recovery Systems and Gun Racks.
- 426-4J Target Systems/Target Range Accessories to include Shatter Resistant Protective Lenses and shooters gloves
- 426-4K Metal and Bomb Detection Equipment: Includes Airport Security
- 426-4L Fingerprint Palmprinting (taking and detection), and Evidential Casting Materials
- 426-4M Drug Testing Equipment and Kits
- 426-4N Criminal Investigative Equipment and Supplies Consisting of: Forensic Investigative Equipment (tissue detection and location); Questioned Document Exam. Supplies/Kits; Chemical Analysis Test Kits for testing blood stains, gun powder residue, seminal fluid stains; Electronic Counter-measure equipment; Invisible Detection Materials (theft detection); Evidence Collection Containers
- 426-4Q Vehicle Monitor (Tracking) Systems and Speed Measurement (Radar) Devices
- 426-4S Surveillance Systems: Includes CCTV, Vehicular Video, Mirrors and Binoculars, observation towers, covert systems
- 426-5A Aircraft Armoring
- 426-99 Introduction of New Services/ Products





SCHEDULE 541

ADVERTISING AND INTEGRATED MARKETING SOLUTIONS (AIMS)

The services offered under this series enable you to selectively choose specialized marketing and media services on an as needed basis.

PROGRAMS IN THIS SECTION INCLUDE:

Federal Supply Group	Program Subtitle
541-1	Advertising Services
541-2	Public Relations Services
541-3	Web-Based Marketing Services (Small Business Set-Aside)
541-4A	Market Research and Analysis Services
541-4B	Video/Film Production Services
541-4C	Exhibit Design and Implementation Services
541-4D	Conference, Events and Tradeshow Planning Services (Small Business Set-Aside)
541-4E	Commercial Photography Services (Small Business Set-Aside)
541-4F	Commercial Art and Graphic Design Services (Small Business Set-Aside)
541-5	Integrated Marketing Services
541-1000	Other Direct Costs (ODCs)

Available Items Include:

- Media development and selection
- Press, public relations and crisis communications
- Website design and maintenance services
- Interactive marketing
- Conduct focus groups
- Writing, directing, shooting, arranging for talent/animation
- Shipping and storage of exhibit property
- Project management
- Aerial photography
- Develop conceptual designs and layouts for publications





Advertising Services

SIN	Description
541 1	<p>Advertising Services - Services provided under this SIN will promote public awareness of an agency's mission and initiatives, enable public understanding of complex technical and social issues, disseminate information to industry and consumer advocacy groups and engage in recruitment campaigns. Services include, but are not limited to the following components:</p> <ul style="list-style-type: none"> • Advertising objective determination • Message decision/creation • Media selection • Outdoor marketing and media services • Broadcast media (Radio, TV and Public Service Announcements) • Direct mail services • Media planning • Media placement services • Advertising evaluation • Related activities to advertising services

Public Relations Services

SIN	Description
541 2	<p>Public Relations Services - Services include, but are not limited to: providing customized media and public relation services such as the development of media messages and strategies; providing recommendations of media sources for placement of campaigns; preparing media materials such as: background materials, press releases, speeches and presentations and press kits. Other related services may fall under the following categories:</p> <ul style="list-style-type: none"> • Executing media programs • Conducting press conferences • Scheduling broadcast and/or print interviews • Press, public relations and crisis communications • Media training: Training of agency personnel to deal with media and media responses • Media alerts • Press clipping services • Related activities to public relations service

Web-Based Marketing Services (Small Business Set-Aside)

SIN	Description
541 3	<p>Web-Based Marketing Services (Small Business Set-Aside) - Develop strategies for an agency to provide the maximum use of their Internet capabilities. Typical tasks may involve the consultation, development and implementation of the following Web-based tasks:</p> <ul style="list-style-type: none"> • Web site design and maintenance services • Search engine development • E-mail marketing • Interactive marketing • Web based training • Web casting • Video conferencing via the Web • Section 508 compliance, including captioning services • Online media management • Related activities to Web-based marketing services • Media will also be provided in a format that is compatible with the ordering agency's software requirements. Continual Web site updates and maintenance may also be required.

Market Research and Analysis Services

SIN	Description
541 4A	<p>Market Research and Analysis - Services include, but are not limited to:</p> <ul style="list-style-type: none"> • Customizing strategic marketing plans • Branding initiatives • Creating public awareness of products, services, and issues • Targeting market identification and analysis • Establishing measurable marketing objectives, determining market trends and conditions, identifying, and implementing appropriate strategies • Conducting focus groups, telemarketing, individual interviews, preparing/distributing surveys, and compiling/analyzing results • Establishing call centers (in relation to services provided under this schedule)

Video/Film Production Services

SIN	Description
541 4B	<p>Video/Film Production - Videotape and film production services will be provided to inform the public and Government agencies about the latest products, services, and/or issues in various outputs such as: industry standard formats, CD-ROM, DVD and video streaming development. Filming in studios, on location, live shows, or events may also be required. Examples of services include, but are not limited to:</p> <ul style="list-style-type: none"> • Writing • Directing • Shooting • Arranging for talent/animation • Narration • Music and sound effects • Duplication • Distribution • Video scoring • Editing



Exhibit Design and Implementation Services

SIN	Description
541 4C	<p>Exhibit Design and Implementation Services - Making all necessary arrangements for exhibits in various venues (museums, malls, tradeshows, etc.) may be required. The key components within the category include, but are not limited to:</p> <ul style="list-style-type: none"> • Conceptualizing, designing and producing exhibits and their accompanying materials • Providing and/or making recommendations for carpet and padding installation for exhibit property • Preview set-up and dismantling of exhibit property • Cleaning, prepping, and storing exhibit property for future use • Shipping exhibit property to and from designated site(s) • Media illumination services

Conference, Events and Tradeshow Planning Services (Small Business Set-Aside)

SIN	Description
541 4D	<p>Conference, Events and Tradeshow Planning Services (Small Business Set-Aside) - Services include the making of all necessary arrangements for conferences, seminars and tradeshows. Event-marketing services may include but are not limited to the following services for a show, event and/or booth:</p> <ul style="list-style-type: none"> • Project Management • Coordination and implementation of third party participation • Collection management of third party payment for participation • Liaison support with venue • Audiovisual and information technology support • Topic and speaker identification • Site location research • Reservation of facilities • On-site meeting and registration support • Editorial services • Automation and telecommunications support • Design and editing productions • Mailing and other communication with attendees including pre-post meeting mailings/travel support and computer database creation

Commercial Photography Services (Small Business Set-Aside)

SIN	Description
541 4E	<p>Commercial Photography Services (Small Business Set-Aside) - Photography services under this SIN may be used for commercial advertisements and/or illustrations that will appear in books, magazines, and/or other media. Services may include but are not limited to:</p> <ul style="list-style-type: none"> • Black and white, color photography • Digital photography • Aerial photography • Architectural photography • Still photographs • Field and studio photography • Related services such as photo editing and high-resolution scans

Commercial Art and Graphic Design Services (Small Business Set-Aside)

SIN	Description
541 4F	<p>Commercial Art and Graphic Design Services (Small Business Set-Aside) - Commercial art, graphic design, and special effects that educate the consumer market about a product or service, may be required along with updating, rewriting, and/or editing materials. Types of services may include, but are not limited to:</p> <ul style="list-style-type: none"> • Developing conceptual design and layouts • Providing copywriting and technical writing services • Creating sketches, drawings, publication designs, and typographic layouts • Furnishing custom or stock artwork (including electronic artwork)

Integrated Marketing Services

SIN	Description
541 5	<p>Integrated Marketing Services - This SIN will be used to offer a complete solution that integrates various services found under the other SINs. Services required under this SIN may include the creation of comprehensive solutions using strategically targeted marketing plans that include full service execution of media planning and creative multimedia campaigns. These comprehensive solutions include services available separately under: 541-1 Advertising, 541-2 Public Relations, 541-3 Web Based Marketing, and 541-4 Specialized Marketing. Contractors must have the capabilities to provide services identified within all Special Item Numbers. NOTE: SIN 541-5 may not be used to fulfill individual requirements that are covered separately by other SINs in this schedule. SIN 541-5 may only be used to fulfill comprehensive agency requirements that span multiple service offerings from the schedule.</p>

Other Direct Costs (ODCs)

SIN	Description
541 1000	<p>Other Direct Costs (ODCs) are expenses other than labor hours - All ODCs proposed must be directly related to a service being offered under this Schedule and can only be purchased in conjunction with the Schedule service. Possible ODCs may include such items such as audio/visual equipment, facility rental, commercial production, media costs, booth space rental, etc.</p>



SCHEDULE 736

TEMPORARY ADMINISTRATIVE AND PROFESSIONAL STAFFING (TAPS) SERVICES SMALL BUSINESS SET-ASIDE SCHEDULE

Do these events leave your office with a personnel shortfall?

- Deployment
- A76 / Fair Act
- Buyout-Frozen Positions
- Downsizing
- Pressing Deadlines
- Short In-House Expertise
- Unexpected Jury Duty
- Long-Term Illnesses
- Family Emergencies

Positions are filled on a Temporary Basis (IAW 5 CFR Part 300-503) for up to 120 workdays.

If the situation continues to exist beyond the initial 120 workdays, the agency may extend its use of TAPS up to the maximum limit of 240 workdays. With as little as 24 hours notice, private industry experts under GSA Temporary Administrative and Professional Staffing (TAPS) Services Schedule will provide your agency with proven and qualified temporary workers.

Look to this schedule for Temporary Support Service Solutions.

Available Services Include:

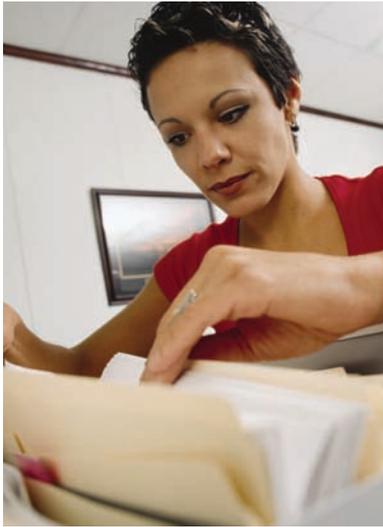


- | | |
|---------------------------------|-----------------------------|
| Architect | Paralegal/Legal Assistant |
| Attorney | Personnel Assistant |
| Audiovisual Librarian | Photographer |
| Cashier | Pipefitter |
| Computer Data Librarian | Plumber |
| Court Reporter | Program Analyst |
| Desk Clerk | Public Affairs Officer |
| Drafter | Real Estate Assistant |
| Duplicating Machine Operator | Secretary |
| Electrician | Shipping/Receiving Clerk |
| Electronics Technician | Survey Worker (Interviewer) |
| Engineering Technician | Tools and Parts Attendant |
| Financial Analyst | Warehouse Specialist |
| Food Service Worker | |
| Forklift Operator | |
| Graphic Artist (Designer) | |
| Grounds Maintenance | |
| Housing Referral Assistant | |
| Illustrator | |
| Janitor | |
| Librarian | |
| Logistics Management Specialist | |
| Maintenance | |
| Market Research Analyst | |
| Motor Vehicle Dispatcher | |
| Occupational Analyst | |

**FSC Group R699:
Temporary Administrative and Professional Staffing (TAPS) Services**

SIN	Description
736-1	<p>Administrative Support and Clerical Occupations – THIS SIN IS SET ASIDE FOR SMALL BUSINESS CONCERNS ONLY. Including but not limited to the following occupational categories: Administrative Clerk, Accounting Clerk I-IV, Audit Clerks, Court Reporters, Motor Vehicle Dispatcher, Document Preparation Clerk, Messenger (Courier), Duplicating Machine Operator, Film/Tape Librarian, General Clerk I-IV, Housing Referral Assistant, Key Entry Operator I-II, Order Clerk I-II, Personnel Assistant (Employment) I-IV, Production Control Clerks, Rental Clerk, Secretaries I-V (Clerical, Medical, Executive, Legal), Service Order Dispatcher, Stenographer I-II, Supply Technician, Switchboard Operator-Receptionist, Test Examiner, Test Proctor, Travel Clerk I-III, Word Processor I-II, Maintenance Scheduler, Survey Worker (Interviewer), Transcribing Machine Operator (Legal, Medical), etc.</p>
736-2	<p>Automatic Data Processing Occupations – THIS SIN IS SET ASIDE FOR SMALL BUSINESS CONCERNS ONLY. Including but not limited to: Computer Data Librarian, Computer Operators I-V, Computer Programmers I-IV, Computer Systems Analyst I-III, Peripheral Equipment Operator, Program Analyst, Software Tester, Web Support Technician, etc.</p>
736-3	<p>General Services and Support – THIS SIN IS SET ASIDE FOR SMALL BUSINESS CONCERNS ONLY. Two Subcategories:</p> <p><u>Material Handling and Packing Occupations</u> including but not limited to the following occupational categories: Forklift Operator, Janitor, Laborer, Grounds Maintenance, Logistics Management Specialist, Material Coordinator, Material Handling Laborer, Order Filler, Shipping/Receiving, Shipping Packer, Store Worker I, Stock Clerk (Shelf Stocker; Store Worker II), Tools and Parts Attendant, Warehouse Specialist, etc.</p> <p><u>Mechanics and Maintenance and Repair Occupations</u> including but not limited to the following occupational categories: Electrician, Maintenance, Electronics Technician, Maintenance I-III, General Maintenance Worker, Laborer, Machinery Maintenance Mechanic, Machinist, Maintenance Trades Helper, Pipefitter, Plumber, etc.</p>





- 736-4 Information and Arts Occupations, Including Miscellaneous Occupations – THIS SIN IS SET ASIDE FOR SMALL BUSINESS CONCERNS ONLY. Including but not limited to the following occupational categories: Audiovisual Librarian, Illustrator I-III, Librarian, Library Technician, Photographer I-V, Public Affairs Officer, Instructor, Child Development I-III, Food Service Worker, Quality Assurance, Food Inspector, Cashier, Desk Clerk, Inspector, etc.
- 736-5 Technical and Professional Occupations – THIS SIN IS SET ASIDE FOR SMALL BUSINESS CONCERNS ONLY. Including but not limited to the following categories of occupations: Accounting Support, Audit Support, Contracting Support (Contract Specialist/Administrator), Desktop Publisher, Librarian, Procurement Clerk, Researcher, Real Estate Assistant, Drafter/Designer, Cartographic Technician, Computer Based Training (CBT), Civil Engineering Technician, Drafter I-IV, Engineering Technician I-IV, Environmental Technicians, Graphic Artist (Designer), Paralegal/Legal Assistant I-IV and other Legal Occupations, Laboratory Technician, Technical Writer,.
- 736-99 Introduction of New Labor Categories for Temporary Services – THIS SIN IS SET ASIDE FOR SMALL BUSINESS CONCERNS ONLY. Includes any new occupational category(s), EXCLUDING HEALTH OCCUPATIONS AND CONSTRUCTION LABOR CATEGORIES, which exists in the commercial market or one that is being developed, improved, or has not yet been introduced to the Federal Government. The new category(s) must not be currently available under any GSA contract and must be categorically related to the procurement program, i.e., temporary administrative, clerical, data processing, professional, and/or general support.
Note: The occupational category must reflect a title used by the Government, as listed by DOL or the Office of Personnel Management.

VALUABLE INFORMATION

Schedules e-Library

Schedules e-Library is the online source for the latest contract award information for GSA and Department of Veterans Affairs (VA) Schedules, as well as Governmentwide Acquisition Contracts (GWACs).

Schedules e-Library provides information on which suppliers have a contract and what items are available, by using various search options—i.e., Contractor/Manufacturer Name, Contract Number, Special Item Number (SIN), Schedule Number, GWAC Name, or Keywords.

This program utilizes the advances of electronic commerce while providing access 24 hours a day, 7 days a week.

Other features include:

- Access to information on millions of supplies and services;
- Information on the latest Schedule program changes, including an “In the Spotlight” news area;
- Direct links to the *GSA Advantage!*[®] Online Shopping for E-Business and e-Buy, GSA’s electronic Request For Quotation (RFQ) system;
- Ability to download contract award information in an Excel format by Schedule, SIN, or GWAC category (functional area);
- Links to contractor websites, e-mail addresses, and text files containing contract terms and conditions; and
- New and improved look for easier browsing and navigation.

GSA Advantage![®]

GSA Advantage![®] is the online shopping and ordering system that provides access to thousands of contractors and millions of supplies and services. Although anyone may browse on *GSA Advantage!*[®], only a federal government employee with a GSA SmartPay[®] purchase card or a GSA Activity Address Code (AAC) may shop on *GSA Advantage!*[®].

By using *GSA Advantage!*[®] you can:

- Search for items using keywords, part numbers, National Stock Numbers, supplier names, contract numbers, etc.
- Compare features, prices, and delivery options
- Configure products and add accessories
- Place orders directly online
- Review delivery options
- Select a convenient payment method
- View order history to track status, reorder, or cancel

e-Buy

e-Buy, a component of GSA *Advantage!*[®], is an online Request for Quotation (RFQ) tool designed to facilitate the request for submission of quotations for a wide range of commercial supplies and services that are offered by GSA Schedule and Governmentwide Acquisition Contract (GWAC) contractors.

For federal agencies (buyers), e-Buy maximizes their buying power by leveraging the power of the Internet to increase Schedule and GWAC contractor participation to obtain quotations that result in best value purchase decisions.

For Schedule and GWAC contractors (sellers), e-Buy provides greater opportunities to offer quotations and increase business volume for supplies and services provided under their Schedule contracts and GWACs.

Ordering Procedures for Supplies and Services Not Requiring a Statement of Work (SOW)

Ordering activities shall use the procedures in Federal Acquisition Regulation (FAR) 8.405-1 when ordering Schedule contract supplies and fixed-price services for a specific task, where a Statement of Work (SOW) is not required—e.g., installation, maintenance, and repair. (**Note:** Ordering activities shall use the procedures in FAR 8.405-2, Ordering Procedures for Services Requiring a Statement of Work (SOW), when ordering Schedule contract services priced at hourly rates.)

When ordering services exceeding \$100,000 *using Department of Defense (DoD) funds*, ordering activities shall follow the Defense Federal Acquisition Regulation Supplement (DFARS), which has been amended to implement Section 803 of the National Defense Authorization Act for Fiscal Year 2002 (Public Law 107-107). DoD offices and non-DoD activities placing orders on behalf of DoD should refer to DFARS 208.404-70 for additional information regarding ordering procedures and documentation requirements.

Orders at, or below, the micro-purchase threshold

The ordering activity may place orders with any GSA Schedule contractor that can meet the agency's needs. The ordering activity should attempt to distribute orders among Schedule contractors.

Orders exceeding the micro-purchase threshold, but not exceeding the maximum order threshold

Note: Each Schedule contract has a maximum order threshold, which will vary by special item number. The maximum order threshold represents the point where, given the dollar value of the potential order, the ordering activity shall seek a price reduction.

To ensure a **best value** determination is made, as required by FAR 8.404(d), the ordering activity shall:

- Survey at least three Schedule contractors through the online shopping service *GSA Advantage!*[®] or review the catalogs or pricelists of at least three Schedule contractors, and seek additional price reductions where appropriate;
- Select the **best value**; and
- Place the order directly with the Schedule contractor.

When an order contains brand name specifications, the ordering activity shall post the Request for Quotation (RFQ) along with the justification or documentation required by FAR 8.405-6.

When determining "**best value**," the ordering activity may consider, among other factors, the following:

- Price, including any additional price reductions offered
- Past performance
- Special features of the supply or service required for effective program performance
- Trade-in considerations
- Probable life of the item selected compared with that of a comparable item
- Warranty considerations
- Maintenance availability
- Environmental and energy efficiency considerations
- Delivery terms
- Socioeconomic status

Ordering activities may consider socioeconomic status when identifying contractors for consideration or competition for award of an order or a Blanket Purchase Agreement (BPA). At a minimum, ordering activities should consider, if available, at least one small business, veteran-owned small business, service disabled veteran-owned small business, HUBZone small business, women-owned small business, or small disadvantaged business Schedule contractor. [GSA Advantage[®]](#) and [Schedules e-Library](#) contain information on small business representations of Schedule contractors.

Orders exceeding the maximum order threshold or when establishing a BPA

In addition to following the ordering procedures, above, for orders exceeding the micro-purchase threshold, but not exceeding the maximum order threshold, the ordering activity shall:

- Review the pricelists of additional Schedule contractors (the [GSA Advantage[®]](#) online shopping service can be used to facilitate this review);
- Based upon the initial evaluation, seek price reductions from the Schedule contractors considered to offer the best value; and
- Place the order, or establish the BPA, with the Schedule contractor that provides the best value. If further price reductions are not offered, an order may still be placed.

Documentation

At a minimum, the ordering activity shall document:

- The Schedule contracts considered, noting the contractor from which the supply or service was purchased;
- A description of the supply or service purchased;
- The amount paid; and
- If applicable, the circumstances and rationale for restricting consideration of Schedule contractors to fewer than required in these ordering procedures (see FAR 8.405-6).

REMEMBER! Ordering activities placing GSA Schedule contract orders with (*particularly if governmentwide commercial purchase cards are used*), should advise Schedule contractors that they are authorized Schedule users and cite the appropriate Schedule contract number on each ordering document, in order to ensure that they receive Schedule contract supplies and services at Schedule contract prices. All supplies and services ordered shall be within the scope of the GSA Schedule contract.

Ordering Procedures for Services Requiring a Statement of Work (SOW)

Ordering activities shall use the procedures in [Federal Acquisition Regulation \(FAR\) 8.405-2](#) when ordering Schedule contract services priced at hourly rates. The applicable services will be identified in Schedule publications and contractors' Schedule pricelists. (**Note:** Ordering activities shall use the procedures in [FAR 8.405-1, Ordering Procedures for Supplies, and Services Not Requiring a Statement of Work \(SOW\)](#), when ordering Schedule contract supplies and fixed-price services for a specific task, where a Statement of Work is not required—e.g., installation, maintenance, and repair.)

When ordering services exceeding \$100,000 *using Department of Defense (DoD) funds*, ordering activities shall follow the [Defense Federal Acquisition Regulation Supplement \(DFARS\)](#), which has been amended to implement Section 803 of the National Defense Authorization Act for Fiscal Year 2002 (Public Law 107-107). DoD offices and non-DoD activities placing orders on behalf of DoD should refer to DFARS 208.404-70 for additional information regarding ordering procedures and documentation requirements.

When ordering services requiring a Statement of Work, ordering activities shall—

Prepare a Request for Quotation (RFQ) that includes:

- **A Statement of Work.**

To the maximum extent practicable, agency requirements shall be performance-based statements.

All SOWs shall include the work to be performed, the location of the work, the period of performance, the deliverable schedule, the applicable performance standards, and any special requirements (e.g., security clearances, travel, and special knowledge).

- **The evaluation criteria (e.g., project plan for performing the task, price, experience, and past performance).**

A firm-fixed price order shall be requested, unless the ordering activity makes a determination that it is not possible at the time of placing the order to estimate accurately the extent or duration of the work or to anticipate cost with any reasonable degree of confidence. When such a determination is made, a labor-hour or time-and-materials quotation may be requested. The firm-fixed price of the order should also include any travel costs or other direct charges related to performance of the services ordered, unless the order provides for reimbursement of travel costs at the rates provided in the Federal Travel or Joint Travel Regulations. A ceiling price must be established for labor-hour and time-and-materials orders.

Ordering activities may consider socioeconomic status when identifying contractors for consideration or competition for award of an order or a Blanket Purchase Agreement (BPA). At a minimum, ordering activities should consider, if available, at least one small business, veteran-owned small business, service disabled veteran-owned small business, HUBZone small business, women-owned small business, or small disadvantaged business Schedule contractor. [GSA Advantage!](#)[®] and [Schedules e-Library](#) contain information on small business representations of Schedule contractors.

- **A requirement for pricing information that ties the offered prices to the Schedule contract prices and seeks additional price reductions where appropriate.**

Transmit the RFQ to GSA Schedule Contractors

The RFQ may be posted to e-Buy, GSA's electronic RFQ system.

- **Orders at, or below, the micro-purchase threshold.**

The ordering activity may place orders with any GSA Schedule contractor that can meet the agency's needs. The ordering activity should attempt to distribute orders among Schedule contractors.

- **Orders exceeding the micro-purchase threshold, but not exceeding the maximum order threshold.**

The ordering activity shall provide the RFQ (including the SOW and evaluation criteria) to at least three Schedule contractors that offer services that meet the agency's needs.

The ordering activity should request that contractors submit firm-fixed prices to perform the services identified in the SOW.

Note: Each Schedule contractor has a maximum order threshold, which will vary by special item number. The maximum order threshold represents the point where, given the dollar value of the potential order, the ordering activity shall seek a price reduction.

- **Orders exceeding the maximum order threshold or when establishing a BPA.**

In addition to meeting the requirements, above, for orders exceeding the micro-purchase threshold, but not exceeding the maximum order threshold, the ordering activity shall—

Provide the RFQ (including the SOW and evaluation criteria) to an appropriate number of additional Schedule contractors that offer services that will meet the needs of the ordering activity. When determining the appropriate number of additional Schedule contractors, the ordering activity may consider the complexity, scope, and estimated value of the requirement, and the market search results.

Seek price reductions.

- **Distribution of the RFQ.**

The ordering activity shall provide the RFQ (including the SOW and the evaluation criteria) to any Schedule contractor that requests a copy.

Evaluate Responses and Place the Order or Establish the BPA

The ordering activity shall evaluate all responses received using the evaluation criteria in the RFQ.

GSA has already determined that the hourly rates for services contained in the Schedule contractor's pricelist are fair and reasonable. However, the ordering activity is responsible for considering the level of effort and the mix of labor proposed to perform a specific task being ordered, and for determining that the total firm-fixed price or ceiling price is fair and reasonable.

The ordering activity should then place the order, or establish the BPA, with the Schedule contractor that represents the best value (see FAR 8.404(d)).

After award, the ordering activity should provide timely notification to unsuccessful offerors. If an unsuccessful offeror requests information on an award that was based on factors other than price alone, a brief explanation of the basis for the award shall be provided.

Documentation

At a minimum, the ordering activity shall document:

- The Schedule contracts considered, noting the contractor from which the service was purchased;
- A description of the service purchased;
- The amount paid;
- If applicable, the circumstances and rationale for restricting consideration of Schedule contractors to fewer than required in these ordering procedures (see FAR 8.405-6);
- The evaluation methodology used in selecting the contractor to receive the order;
- The rationale for any tradeoffs in making the selection;
- The fair and reasonable price determination; and
- If applicable, the rationale for using other than a firm-fixed price order or a performance-based order.

REMEMBER! Ordering activities placing GSA Schedule contract orders (particularly if governmentwide commercial purchase cards are used), should advise Schedule contractors that they are authorized Schedule users and cite the appropriate GSA Schedule contract number on each ordering document, in order to ensure that they receive Schedule contract services at Schedule contract prices. All services ordered shall be within the scope of the GSA Schedule contract.

Disaster Recovery Purchasing (Section 833)

Disaster Recovery Purchasing makes all GSA Multiple Award Schedules available to all state and local governments to enable them to respond and assist in the recovery from a disaster.



State and local governmental entities may use GSA Schedule contracts to purchase products and services in advance of a major disaster declared by the president, as well as in the aftermath of an emergency event. State and local governmental entities are responsible for ensuring that the products or services purchased are to be used to facilitate recovery.

This is a voluntary program for Schedule contract holders and state and local governments.

All GSA Multiple Award Schedule contracts are open to state and local government agencies for the specific purpose of disaster recovery only.

For more information visit: www.gsa.gov/disasterrecovery

GSA Greater Southwest Acquisition Center Events

Look for our booth at the following events:



- American Correctional Food Service Conference
- Autotestcon Conference
- American Society of Industrial Security (ASIS) Conference
- DOD Maintenance Symposium & Exposition
- Energy Conference
- GSA Expo
- GovSec, US Law, Ready Conference
- International Chiefs of Police Conference
- International Food Services Executive Association
- International Security Conference (ISC) West
- International Workboat Show
- Modern Day Marine Conference
- Outreach Europe Conference
- National Guard Show
- Professional Housing Management Association
- Association of the United States Army (AUSA) Annual Meeting



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