

Quality Solutions

for a variety of products and services



Let us help you design and customize your next project!

- *Facility Management Systems*
- *Services*
- *Security Systems*
- *Athletic Facilities*
- *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
7810-01-490-2331	Athletic & Sporting Equipment
7830-01-490-2330	Fitness Equipment & Supplies
8465-01-490-2328	Law Enforcement & Security Equipment
3930-01-496-0409	Industrial & Commercial Forklifts
4110-01-496-0407	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/AO5 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. Customers must contact the MAS contractor for specific pricing information (see www.gsa.gov/elibrary).

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

GENERAL PRODUCTS 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 General Products Acquisition Center's Multiple Award Schedules Program has 9 schedules.

The Business Lines are:

- (1) Buildings and Building Materials/Industrial Services and Supplies*
- (2) Total Solutions for Law Enforcement, Security, Facilities Management, Fire Rescue, Clothing, Marine Craft and Emergency/Disaster Response*
- (3) Food Service, Hospitality, Cleaning Equipment and Supplies, Chemicals and Services*
- (4) Sports, Promotional, Outdoor, Recreational, Trophies and Signs*
- (5) Temporary Administrative and Professional Staffing*
- (6) Laboratory and Testing Analysis Services*
- (7) Test and Measurement Equipment, Unmanned Aerial Vehicles, and Related Services*
- (8) Chemistry, Biochemistry, Clinical Instruments, General Purpose Laboratory Instruments and Services*
- (9) Geophysical, Environmental Analysis Equipment and 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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TOTAL SOLUTIONS FOR LAW ENFORCEMENT, SECURITY, FACILITIES MANAGEMENT, FIRE, RESCUE, CLOTHING, MARINE CRAFT AND EMERGENCY/DISASTER RESPONSE – www.gsa.gov/firesecurity



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Federal Supply Group

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Federal Supply Group



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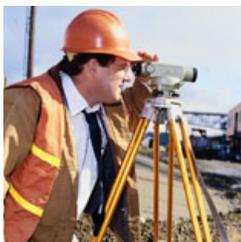
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HOW TO USE THIS PUBLICATION

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
59 & 66	Test and Measurement Equipment, Unmanned Aerial Vehicles, and Related Services
66, 37 & 41	Chemistry, Biochemistry, Clinical Instruments, General Purpose Laboratory Instruments and Services
66	Geophysical, Environmental Analysis Equipment and Services
61	Power Distribution Equipment, Generators, and Batteries
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99	Signs & Safety Zone Products
99	Trophies, Awards, Presentations, Promotional Products, Briefcases and Carrying Cases, Trade Show Displays & Exhibit Systems & All Related Products
736	Temporary Administrative & Professional Staffing
873	Laboratory and Testing Analysis 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

Want to learn more about Supply, Services and Procurement? Whether you are looking for Federal Supply Schedules information or need help finding what you need, we have the information source to assist you!

FSS Homepage – www.gsa.gov/fss

Your gateway to all of the services and benefits FSS offers. Here you can learn about schedules, products, services, and much more all in one convenient location.

GSA Advantage![®] – www.gsaadvantage.gov

GSA Advantage![®] provides online shopping and access to several hundred thousand contractors and millions of products and services. This site has recently been improved to make it even easier to shop and learn about our offerings.

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 quotes for a wide range of commercial services and products that are offered by GSA Federal Supply Schedule contractors who are on GSA Advantage![®].

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

Schedules e-Library is your source for the latest Federal Supply Schedules contract award information. Schedules e-Library features ordering information, complete and up-to-date schedule listings, as well as a powerful search engine that allows you to locate what you need quickly and easily.

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

The FSS Center for Acquisition Excellence is available online free of charge, 24 hours a day, 7 days a week to provide you with online training and the latest Schedules 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

For your convenience, GSA offers a Centralized Mailing List Service (CMLS) that maintains copies of various publications. Just let us know which publications you are interested in and we will mail them to you free of charge.

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

Federal Supply Service offers a worldwide network of knowledgeable CSDs. Wherever you are located, there is a CSD in your region to assist you with problem resolution and to answer all of your questions. The CSDs also offer seminars on a variety of useful topics. They are your #1 source for information on all of GSA's supply programs.

FSS BUSINESS UNITS

Need help with a specific product or service category? FSS eight Business Units offer commodity-specific support to customers. The Business Units provide products and services expertise while also assuring the best selection and value to our customers. Below is contact information for each Business Unit.

FSS Business Units	Telephone/Web Address
<p>Vehicle Acquisition and Leasing Services Provides light trucks, medium/heavy trucks, ambulances, buses, trailers, tankers, wreckers and rollbacks, construction and highway maintenance equipment and attachments, aerial lifts, tires and vehicle accessories.</p>	<p>(703) 308-CARS (2277) www.gsa.gov/vehicles</p>
<p>General Products Acquisition Center Includes buildings and building materials; food service, hospitality, cleaning equipment and supplies; sports, promotional, outdoor, recreational; law enforcement, security, facilities management, fire, rescue; laboratory and testing analysis services, test and measurement equipment, unmanned aerial vehicles and related services, chemistry, biochemistry, clinical instruments, general purpose laboratory instruments and services, geophysical, environmental analysis equipment and services; temporary administrative and professional staffing services; and much more.</p>	<p>(817) 978-4545 www.gsa.gov/generalproducts</p>
<p>Hardware SuperStore Includes tools, appliances, lawn and garden equipment, paints, sealants, and adhesives.</p>	<p>(816) 926-6760 www.gsa.gov/superstore</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) 305-3038 www.gsa.gov/itcenter</p>
<p>Management Services Center Includes the following services: energy management, environmental advisory, MOBIS, language services and logistics.</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>(703) 305-7003 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) 305-6658 www.gsa.gov/servicesacquisition</p>



SCHEDULE 056

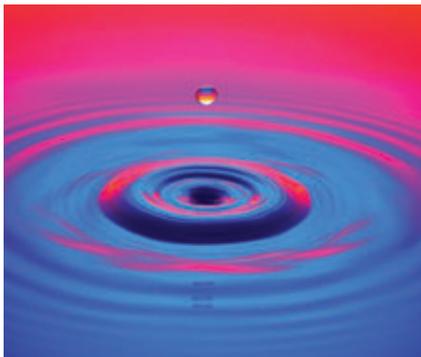
BUILDINGS AND BUILDING MATERIALS/ INDUSTRIAL SERVICES AND SUPPLIES

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
357-02	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
357-09B	Pallet Truck – Walk Behind, Powered and Non-powered
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
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
629-05	Lease/Rental of Forklifts
629-06	Maintenance of Forklifts



**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, reuse or pre-treat wastewater. These commercial unit(s) should remove contaminants (such as oil, soluble oil, grease and soil) from a waste stream & then automatically store the cleaned water for reuse. The unit(s) treats water from high-volume, stream or pressure cleaning operations, such as motor pool cleaning, road maintenance equipment cleaning & tool parts cleaning. Also, Feeder Systems 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. (FSC 4610)
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. (FSC 4630)
- 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
- 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 – Products that have the potential to provide economical and effective means for agencies to accomplish their mission

**FSC Group 49:
Maintenance and Repair Shop Equipment**

SIN	Description
253-19	Diagnostic Equipment, including, but not limited to dynamometers, multiple function testing, and analyzing units, or handheld units
253-2	Wheel & Tire Equipment – Including but not limited to alignment equipment, wheel balancing equipment, brake service equipment, and tire changing equipment
253-20	Automotive Material Handling Equipment, including but not limited to engine hoists, jacks, lifts, and engine stands
253-24	Lubrication Equipment – Including pumping, metering, and dispensing equipment
253-39	Air Compressors. Including single or multi-stage compressors, electric or gasoline engine powered
253-40	Environmental Equipment and Services related to Maintenance and Repair Shop Equipment – Including recycling services, refrigerant recycling, antifreeze coolant recycling, auto/truck filter crushers, auto hydraulic oil recyclers, waste oil refining units, aerosol can recycling units, drum crushers and solvent
253-46	Miscellaneous Maintenance and Repair Shop Supplies – Including, funnels, liquid measures, and gas cans
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 Relating to Maintenance and Repair Shop Equipment – Including installation, maintenance, and/or training
253-91	Lease/Rental of Maintenance and Repair Shop Equipment
253-99	Introduction of New Products/Services Relating to Maintenance and Repair Shop Equipment – Includes Burn-Off Oven, Electrical Tester Engine, Bore Scope, Fuel/Transmission Service Equipment, Spray Booth Filters, Surface Cleaners, Trailer Mounted Compressors

**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 (metal, steel, aluminum, wood and fiber-glass) and accessories/options, 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 – Multi-use, including but not limited to Equipment Shelters (Telecommunications and Power), Utility/Storage Buildings, Chemical/Hazardous Material Storage, Restroom/Restroom Shower Buildings, Guard Booths, Concession Stands and Smoking Shelters
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, including but not limited to wide span structures for aviation, environmental, dehumidified, materials handling, marine, military and port storage – Industrial and/or Recreational use.
- 361-10G Guard and Security Buildings, Booths, Houses, Shacks, Shelters (with or without Bullet Resistance) Portable or Stationary, Assembled and Unassembled including accessories and options – 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 and design assistance. Excludes Construction as defined by FAR 36.102
- 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/SingleTank including Parts & Accessories SET ASIDE FOR SMALL BUSINESS
361-20B	Above Ground Storage Tanks and/or Systems – Protected, Dual Compartment/DoubleTank including Parts & Accessories SET ASIDE FOR SMALL BUSINESS
361-21A	Above Ground Storage Tanks and/or Systems - Fire Resistant, Single Compartment/SingleTank including Parts & Accessories SET ASIDE FOR SMALL BUSINESS
361-21B	Above Ground Storage Tanks and/or Systems – Fire Resistant, Dual Compartment/DoubleTank including Parts & Accessories SET ASIDE FOR SMALL BUSINESS
361-22A	Above Ground Storage Tanks and/or Systems – Non-Vaulted, Single Compartment/SingleTank including Parts & Accessories SET ASIDE FOR SMALL BUSINESS
361-22B	Above Ground Storage Tanks and/or Systems – Non-Vaulted, Dual Compartment/DoubleTank including Parts & Accessories SET ASIDE FOR SMALL BUSINESS
	 
361-23	Above Ground Storage Tanks and/or Systems – Waste Oil including Parts & Accessories
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



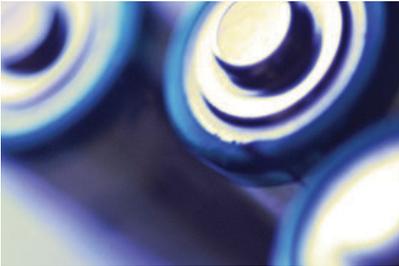
FSC Group 56: Building Materials

SIN	Description
563-1	Strip Doors, Plastic or Vinyl
563-10B	Metal Doors with closures, frames, and mounting hardware – (excludes all vault type doors)
563-15	Solar Window Film – transparent film with pressure sensitive adhesive (or equivalent) for application to glass to reduce solar heat gain, interior heat loss, ultra violet light and glare
563-16	Security Film, Blast Mitigation, Bullet Resistant, and Glass Fragmentation Products for Doors, Windows, and Walls – Including, but not limited to Transparencies, Glazings, And Film both clear and tinted, one-way
563-17	Security Doors and Security Windows – Including, but not limited to, Windows with Blast and Bullet Resistance, Forced Entry, and Ballistic protection, and accessories such as Window Bars, Hardware
563-18A	Bullet Resistant Panels, Metallic and Non-Metallic – Including Fiberglass Armada Plastic Composite, etc.
563-19	Lumber (treated & untreated), Plywood, & Siding Material
563-2	Air Curtains, Blowers, Fans, Air Barriers, and Cubicle Curtains, including, but not limited to, high velocity, misting, and utility fans, plus hardware and accessories for installation
563-20	Lumber and Fences (Plastic)
563-21	Wallboard - Sheetrock (gypsum)
563-22	Wood Doors & Door Frames – (interior and exterior) residential and commercial, patio doors and frames, and associated hardware offered in conjunction with wood doors and doorframes
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, & Faucets - (i.e., components of plumbing/bathroom fixtures, including but not limited to toilet seat cover dispensers and toilet soap dispensers, and 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, but not limited to accessories such as associated hardware offered in conjunction with the product
- 563-27 Space Heaters, Industrial and Commercial Heating/Air Conditioning (A/C) – Units with Accessories to include Heating/AC Filters (excluding portable/window wall or ceiling mounted household air conditioners, such as air and water cooled units)
- 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 (Polymide), & Insulating Varnish
- 563-30 Portable Roads, Airstrips, Helipads, etc. – used in combat zones and swamp, muddy, impassable areas due to inclement weather, etc., for temporary or permanent use
- 563-3D Wall coverings – Including, but not limited to Fabric, Vinyl, Stucco on Fabric Backing, Woven and Textured Fiberglass
- 563-4 Roofing Materials, Products and Services – Including, but not limited to products for roof coverings, coatings, and materials, single or multi-ply Membrane and Retro-roof systems with associated application materials, hot or cold laid, roofing felts, shingles (excluding wood shingles), asphalts, tar, and associated hardware. Roofing Services include, but are not limited to performance warranty/monitoring, roof and service maintenance, roof inspection, installation and site preparation, roof information management system design assistance, training and consultation, asbestos core-testing, moisture analysis, wind uplift testing, infrared scanning, etc.
- 563-6 Access and Portable Flooring – Including flooring used in buildings and warehouses, for permanent, temporary and/or portable floors installed for reasons such as flooding, chemical damage/protection, water damage, electrical wiring protection and other climatic reasons



563-7	Toilet Partitions, polymer plastic toilet partitions, urinal screens, repair panels mounting hardware
563-8	Erosion Control Fabric & Gabions, biodegradable and non biodegradable
563-98	Ancillary Services relating to Building Materials
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 Generator(s) – with a rated capacity of 6kw or less, including parts, options, and accessories
383-2	Portable, Standby or Prime Generator(s) – with a rated capacity exceeding 6kw, including parts, options, and accessories directly related to SIN 383-2
383-3	Load Banks And Load Bank Accessories
383-4	Generator Transfer Switch(es), including options and accessories
383-5	Batteries, Rechargeable, and Charger(s) – (i.e., nickel cadmium, nickel metal hydride, lithium-ion, etc), excluding vehicular and storage batteries
383-6	Batteries, Dry Cell, Non-Rechargeable – (carbon zinc, alkaline manganese dioxide, mercuric oxide, etc.)
383-7	Batteries, Stationary
383-8	Batteries, Storage, Motive, Vehicle, Parts (FSC 6140)



- 383-9 Battery and Alternator Monitoring Systems; Battery Spill Containment Systems; Parts and Accessories (FSC 6135 & 6140)
- 383-10 Portable Light Towers, including Gen-Sets and Batteries, Parts and Accessories (FSC 6105, 6110, 6140, 6145)
- 383-11 Lay Flat Extensions, Cable & Conduit Assemblies, Breakers and Extension Kits; including Parts and Accessories (FSC 6145 6150)
- 383-12 Rotary Motor Generators and UPS's (FSC 6105, 6110, 6115, 6125)
- 412-10 DC Regulated Power Supply
- 412-11 AC Regulated Power Supply
- 412-12 Line Conditioners
- 412-13 Inverters
- 412-14 Uninterruptible Power Supplies – (FSC 6130, 6125)
- 412-14-1 AC/DC and DC/DC Converters and UPS's (FSC 6120, 6125, 6150)
- 412-15 Power Distribution Units
- 412-16 Frequency Converters
- 412-17 Switchgear – including electrical lookout devices
- 412-18 Panelboards, Switchboards, Load Centers, Metering
- 412-19 Transformers
- 412-1A Automotive Battery Charger(s)
- 412-1B Industrial Truck(Motor Power) Battery Charger(s)
- 412-1C Stationary Battery Charger(s)
- 412-2 Accessories for Battery Charger(s) under 412-1

- 412-3 Class I-SCP Sneak Current Protector, current limiting fuse rated at 350 millilamps, 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 – Voltage sensitive device, will shunt any voltage above its rated clamping voltage directly to ground, response time within 10 nanoseconds
- 412-20 Electric Motors & Repair (Excluding Automotive), including Parts and Accessories (FSC 6105)
- 412-21 Electrical, Voltage, and Generator Controls, including, but not limited to, Miscellaneous Wiring, Parts and Accessories related to Power Distribution Equipment (FSC 6145, 6450)
- 412-50 Ancillary Services – related to and ordered in conjunction with products purchased under supply schedule contract, including services necessary to install the system (design through startup), maintain the system (including maintenance agreements), or training. Excludes personal or monitoring services
- 412-51 Installation Requiring Construction – related to and ordered in conjunction with power distribution equipment products purchased under supply schedule contract, including installation which requires construction as defined in FAR 36.102
- 412-52 Power Systems Engineering Support – including program management, engineering, technical, data management, and administrative support. Services offered under this SIN shall be for support of power systems & related projects only. Excludes personal services
- 412-6 Wall Outlet Surge Protectors
- 412-7 Wall Outlet Surge Protection and Electronic Noise Filter – For computers or other electronic equipment; plugs into standard three 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 distribution systems of 120 volt single phase, and 208 or 380 volt phase power distribution. SET ASIDE FOR SMALL BUSINESS
- 412-9 Motor Controllers / Motor Control Centers
- 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 System – Including all types of Solar Energy Products, such as Prepackaged PV and Solar Thermal Systems, Solar Outdoor Lighting, Solar Water Pumping Systems, and 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 – Including 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 and 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 Saving Lighting Products, and Specialty Lighting
206-99	Introduction of New Products/Services relating to Solar Energy Products, Energy Saving Lighting Products, and Specialty Lighting Applications





SCHEDULE 084

TOTAL SOLUTIONS FOR LAW ENFORCEMENT, SECURITY, FACILITIES MANAGEMENT, FIRE, RESCUE, 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 & Equipment
42	Firefighting & Rescue Equipment
63	Alarm & Signal Systems
84	Special Purpose Clothing
84	Law Enforcement & Security Equipment

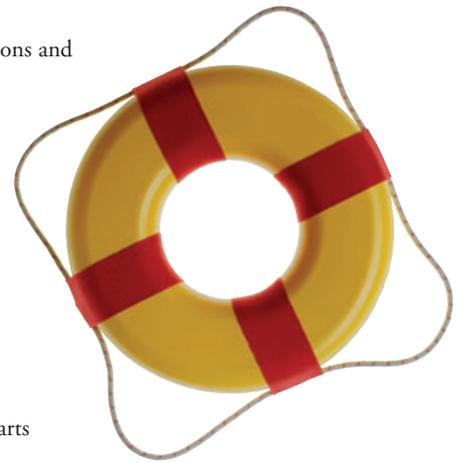
Available Items Include:



Boats	Protective Clothing
Marine Engines	Gloves & Footwear
Personal Watercraft	Police Clothing
Marine Barriers	Fire Fighting Clothing
Breathing Apparatus	Personal Protection Equipment
Hydraulic Rescue Tools	Vehicle Equipment
Portable Oxygen	Detection Equipment
Portable Tanks	Investigative Equipment
Patient Immobilization	Surveillance Equipment
Transportation Devices	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**

SIN	Description
260-1	Boats, Powered – Includes parts and accessories
260-3	Boats, Nonpowered – Includes life rafts, options and accessories
260-06	Boats, Inflatable, Powered and Nonpowered – Includes options and accessories
260-09	Inboard and Outboard Engines, Marine Diesel Propulsion Engines (Ranging Horsepower from 150-4,000) – Includes parts and accessories
260-12	Floating Marine Barriers and Booms, Floats, Perimeter Floats, and Moorings – Includes parts and accessories
260-98	Ancillary Services – Includes, but is not limited to installation of Boat Modification Packages, Training and Consultation
260-99	Introduction of New Products and Services Items Directly Related to Marine Equipment



**FSC Group 42:
Firefighting and Rescue Equipment**

SIN	Description
465-10	Emergency Patient Transportation and Immobilization Devices – Handicapped Evacuation Devices, Stretcher Chairs, Scoop Stretchers, Basket Stretchers, Splints, Fraction Aids, Cervical Spine Immobilization Collars, Ked or Similar Devices and Extraction Devices.
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) and Chemical Mixing Equipment (foam proportioners, injectors, educators).
465-17	Firefighting Distress/Signal Devices and Heat Sensing Devices – Includes but not limited to personal Alert Safety Systems (PASS), Fuses and Related Devices for Emergency Applications

- 465-19 Firefighting and Rescue Tools, Equipment and Accessories – Includes but not limited to Portable Hydraulic and Pneumatic, Jaws, Cutters, Rams and Files, Pulaski tools, Combi tools, Axes, Rakes, Shovels and Handles.
- 465-22 Breathing Air Equipment, Inhalator Devices, Respiratory Protection Products, Related Support Items and Solutions – SCBA's (self contained breathing apparatus), Air Compressors, Air Filtering Personal Equipment and Emergency Egress Equipment.
- 567-4 Helicopter Equipment and Products for Search and Rescue and Firefighting Applications – For the transport and delivery of firefighting agents and equipment by Helicopter. Includes but not limited to Chemical Injection Devices, Cargo Nets, Swivels, Lift Baskets, Drop Buckets, and other related accessories
- 567-8 Burning Equipment – Flame Throwers, drip torch, aerial ignition equipment.
- 567-15 Hoses, Valves, Fittings, Nozzles, Couplings and Related Accessories. Hoses: includes cotton, cotton-synthetic and synthetic materials; weeping, single jacket, double jacket and hard line design: Attach Hose, operations hoses and supply hose; large and small diameters; with and without couplings; threaded and quick disconnect couplings. Nozzles: includes all types of water and foam nozzles used to shape and control a firestream for firefighting purposes. Valves/Fittings: Includes wye valves, automatic check and bleeder valves, automatic pressure fuel valves, butterfly valves, horseshoe shut-off valves and all types of fittings. Related Accessories: Includes but not limited to reels, all types of couplings, fittings and accessories used to modify hose streams, fixate and mount nozzles, control water streams, etc.
- 567-99 Introduction of New Products and Services relating to Firefighting and Rescue Equipment

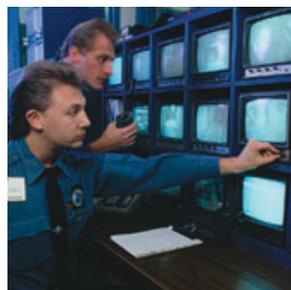




FSC Group 63: Alarm and Signal Systems

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 Gases, Flammable Gases
246-20-3	Miscellaneous Alarm and Signal Systems. Audible/Visual Warning/Signaling Devices, including radio alarms equipment (excluding those for vehicular use)
246-20-4	Miscellaneous Alarm and Signal Systems. Warning System Devices (Patient/Detainees)
246-23	Anti-Theft Material Alarm Control Systems for Detection of Property
246-25	Fire Alarm Systems (Excludes Fire Suppression Devices)
246-35-1	Access Control Systems – Door entry control by card access, magnetic proximity, including but not limited to Biometric
246-35-2	Access Control Systems – Door entry control by touch access, dial, digital, keyboard, keypad, including but not limited to Biometric, Voice, Fingerprint, Iris, Hand Geometry, Weight
246-35-3	Access Control Systems – Parking Access Control, including but not limited to Biometric
246-35-4	Access Control Systems – Emergency exit door access/alarm systems for security and/or fire safety, including but not limited to Biometric
246-35-5	Access Control Systems – Vehicle Arrest/Security Barrier/Barricade/Bollard Systems, Decorative Barrier Planters
246-35-6	Other Access Control Systems, Including but not limited to Biometric Access Control – Facial, Voice, Fingerprint, Iris Recognition, etc

- 246-36 Locking Devices, including padlocks and electronic locks not covered by SIN
- 246-40 Intrusion Alarms and Signal Systems, Including audible and visible 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, chillers)
- 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 relating to Security/Facility Management Systems – Including services necessary to install the system (design through startup), maintain the system (including maintenance agreements, or training). Excludes construction
- 246-51 Installation of Security/Facility Management Systems Requiring Construction as defined in FAR 36.102
- 246-52 Professional Security/Facility Management Services, including security consulting, training and facility management consulting
- 246-53 System Leasing – Relating to Security/Facility Management Systems
- 246-54 Guard Services
- 246-99 Introduction of New Products/Services relating to Alarm and Signal Systems/Facility Management Systems, Professional Security/Facility Management Services, and Guard Services





**FSC Group 84:
Special Purpose Clothing**

SIN	Description
633-1	Gloves – Industrial, Work and Cold Weather Gloves (Excludes Disposable Gloves)
633-4	Protective Worksuits, Waterproof, Chemical and Electrical Safety – Jackets, Coats and Hoods
633-6	Protective Worksuits, Waterproof, Chemical and Electrical Safety – Bib Overalls, Coveralls, Pants, 2-piece Suits
633-6a	Emergency Response/Hazmat Clothing and Related Products
633-15	Rainwear. Lightweight Rainwear, Including Police Rainwear, Caps, Hats and Covers.
633-16	Footwear. Men’s Over-the-Sock Boots (Work, Uniform, Sport) and Women’s Over-the-Sock Boots (Work, Uniform, Sport)
633-18	Footwear. Men’s or Women’s Overshoes, Rubber (Work Rubbers, Rubber Work and Utility Boots, Hip and Knee Boots, Waders, etc.)
633-19	Footwear – Men’s Safety Toe Shoes or Boots and Women’s Safety Toe Shoes or Boots
633-20	Immersion Flotation Clothing – Coveralls, Pants, Jackets, Coats with or without Beavertails. Designed to Keep Body Afloat, Not Dry. Provides Hypothermia Protection. Coast Guard Approved 46 CFR 160.053 or 160.064.
633-21	Abandon Ship Immersion Flotation Suit – Total coverage suits designed to keep body afloat and dry, protect against hypothermia. Shall meet requirements of UL Standard 1197, Coast Guard approved under 46 CFR 160.171.
633-21A	Shipboard/Aircraft Anti-Exposure Immersion Clothing Not Otherwise Covered
633-22	Extreme Cold Weather Clothing – Coats, Jackets, Vests, Hoods and Hats.
633-23	Extreme Cold Weather Clothing – Overalls, Coveralls, Pants, Insulated

- 633-25 Footwear – Boots, Insulated, Waterproof, Extreme Cold Weather
- 633-26 Special Purpose Work clothes – Disposable Clothing (excluding Food Preparation Gloves and Clothing)
- 633-27 Special Purpose Work clothes – Coveralls, General Purpose, Detainee Clothing
- 633-30 Structural Fire Fighting Clothing – Coat, Turnout; Trousers: Shall meet the requirements of NFPA 1971. Helmets are in accordance with NFPA 1971.
- 633-30A Structural Fire Fighting Clothing – Coat, Turnout, Proximity; Trousers, Proximity; Helmets, Proximity. Shall meet the Requirements of NFPA 1976
- 633-32 Structural Fire Fighting Clothing – Boots, Bunker and Hip. Shall meet the Requirements of NFPA 1971
- 633-33 Structural Fire Fighting Clothing – Gloves
- 633-35 Structural Fire Fighting Clothing – Protective Hoods
- 633-37 Structural Fire Fighting Clothing – Fire Fighter’s Station Wear. Shall meet the requirements of NFPA 1975.
- 633-38 Wildland Fire Fighting Clothing – Personal Protection. Shirts and Pants (BDU’s) NFPA 1977 Compliant
- 633-39 Wildland Fire Fighting Clothing – Personal Protection. Brush Shirts, Pants, Coats, Jackets, Jumpsuits – NFPA 1977 Compliant. Shirts, Pants, coats, Jumpsuits, coveralls – Flame Resistant. Not NFPA Compliant.
- 633-40 Flotation Devices Personal Flotation Devices, Coast Guard Approved Under 46 CFR 160.064; and Personal Flotation Devices Not Coast Guard Approved.
- 633-43 Personal Protection. Helmets, Safety, Wildfire – NFPA 1977 Compliant
- 633-45 Personal Protection. Helmets, Safety, Electrical Construction (Welder’s)
- 633-47 Security Wear, EMS Clothing and Related Products
- 633-48 High Visibility, Reflective Safety Products
- 633-49 Medical/Hospital Clothing (excludes disposable clothing)
- 630-50 Industrial Work Shirts and Pants
- 633-99 Introduction of New Products/Services relating to Special Purpose Clothing





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

SIN	Description
426-1A	Miscellaneous Personal Equipment Consisting of Belts, Shell Cartridge Cases, Speed Loader Cases, Clip Holders, Handcuff Cases, Gun and Flashlight Holsters, Flashlights (Police, Hand-Held Electric, Penlight, Traffic), Baton Rings, Belt Straps, ID Cases, Tactical Equipment, Duty Gloves, Etc.; composed of leather and other materials – THIS SIN DOES NOT INCLUDE FIREARMS OR AMMUNITION
426-1B	Body Armor (including canine body armor) and Ancillary Services such as Alterations, Measuring, etc.
426-1C	Helmets
426-1D	Restraining Equipment Consisting of Cuffs, Batons, CN, CS and OC Munitions, Other Less-Than-Lethal Munitions, Distraction Devices and Accessories such as Neutralizers and Gas Masks
426-1G	Miscellaneous Non-Personal Law Enforcement Equipment, Including Forced Entry Tools, Vehicle Disabling Equipment and Ear Mikes
426-2A	Canine Training and Handling Equipment, Canine Search and Detection
426-3A	Emergency Signal Systems Consisting of Sirens, Light Bars, Spot and Flood Lights, Beacon Warning Devices, Public Address Speakers and Systems and Control consoles
426-3B	In-Vehicle Protection and Restraint Systems
426-3D	Police Bicycles
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 and Detective Equipment



- 426-4F Emergency Preparedness and First Responder Equipment, Training and Services
- 426-4G Firearms Storage, Securing and Cleaning Equipment; Unloading Stations; Bullet Recovery Systems and Gun Racks – THIS SIN DOES NOT INCLUDE FIREARMS OR AMMUNITION.
- 426-4J Target Systems/Target Range Accessories to Include Shatter Resistant Protective Lenses and Shooters Gloves – THIS SIN DOES NOT INCLUDE FIREARMS OR AMMUNITION
- 426-4K Metal and Bomb Detection Equipment – Includes Airport Security, also ancillary services such as installation, training, etc.
- 426-4L Fingerprinting/Palmprinting (Taking and Detection) and Evidential Casting Materials
- 426-4M Drug Testing Equipment and Kits to include Ancillary drug testing services.
- 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 and Seminal Fluid Stains; Electronic Countermeasure Equipment; Invisible Detection Materials (Theft Detection); Evidence Collection Containers, etc.
- 426-99 Introduction of New Services/Products related to Law Enforcement and Security Equipment – THIS SIN DOES NOT INCLUDE FIREARMS OR AMMUNITION
- 426-4Q Vehicle Monitor (Tracking) Systems
- 426-4R Speed Measurement (Radar) Devices
- 426-4S Surveillance Systems: Includes CCTV, Vehicular Video, Mirrors and Binoculars, Observation Towers, Covert Systems and Ancillary Services such as Installation, Training, etc.
- 426-5A Aircraft Armoring and Ancillary Services.





SCHEDULE 073

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

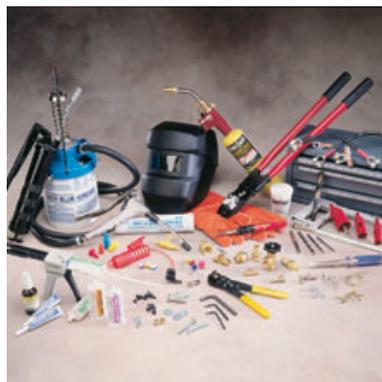
Available Items Include:



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 and product – for the effective treatment and deodorization of pit toilets, vault toilets, holding tanks, portable toilets, and re-circulating 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 and services
524-2	Boiler Feed, Cooling Water, and Closed Water Treatment Chemicals – product only or product with service
655-01	Propane
655-03	Service/Repair and or Rental Demurrage relating to Propane
658-1	Water Purification Chemicals – Includes products for water purification, waste water, 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 – Including commercial non-hazardous chemicals/formulations designed primarily for road stabilization or to safely melt/remove ice from roadways, walkways, runways, and roofs with minimal negative environmental impact
- 681-2 Aircraft Deicers – Including commercial chemicals or formulations designed to remove ice from aircraft wings or fuselage
- 681-3 Salt(s) (sodium chloride) for any purpose – i.e., conditioning or residency, water or fish hatchery, etc.
- 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, to include Desktop/Desktop, personal use, intermediate, common work area use recycling collection containers and accessories, and waste receptacles, including ash/trash combination units and accessories, and all types of interior trash can and recycle bins
384-4	Outdoor Recycling Containers and Waste Receptacles, to include exterior community use recycling containers and accessories, and waste receptacles including ash/trash combination units and accessories, and dumpsters
384-9	Industrial Trash Storage Containers without Compactor, Combination Industrial Trash, Storage Container with Compactor and Accessories
384-99	Introduction of New Services and Products relating to Recycling Containers and Waste Receptacles





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

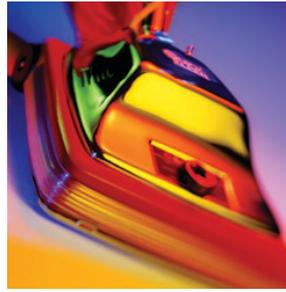
SIN	Description
302-1	Kitchen Management Solutions, including Dining Facility Services, Consultation, Design and Installation of Food Preparation Facilities, Catering, Mess Attendants, Chefs and Food Preparation Assistants
302-2	Emergency and Non-Emergency Food Service Support, including Emergency Water Filtration Units, Potable Water, Non-Perishable Subsistence Meals, Juices, Coffee, and Assorted Snack Food, Portable Kitchen Units, Mess Attendants and Cooks
302-3	Cooking Equipment, including Broilers, Compartment Pressure Cooker, Steam Cabinet, Convection Ovens/Steamers, Cook-Chill Systems, Deep Fryers/Specialty Fryers, Griddles/Grills/Hot Plates/Supplies, Microwaves, Other Specialty Ovens, i.e. Roaster, Pizza, etc, Ranges, Commercial, Steam Jacket Kettles, Tilting Skillets, Toasters (Pop-Up, Rotary), Mixer-Cooker, Food Warming Lamps, Vented Hoods
302-15	Sanitation and Ware washing Equipment including, Dishwashers, Ware washing and Ware washing Racks; Dishwashers, Front and Side Loading; Food Waste Disposers; Trash Compactors; Kitchen Sinks; Dishpans
302-20	Food Preparation Equipment, including Food Preparation Appliances; Meat Slicing Machines; Meat Tenderizing Machines; Electric Mixers; Food Preparation Tables and Stands; Packing, Wrapping and Labeling Supplies; Patty Making Machines; Can Openers; Bread Making Machines; Bread Slicing Machines; Bagel Machines
302-28	Food Service Carts and Holding and Transport Equipment, including Heated Proof Cabinets; Utility Carts; Caddy; Hot and Cold Food Carts; Steam Heated Food Warming Cabinets; Electrically Heated Food Warming Cabinets; Heated Self-Leveling Dispenser; Non-Heated Self-Leveling Dispenser; Silverware Dispenser; Tray Transport Carts; Tray and Pan Transport Carts
302-29	Food Measuring and Testing Devices, including Portion Scales; Receiving Scales; Thermometers; Other Miscellaneous Measuring and Testing Devices
302-30	Food Serving and Merchandising Equipment including Checkout Counters; Bakery Showcases; Coffee Brewing Machines and Supplies; Urns
302-34	Hot and Cold Food Counters – SET ASIDE FOR SMALL BUSINESS
302-36	Food and Beverage Dispensing Equipment including Cold Food and Liquid Dispensing Equipment; Hot Food and Liquid Dispensing Equipment

- 302-40 Food Preparation and Storage Small wares, including Shelving; Mobile Food Storage Ingredient Bins; Canister Food Storage Ingredient Bins; Pots and Pans; Kitchen Utensils; Mixing Bowls; Cutting Boards; Chopping Blocks; Cutlery
- 302-41 Food Service Items including, Dinnerware Server; Beverage Server; Hollowware; Miscellaneous Tabletop Accessories; Food Preparation Wearable, including Chef's clothing; Table covers
- 302-42 Food Service Storage Racks and Cabinets – SET ASIDE FOR SMALL BUSINESS
- 302-49 Refrigeration Equipment, including Blast Freezers; Chillers; Commercial Refrigerators; Commercial Freezers; Dairy Cases; Deli Cases; Walk-In Refrigerators; Walk-in Freezers; Ice Dispensers; Water Stations; Ice Making Equipment; Ice Storage Bins and Carts
- 302-56 Concession Equipment, including Ice Cream Machines; Yogurt Making Machines; Popcorn Machines; Other Concession Equipment
- 302-65 Kitchens in Minutes
- 302-72 Kiosks Food Center Concepts, including A La Cart Services; Food Court Concepts
- 302-74 Tableware, including Flatware, Stainless, Silver and Silver Plated; Glassware, Drinking; Disposable 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 Canister Type, including Dry Pickup, Wet/Dry Pickup, Industrial – Hazardous Material Pickup (Mercury/Asbestos), and Hospital Usage
375-103	Vacuum Cleaner Upright Type, including small and large commercial, and household
375-107	Vacuum Cleaner Portable Hand Type
375-117	Carpet Cleaner, including 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 Parts, Repair and Replacement, Miscellaneous for Cleaning Equipment
- 375-200 Mops, Buckets, Wringers, Squeegees, Brooms, Brushes, Sponges, Scouring Pads, Wiping Rags, Cleaning Cloths, Chamois, Polishing Pads, Paper Cleaning Products, and Related Items
- 375-321 Powdered and Liquid Machine Ware washing (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 for Non-hazardous & Non-toxic Organic Spill
- 375-352 Sorbents Non-Marine Usage Type II for 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 USDA for Food Handling Areas
- 375-362 Biodegradable Cleaner/Degreaser (Solvent Based) Non-Phenolic and Non-petroleum
- 375-363 Cleaners/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 Cleaning 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.
375-396	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 and 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), House wares, 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.
852-5	Closet Organizer Components – Hangers, Irons and Ironing Boards
852-7	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 078

SPORTS, PROMOTIONAL, OUTDOOR, RECREATIONAL, TROPHIES AND SIGNS (SPORTS)

Looking for ways to spend leisure time? Boost employee morale? Furnish a park? Exhibit at a trade show?

Well, you've come to the right place! GSA can provide all this and more. Use this section as a guide to support your recreational solutions.

PROGRAMS IN THIS SECTION INCLUDE:

Federal Supply Group	Program Subtitle
78 & 23	Fun in the Great Outdoors
78	Sports and More
99	Trophies, Awards, Presentations, Promotional Products, Briefcases and Carrying Cases, Trade Show Displays & Exhibit Systems and All Related Products
99	Signs & Safety Zone Products

Available Items Include:

Tables and Benches	Trophies and Awards
Tents	Promotional Items
Playground Equipment	Briefcases, Planners, and Portfolios
Hydration Equipment	
Sleeping Bags and Backpacks	Emergency Exit Signs
Camping Cots	Tradeshow Displays
Park Shelters	Programmable Signs
Sun Canopy Structures	Information Kiosks
ATVs (Gas/Electric)	Personal Watercraft
Utility Vehicles (Electric/Gas)	Jet Skis
Snowmobiles	Kayaks
ATV Trailers	Paddleboats
Travel Trailers	
Equipment Trailers	
Fitness Equipment	
Handball/Racquetball Equipment and Supplies	
Track and Field Equipment	
Sweatsuits for Jogging, Warm-up, and Work-out	
Crafts and Hobbies	
Toys and Preschool Aids	
Theatrical Equipment	
Inflatables	





**FSC Group 78 and 23:
Fun in the Great Outdoors**

SIN	Description
192-33a	Camping and Hiking Equipment - to include, but not limited to, recreational tents, tents for decontamination and triage, yurts, tent flies, poles, stakes, tent ropes, and repair kits; Tarps; Sleeping Bags, Bed Rolls, Cots & Camping Furniture; Pack Boards and Backpacks; Heaters, Stoves, Lanterns; Jugs, Coolers, Canteens, & Personal Hydration Units; Climbing Equipment & Snowshoes; Field Toilets & Field Bathing; Outdoor Planters, Tree Grates & Anti-Vegetation Material; Bear-Proof Food Lockers; and Replacement Parts with Ancillary Services
192-37b	Park and Recreational Tables, Benches, Outdoor Pool and Patio Furniture and Bleachers, including Replacement Parts – SET ASIDE FOR SMALL BUSINESSES
192-37i	Park and Playground Equipment, including Grills and Replacement parts, Bike Racks and Bike Lockers, Playground Equipment, Playground Safety Surface and Traction Surfacing; Park Shelters, Pavilions, Gazebos, Foot Bridges, and related ancillary services
192-99a	Introduction of New Products and Services Relating to Park and Outdoor Recreational Equipment and Wheel and Track Vehicles
251-1	Wheel and Track Vehicles, including: ATVs; Utility Vehicles (Excludes Licensable Over the Road Vehicles); Snowmobiles; Bicycles and Tricycles, including accessories such as bicycle pumps, bicycle helmets, and bicycle locks and baskets
251-6	Utility Vehicle, Unlicensed, Off-Road, Automotive Design
251-13	Mobile Homes, Travel Trailers with Ancillary Services such as leveling the trailer maintenance agreements, design assistance – excludes construction
251-22	Recreational Watercraft, including canoes, kayaks, jet skis, and paddleboats

**FSC Group 78:
Sports and More**

SIN	Description	
192-02	Sporting Goods Equipment and Supplies – includes but not limited to protective sports equipment, protective wear, baseball equipment, baseball supplies, basketball equipment, basketball supplies, billiards equipment, billiards supplies, boxing equipment, boxing supplies, wrestling equipment, wrestling supplies, martial arts equipment, martial arts supplies, football equipment, football supplies, golf equipment, golf supplies, gymnastic equipment, handball equipment, handball supplies, racquetball equipment, racquetball supplies, hockey equipment, skiing equipment, soccer equipment, soccer supplies, tennis equipment, tennis supplies, track and field equipment, track and field supplies, volleyball equipment, volleyball supplies, scoreboards, shuffleboard equipment, shuffleboard supplies, nets, sport nets, cheerleader equipment, cheerleader supplies, lacrosse equipment, lacrosse supplies, bowling equipment, bowling supplies, sports bags, miniature golf design, miniature golf equipment, archery supplies, archery equipment, sport pumps, sport inflators, air pumps, golf course designs	
		
192-08	Fitness equipment – includes but not limited to exercise equipment, training equipment and supplies, health information centers, monitors, gym wipes, towels, robes	
192-09	Turfs, Greens and Floors Galore – includes but not limited to floor mats, wall mats, post, courts, turf, exercise flooring, carpets, golf greens	
192-19	Poolside – includes but not limited to swimming pool equipment, swimming pool supplies, spas, therapy spas, above ground pools, pool resurfacing, pool cleaning services, hot tubs	
192-41	Sounds of Music – includes but not limited to instruments, accessories and spare parts for instruments, brass, percussion, professional/student, concert/marching, bassoon, horn, trombone, trumpet, flugelhorn, sousaphone, tuba, euphonium, cymbal, drums, cowbells, tambourines, chimes, bongos, conga, shakers, gongs, woodwind, string, clarinet, flute, piccolo, saxophone, sopranos, oboes, guitars, violins, violas, cello, pianos, organs, keyboards, synthesizer, acoustic, digital pianos, amplifiers, speakers, portable sound systems, microphones, cables, connectors, cases, reeds, mouthpieces, strings, straps, drumsticks, mallets, drum set hardware, stands, metronomes, theatrical curtains, turnkey systems, karaoke, headsets, lighting fixtures, bulbs, video monitors, racks, mobile cases, theatrical equipment, theatrical supplies, stages, entertainment systems	
192-42	Child's Play – includes but not limited to toys, preschool aids, amusement devices, games, outdoor games, inflatable toys, crafts, hobbies	

- 192-45 Sports Clothing and Accessories – includes but not limited to uniforms, ear warmers, ear muffs, baseball uniforms, basketball uniforms, boxing uniforms, wrestling uniforms, martial arts uniforms, football uniforms, golf shirts, hockey uniforms, ski clothing, tennis uniforms, track and field uniforms, volleyball uniforms, caps, hats, visors, headbands, wristbands, cheerleader uniforms, gloves, mittens, jackets, lacrosse uniforms, official wear, pants, shirts, shorts, t-shirts, support wear, sweaters, vests, footwear, athletic shoes, athletics socks, socks, shoe bags, sweat suits, jogging suits, warm-up clothing, work out clothing, sweat shirts, sweat pants, long sleeve shirts, denim shirts, work apparel, swimwear.
- 192-99 Introduction of New Products/Services relating to Athletic Clothing, Recreational Equipment, and Musical Instruments

**FSC Group 99:
Trophies, Awards, Presentations, Promotional Products, Briefcases and Carrying Cases, Trade Show Displays & Exhibit Systems and All Related Products**

SIN	Description
402-5	Awards (including Eagle Awards and Military Statues), Plaques, Trophies, Ribbons, Medals, Lapel Pins, Badges, Buttons and Patches – SET ASIDE FOR SMALL BUSINESS
402-7	Pens & Writing Implements, Rulers, Tape Measures, Magnets, Stress Indicators, Key Tags, Key Rings, Luggage Tags, Pocket Tools, Ice Scrapers, Mugs, Glassware, Plates and Bowls Suitable for Engraving, Imprintable Planners, Portfolios, Calculators, Briefcases, Carrying Cases, Bags and Accessories, Imprintable Computer Accessories, including Mouse Pads and Wrist Rest, and related promotional products
402-99	Introduction of New Products/Services related to Trophies, Awards, Presentations, Promotional Materials, Flags, Briefcases, and Carrying Cases
366-22	Trade Show Displays & Exhibit Systems and Related Products, including ancillary services for assembly/set-up, installation and maintenance of Display/Exhibit Systems
366-23	Flags, Banners, Pennants, and Related Products





**FSC Group 99:
Signs & Safety Zone Products**

SIN	Description
366-11	Signs – including but not limited to: Programmable, Interactive Directories, Queuing Systems, Architectural/Wayfinding, Site/Facility Identification, Scoreboards, Exit, Vehicle, Traffic, Parking, Construction, Safety/Warning, Sign Making Systems, Stencil Making Devices, Bar Code/Label Making Systems, Placards, Posters, Sign Post/Hardware, and Related Products and Services (FSC 9905)
366-12	Safety Zone Products – including but not limited to: Barricades, Guardrails, Safety Barrels/Drums, Channelizers, Safety Fences, Safety Post, Safety Seals, Barriers, Panels, Posts, Stanchions, Traffic Signals, Safety Tags, Safety Bands, Safety Flags, Highway Markers, Traffic/Safety Cones, Warning Lights/Devices, Speed Bumps, Parking Stops/Blocks, Rumble Strips, Beacons, Wheel Chocks, Delineators, Object Markers, Flashers/Reflectors, Safety Tapes/Ribbons/Labels, Pavement Marking Products, Lock Out/ Tag Out Kits, and Related Products and Services (FSC 9905)
366-90	Ancillary Services Relating to Signs and Safety Zone Products – including but not limited to: site preparation, field assembly/set-up, installation, maintenance/servicing, training, or consultation/assistance. Ancillary service excludes construction (construction is defined as construction, alteration, or repair of buildings, structures, or other real property, as defined by Federal Acquisition Regulation 36-102)
366-99	Introduction of New Products/Services Relating to Signs and Safety Zone Products – A new or improved product directly related to items accepted under this schedule. There are no similar items currently available under an existing Special Item Number (SIN). Technical review of items may be considered. The Government has sole discretion to determine whether an item shall be accepted as a new product (FSC 9905)



SCHEDULE 736

TEMPORARY ADMINISTRATIVE AND PROFESSIONAL STAFFING (TAPS) 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 an initial 2-3 workdays or up to 120 workdays (960 hours). 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 (1920 hours). Within 24 hours of notice, private industry experts under GSA Temporary Administrative and Professional Staffing (TAPS) Schedule will provide your agency with proven and qualified temporary workers prepared to work. Look to this schedule for Temporary Support Service Solutions.

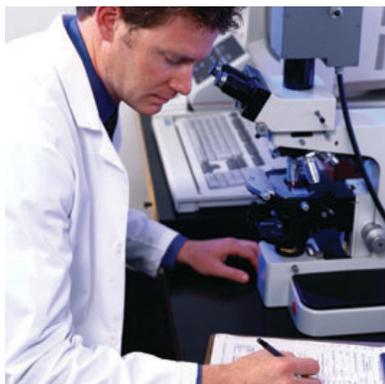
Available Services Include:

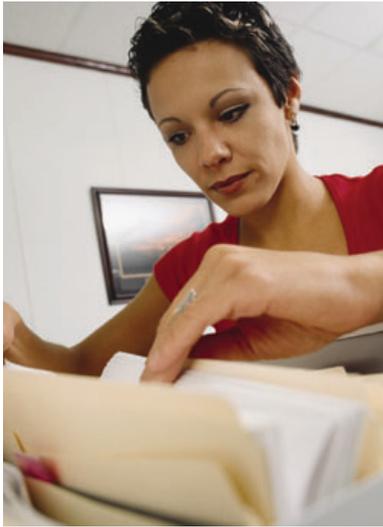


- | | |
|---------------------------------|-----------------------------|
| Architect | Paralegal/Legal Assistant |
| Attorney | Personnel Assistant |
| Audiovisual Librarian | Photographer |
| Cashier | Pipefitter |
| Computer Data Librarian | Plumber |
| Court Reporter | Program Analyst |
| Desk Clerk | 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 | |
| Lifeguard | |
| Logistics Management Specialist | |
| Maintenance | |
| Market Research Analyst | |
| Motor Vehicle Dispatcher | |
| Occupational Analyst | |

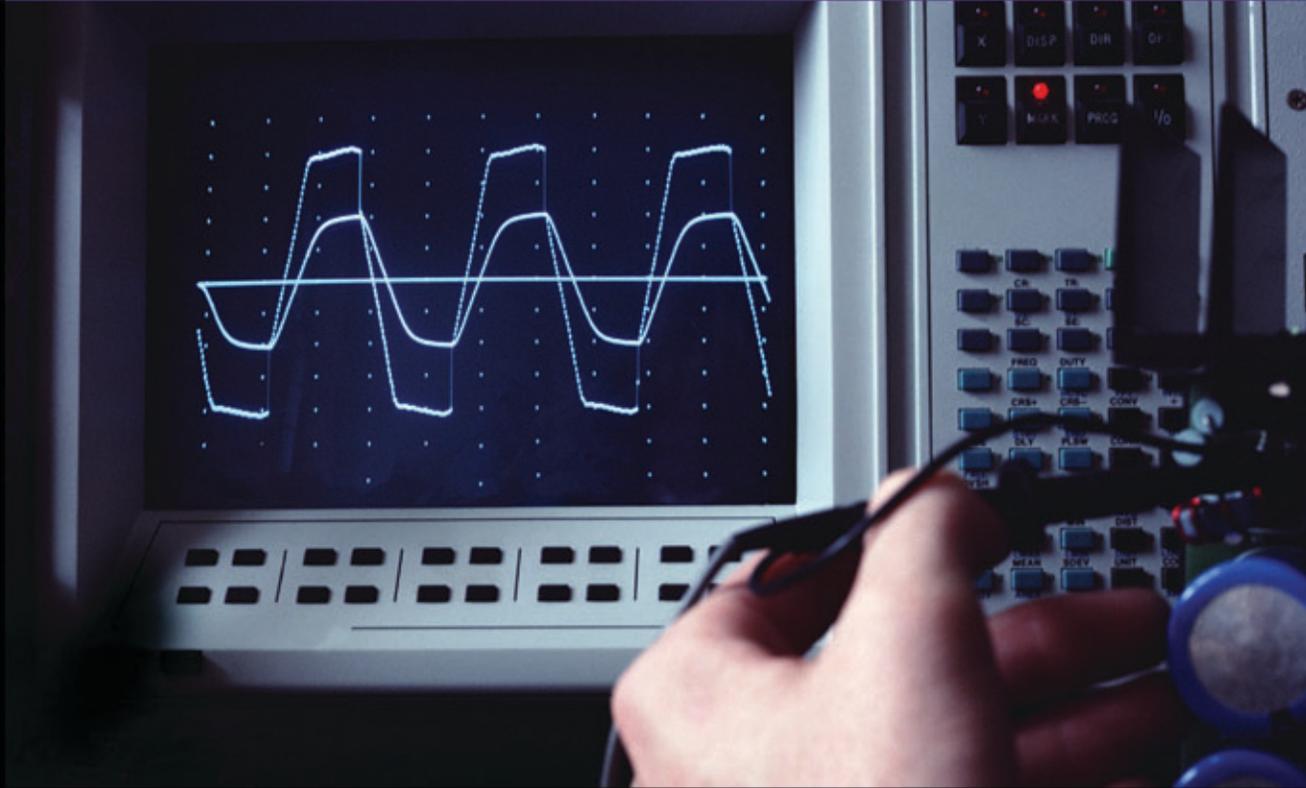
**FSC Group R699:
Temporary Administrative and Professional Staffing (TAPS)**

SIN	Description
736-1	Administrative Support and Clerical Occupations – THIS SIN IS SET ASIDE FOR SMALL BUSINESS CONCERNS ONLY. Including, but not limited to the following occupational categories: Accounting Clerk I-IV, Court Reporter, 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 Clerk, Rental Clerk, Secretary I-V (Clerical, Medical, Executive, Legal), Service Order Dispatcher, Stenographer I-II, Switchboard Operator-Receptionist, Test Examiner, Test Proctor, Travel Clerk I-III, Word Processor I-III, Maintenance Scheduler, Survey Worker (Interviewer)
736-2	Automatic Data Processing Occupations – THIS SIN IS SET ASIDE FOR SMALL BUSINESS CONCERNS ONLY. Including, but not limited to the following occupational categories: Computer Data Librarian, Computer Operators I-V, Computer Programmers I-IV, Computer Systems Analyst I-III, Peripheral Equipment Operator, Program Analyst
736-3	General Services and Support – THIS SIN IS SET ASIDE FOR SMALL BUSINESS CONCERNS ONLY. Two Subcategories: Material Handling and Packing Occupations – Including, but not limited to the following occupational categories: Forklift Operator, Janitor, Laborer, Grounds Maintenance, 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. Mechanics and Maintenance and Repair Occupations – 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.





- 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, Child Development I-III, Food Service Worker, Cashier, Desk Clerk, Lifeguard.
- 736-5 Technical and Professional Occupations – THIS SIN IS SET ASIDE FOR SMALL BUSINESS CONCERNS ONLY. Including, but not limited to the following occupational categories: Logistics Management Specialist, Public Affairs Officer, Contract Specialist/Administrator, Financial Analyst, Market-Research Analyst, Occupational Analyst, Personnel Analyst, Program Analyst, Researcher, Real Estate Asst., CAD Illustrator, Drafter/Designer, Cartographic Technician, Computer Based Training (CBT) Specialist/Instructor, Civil Engineering Technician, Drafter I-IV, Engineering Technician I-VI, Environmental Technician, Graphic Artist (Designer), Paralegal/Legal Assistant I-IV, Instructor, Laboratory Technician (Laboratory Tester), Technical Writer, Attorney, Architect.
- 736-99 Introduction of New Labor Categories – 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 this procurement program, i.e., temporary administrative, clerical, data processing, professional, and/or general support.



SCHEDULES 66 AND 873

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	Program Subtitle
66 & 59	Test and Measurement Equipment, Unmanned Aerial Vehicles, and Related Services
66, 37 & 41	Chemistry, Biochemistry, Clinical Instruments, General Purpose Laboratory Instruments and Services
66	Geophysical, Environmental Analysis Equipment and Services
873	Laboratory and Testing Analysis Services

Available Services Include:

- Testing and Analysis Services
- Amplifiers and Filters
- Calibration Instruments
- Chart Recorders
- Laboratory Power Supplies
- Meters
- Analyzers
- Monitors
- Test Instruments



**FSG Groups 59 and 66
Test and Measurement Equipment, Unmanned Aerial Vehicles, and Related
Services (66 II J)**

SIN	Description
602-1	Microwave and 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.
602-2	Microwave and Millimeter-Wave Instrumentation Sub-Components – MW and MMW instrumentation subcomponents include waveguides, and waveguide accessories such as adapters, directional couplers isolators, mixers, attenuators, tuners, and terminators, and component amplifiers, filters and detectors. Includes MW and MMW signal sources and modulators
602-3	Amplifiers and Filters – 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, wide-band and thermocouple conditioner amplifiers. Filters include Chebychev, Bessel, digital, liner, active and pass filters – SET ASIDE FOR SMALL BUSINESS
602-5	Microwave and 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 Parameters 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 pistonphone. Also includes vibration transducer calibration equipment such as standard reference accelerometers
- 602-9 Infrared Radiation and Temperature Standards and Calibration Instruments – 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, radiant blackbody standards – SET ASIDE FOR SMALL BUSINESS
- 602-10 Pressure Standards and Calibration Instruments – Examples of such equipment include pressure standards, single pressure sensor calibrators, and multiple pressure sensors scanning calibrators. Also includes vacuum and barometric instruments – SET ASIDE FOR SMALL BUSINESS
- 602-12 Chart Recorders – Includes instruments and systems used for trace recording of various signal sources. Includes pen, thermal, and optical based recorders and event, transient, and oscillographic type recorders. Includes plug-in configurable chart recorders and their design-mated signal conditioning modules and on-generic sensors (sensors which have been specifically designed and mated to a logger so long as the logger has adaptability to multiple parameters). Excludes generic signal sources and sensors, and excludes recorders dedicated to recording of one or a set of fixed parameters
- 602-14 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 system, medical patient monitors



- 602-17 Laboratory Power Supplies – 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
- 602-18 Transducer Signal Conditioning Devices – These devices are 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 – SET ASIDE FOR SMALL BUSINESS
- 602-19 Electrical Properties Transducers – These transducers are electromechanical devices that convert a mechanical into an electrical signal. Examples of such transducers include voltage, current, frequency, power, power factor, VAR, and field sensors
- 602-21 Load, Pressure and Vacuum Transducers – These transducer devices convert the applied mechanical quantity (force, torque, or pressure) to a deflection or strain. Deflection sensors or strain gages 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, pressure scanning arrays – SET ASIDE FOR SMALL BUSINESS
- 602-22 Acceleration Transducers – Accelerometers convert a kinematic 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
- 602-23 Vibration, Acoustic, and Ultrasonic Transducers – 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 – SET ASIDE FOR SMALL BUSINESS

- 602-24 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 – SET ASIDE FOR SMALL BUSINESS
- 602-26 Nuclear Radiation Standards and Calibrators – This equipment is to calibrate radiation equipment. Examples of such equipment include standards for the calibration of radiation detectors, survey meters, radiation dosimeters, nuclear (gamma) cameras; includes standardized sources such as resin imbedded sources, solutions, phantom sources, flood (planar) sources, line sources; and include radiation test patterns. Excludes radioactive drugs and medical analysis equipment and medical dose calibrators but includes standards for calibration of dose calibrators
- *Note: Applicable to this SIN, 602-26: “Manufacturing, commerce and usage of radioactive materials and related devices are controlled by Federal, state and local regulations. For example, manufacturers, distributors, and purchasers are required by Federal regulations to obtain licenses for manufacturing, sale, packaging, distribution, installation, servicing, processing, packaging, labeling, transfer, possession, and ownership of radioactive materials. Manufacturers and distributors are further required by Federal regulations to register radioactive products and related devices. No portion of this solicitation shall be construed to relieve manufacturers, distributors and users of regulatory requirements governing manufacturing, commerce, and usage of radioactive materials and related devices sold under any resulting supply contract. Information concerning applicable Federal regulations may be obtained by contacting the US Nuclear Regulatory Commission.”*
- 602-27 Humidity Standards and Calibrators – This equipment is used to calibrate test and measurement for humidity. Examples of such equipment include chilled mirror dew/frost point hygrometers, humidity transfer standards, standard hygrometers, chilled mirror standards, humidity/relative humidity generator chamber standards
- 602-28 Other Transducer Standards and Calibrators – Excludes standards and calibrators covered by other specific SINS. Example of equipment under this SIN include tape recorder calibration gages such as measurement tools/gauges used for repairing VCRs and audio recorders including video, audio, and data tape recorders
- 602-30 Vibration, Acoustic, and Ultrasonic Analyzers and Testers – 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
- 602-31 Spot Sensing, Non-Contact, Temperature-Measuring Instruments – These temperature measuring devices are used to measure the temperature of a specimen from the amount of radiation emitted by it. Typically used in applications where contact sensing elements cannot be used because of hazards (such as high voltage), where distances are too great or temperatures are too high. Excludes instruments designed for meteorological use – SET ASIDE FOR SMALL BUSINESS

- 602-32 Temperature/Heat Imaging Instruments – These 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
- 602-33 Heat Energy-Measuring Instruments – These instruments are used to measure the heat flux or heat content of a specimen. Typically used in applications such as applied research, energy management and testing of combustion processes, ovens or furnaces
- 602-34 Temperature Controlling Instruments – Includes temperature and process controllers used to control temperature in various laboratory devices such as, but not limited to, laboratory ovens, heaters or cooling loops. Excludes temperature controllers designed for building environment (HVAC) control, domestic or industrial appliances
- 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 rebar 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, aircraft navigation signal analyzers. Includes avionics equipment such as flight data recorders, cockpit voice recorders, and videocassette tape recorders/reproducers used aboard the craft
- 627-1 Oscilloscopes – 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, LCDE digital oscilloscopes
- 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
- 627-3 RF Communication Monitors, Testers, and Analyzers – 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. Exclude instruments specialized for analysis of television signals, telephone and data telecommunications line signals

- 627-4 Video Signal Monitors and Analyzers – 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
- 627-5 Audio and Audio Distortion Signal Analyzers – Instruments specialized to determine waveform and characteristics of audio signals. Example of such instruments include audio, audio distortion, acoustic, noise, sound, and stereo analyzers; wow, flutter and drift meters; audio frequency measuring amplifiers; spectrum analyzers specialized for audio frequencies. Excludes modulation analyzers and vibration analyzers
- 627-6 Electronic Noise Meters and Analyzers – 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 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 meter, 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, 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
- 627-10 Component Testers and Analyzers – 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 PC Board and IC Circuit Testers – Circuit testers used primarily to perform quality acceptance tests on printed circuit boards and integrated circuits. Includes matrix switchers, switching/multiplexer cards, 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 – This equipment is 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. Include modulation/demodulation equipment
- 627-13 Data Communications Equipment Testers and Analyzers – This equipment is 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 reflectometers (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 Generations – 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 (1GHz to 300GHz) and millimeter waves (10 –2 m to 10 –4 m) TAKE OUT –2 AND –4 AND HANDWRITE IN SEE PAGE 11 66 II J) An example of such instruments is microwave sweep frequency synthesizers. Also includes signal generator modulators designed to modulate signal generator signals
- 627-22 Electronic Counters and Frequency Meters – These instruments are used for measurement of frequency, time interval, phase, event counting and other special parameters. Examples of such instruments include frequency meters, frequency and time interval analyzers, universal counters, microwave and pulsed microwave counter
- 627-23 Voltmeters, Ammeters, and Multi-Meters – Voltmeters measure voltage, Ammeters measure current, and Multi-Meters 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, clamp-on meters

- 627-25 Field Strength/Intensity Meters – Field strength and intensity meters and recorders are used to 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, Gauss/Tesla meters. Includes sub-infrared radiation hazard detection meters
- 627-27 Line Power and Signal Power 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, wattmeters, rf and wideband power meters. Excludes line power consumption meters, line power quality analyzers, and optical power meters
- 627-28 Line Power Consumption 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 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
- 627-30 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, branch current analyzers. Excludes telephone line analyzers/tracers
- 627-33 Modular/Mainframe Instruments – 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 – 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

- 627-38 Global Positioning System (GPS) Receiver Test Sets – Test sets designed to test GPS receivers. Examples of such test sets include GPS satellite simulators/satellite signal generators, and GPSTs
- 627-39 Soldering, Desoldering, and Repair Equipment – This equipment is temperature and micro-processor 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 micro-processor-controlled soldering/desoldering systems, convective and conductive heat systems, fume extraction systems, and process monitors
- 627-50 Unmanned Aerial Vehicles (UAV) Systems – 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
- 627-51 UAV Airborne Segment – A fully integrated and operable air vehicle that incorporates all components necessary for it to accomplish its intended mission. The airborne segment normally includes, but is not limited to, the air vehicle structure, powerplant, mission payload, guidance and control equipment, data links receivers/transmitters, and all related ancillary airborne equipment
- 627-52 UAV Ground Control Segment – A fully integrated and operable ground-based system that incorporates all components necessary to provide for airborne segment control and receipt/display of payload data. The ground control segment normally includes, but is not limited to, the manned control station, payload data and control displays, data link transmitters/receivers, and all related ancillary equipment
- 627-53 UAV Critical Components – A UAV system component, either airborne or ground based, which performs a mission-critical function. Examples of critical component include launchers, powerplants, payloads, autopilots, navigation/guidance subsystems, automatic landing subsystems, and similar equipment items
- 627-54 Other UAV System Components – A UAV system component not otherwise listed
- 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
- 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
- 627-2002 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'
- 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
- 627-2004 Service Agreements – 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's include emergency service, engineering hardware and software modifications, operator training, telephone service agreements, application assistance, software support, and instrument certification

- 627-2005 Technical Training and Support (TTS) – This PSO offers the customer an option to receive training in the use of the purchased equipment, and technical support for questions and problems. Examples of such PSO's include on or off site training, basic operator training, hardware and/or software training, installation training, and applications development training
- 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's may include, but are not limited to, systems integration and application development
- 627-5001 Leasing of Equipment – This solution offers customers and 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); Lease of Solution
- 627-4000 UAV Operations Support (Government Owned/Lease Equipment) – Vendor provided team containing all manpower and personal equipment/tools necessary to operate and maintain a complete government owned/lease UAV system for a specific period of time. Location of such support can be inside and outside the continental United States (CONUS and OCONUS)
- 627-4001 UAV Operations Support (Contractor Furnished/Leased Equipment) – Vendor provided team containing both manpower and equipment necessary to provide UAV services (reconnaissance, dispensing, payload test, etc.) for a specific period of time. Location for the delivery of such service can be CONUS and OCONUS

**FSG Groups 66, 37 and 41
Chemistry, Biochemistry, Clinical Instruments, General Purpose Laboratory
Instruments and Services (66 II N)**

SIN	Description
627-1007	Introduction of New Services/Products (INSP) Introduction of New Products/Services relating to Test and Measurement Equipment, Unmanned Aerial Vehicles, and Related Services
540-2	Labware Support Apparatus, Thermometers, Contact Heat Sensing Devices, Accessories and Options – Labware 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 crew type jacks and multi-jacks, labware holders, clamping devices, multiple sample trays, tongs and clamps. Includes laboratory bulb and dial temperature reading thermometers <i>(Note: SIN 66-154 is included in SIN 540-2)</i>
540-3	Reusable Laboratory Glassware, Accessories and Options – 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, sodalime and quartz glassware



- 540-7 Disposable Laboratory Glassware, Accessories and Options – Laboratory ware includes general and special purpose graduated and non-graduated laboratory ware used to contain, measure and transfer laboratory samples and solutions 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 sodalime glass and flint quality glass with minimum amounts of silicate additives
- 540-11 Reusable Laboratory Plastic Ware, Accessories and Options – 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 plastic ware
- 540-12 Disposable Laboratory Plastic Ware, Accessories and Options – 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, Accessories and Options – 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, Systems, Accessories and Options – 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, electrodeionization to remove dissolved inorganics and ultraviolet radiation to remove bacterial. Applications include provision of glassware rinse water, reagent grade water, chemical and cell culture media. Excludes all systems designed for the continuous production of potable water
- 540-20 Waste Recovery Systems, Accessories and Options – Waste solvent recovery systems are used to recover organic solvents from reaction mixtures for reuse, upgrade low quality solvents and remove additives from solvents. Recycling reduces the requirements for resupplying solvents and the environmental liabilities required by the storage and disposal of waste. Basic, fractional batch distillation systems and thin film continuous distillation systems are available. Column designs include filament packed columns, spinning band columns and centrifugal thin film columns; condenser coolant fluids include air circulated, water, chemical and refrigerants, Systems are available with explosion proof components for flammable solvents, automatic shutdowns and vacuum assisted distillation for solvents with higher boiling temperatures – SET ASIDE FOR SMALL BUSINESS

- 540-21 Filter Elements Accessories and Options – Filter elements include all filter paper, polymer filter elements, filtering units, cartridges and disposable membranes. 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, food and beverage chemical and industrial processes
- 540-22 Tissue Grinding, Processing, Cell Disruption Apparatus, accessories and Options – Tissue grinding, processing and cell disruption apparatus includes tapered tissue grinders, mortar cylinders with serrated pestles, overhead stirrers, for the efficient grinding of cellular material for biological and biochemical analysis – SET ASIDE FOR SMALL BUSINESS
- 566-1 Modular Laboratory Furniture Systems, Accessories and Options – 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, Laboratory Carts, Accessories and Options – 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, chemical workstations with pipeting drawers, storage and seating areas. Mobile oven cabinet benches and cases. Self contained casework and task workstations (*Note: SIN 566-4 is included in SIN 566-2*)
- 566-3 Special-Purpose Laboratory Furniture, Accessories and Options – This SIN includes work stations and furniture designed for specific laboratory and medical applications such as dental work, operating room storage, vibration isolation, inspection and blood collection stations. Self-contained dental workstations can be ordered with dust collectors, overhead task lights, duplex, grounded electrical receptacles, dust collectors, 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, 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 – SET ASIDE FOR SMALL BUSINESS



566-5 Workstation Design/Installation Option – 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; development of parts/inventory lists specified by manufacturers 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; the reassembly 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, Accessories and Options – 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 work surface. Biological hazard safety cabinets use uniform blower powered air flow 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 – SET ASIDE FOR SMALL BUSINESS

581-2 Externally Exhausted, Vertical Laminar Airflow, Biological Hazard Safety Cabinets, Accessories and Options – 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 air flow through 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' width

- 603-1 pH and Ion-Selective Meters, Accessories and Options – Ion-selective and pH meters are designed to determine the concentration of hydrogen ions (as pH) in a chemical solutions. 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
- 603-2 Physical Properties Testing and Equipment Titrators and Titration Systems, Accessories and Options – 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, Accessories and Options – 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



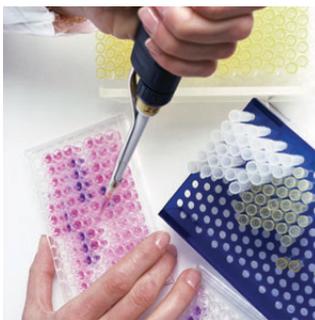
- 603-4 Microtomes and Microtome Cryostats, Accessories and Options – Microtomes and microtome cryostats are devices used to produce thin sections of paraffin embedded tissue samples in preparation for microscopic analysis. Manual, semi-automatic and automatic units are available with automatic feeds, 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, Accessories and Options – 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 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, Accessories & Options – 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, Accessories and Options – Inverted type microscopes with the illumination and specimen platform located above the object (image gathering) lens are included in this SIN. Inverted microscopes are used to observe large opaque specimens
- 603-10 Microscopes, Metallographic, Accessories and Options – Metallographic microscopes that use reflected illumination from the specimen surface to observe the chemical composition and crystalline structure of metals are included in this SIN
- 603-11 Microscopes, Multipurpose, Accessories and Options – This SIN 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, states, arms, optical carrier/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 or modified microscopes are suitable for tasks that include measurement, analysis, processing, observation, photography, video imaging recording, displaying and computer processing
- 603-12 Microscopes, Electron, Accessories and Options – Electron microscopes in this SIN 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 Borescopes and Fiberscopes, Accessories and Options – Rigid borescopes and flexible fiberscopes for non-medical applications are included in this SIN. Borescopes 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 eyepiece. The instruments in the SIN are for non-medical applications only
- 615-1 Biomolecule Analyzers, Synthesizers, Accessories and Options – 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
- 615-2 Elemental Analyzers, Accessories and Options – 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 Analyzers, Accessories and Options – 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 Chromatographs (GC) and Gas Chromatograph/Mass Spectrometer (GC/MS) Systems, Accessories and Options – 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
- 615-9 Liquid Chromatographs (LC) AND liquid Chromatograph/Mass Spectrometer (LC/MS) Systems, Accessories and Options – 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, options and integrators formerly identified by separate special items numbers (*Note: SIN 615-16 is included in SIN 615-9*)
- 615-18 Particle and Colony Counting and Sorting Apparatus and Systems, Accessories and Options – 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, Accessories and Options – This category includes automated devices and systems for the identification and quantification of human blood cell types and classes
- 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, Accessories and Options – 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, Accessories and Options – These devices are research instruments which are designed for Ultraviolet (UN), 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, Accessories and Options – 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 and Diffractometers, Accessories and Options – These devices utilize the X-Ray portion of the electromagnetic spectrum for research chemical and surface analysis studies
- 632-10 Atomic Absorption, Emission, Fluorescence Spectroscopy Instruments, Accessories and Options – 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
- 632-11 Emission Spectrometers, Including Flame, Spark, Arc and Laser Types, Accessories and Options – These 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
- 632-12 Mass Spectrometers, Accessories and Options, Accessories and Options – These 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 coupled plasma (ICP/MS) spectrometers
- 66-100 Blood, Serum, Urine and Fecal Chemical Analysis Instruments, Accessories and Options – These devices are used to determine specific multiple chemical and biochemical parameters of human body 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. Included in this category are electrolyte analyzers, blood coagulation analyzers and timers, and single test analyzers. Also included are blood cell analyzers used in clinical hematology to identify and quantify human blood cell types and classes. Excluded from this category are devices to test for either consumed alcohol or drugs of abuse on location
- 66-102 Blood Gas Analyzers, Electrolyte Analyzers, Blood Coagulation Analyzers and Timers, and Single Test Analyzers, Accessories and Options – 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, and Nucleic Acid and Amino Acid Sequencing Systems, Accessories and Options – 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, Systems, Accessories and Options – These devices are intended for the precise delivery of fluids in the scientific laboratory environment. Included are the single and multiple tip hand-hand 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, Systems, Accessories and Options – These devices are intended for the 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, Accessories and Options – 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, Accessories and Options – 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, Accessories and Options – 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, Accessories and Options – 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, Accessories and Options – 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, 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 – SET ASIDE FOR SMALL BUSINESS

- 66-141 Laboratory Baths, Accessories and Options – Laboratory baths provide temperature-controlled environments for chemical reactions using either water, solvents, or sand as temperature conditioning media. Heated and refrigerated water baths are available with thermostat temperature protection; the refrigeration compressors are CFC free. Circulating heat or chilling baths are available with adjustable circulation pumps; recirculating baths can be supplied that avoid the scale build up and corrosion of tap water. Magnetic stirring baths are available for coliform essays, general incubations and viscosity testing. Shaking baths are available for DNA and tissue/culture applications. Ultrasonic baths are available for cleaning medical and dental instruments and intricately shaped laboratory instruments – SET ASIDE FOR SMALL BUSINESS
- 66-143 Laboratory Ware Washers, Dryers, Accessories and Options – Laboratory ware washers and dryers are automatic washers with heated or forced air drying cycles and special trays and inserts to wash narrow neck and general purpose laboratory ware. Include washers with programmed wash, rinse and drying cycles, including steam cleaning. Ultrasonic cleaners are available to clean intricate and delicate labware including medical, optical and dental parts – SET ASIDE FOR SMALL BUSINESS
- 66-144 Freeze Drying (Lyophilization) Apparatus, Accessories and Options – Freeze-drying apparatus are used to lyophilize, or dry in the freezing condition, samples that are sensitive to heat. The systems freeze and then heat samples in a vacuum to remove water by vaporization (sublimation). The water vapor is then extracted by condenser coils. The process produces minimal chemical and physical change in the sample and is suitable for the stabilization and storage of vaccines, pharmaceuticals, blood fractions and food products. Vacuum freeze drying systems can be supplied with internal or external condensers, steam clean options, CFC free cascade refrigeration systems and automatic control systems with safety interlocks and alarms – SET ASIDE FOR SMALL BUSINESS
- 66-146 Laboratory Ovens, Furnaces, Accessories and Options – Gas fired and electrically heated ovens and furnaces with microprocessor controls are listed under this category. Applications include the heat treatment of metals, chemicals and other materials, drying, fusion, curing, out gassing and process control in reduced or inert atmospheres. Also included are vacuum ovens, mechanical convection ovens, forced air ovens, bench muffle furnaces, vacuum, calcining and cupellation furnaces. Incubators are excluded from this SIN – SET ASIDE FOR SMALL BUSINESS
- 66-147 Laboratory Fume Hoods, accessories and Options – Fume hoods are available for nonmedical applications such as processing corrosive chemicals, 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 are available. Accessories are also available including fume scrubbers, air ejectors and high-pressure blowers. Excludes Vertical Laminar Flow Biological Safety Cabinets
- 66-148 Laboratory Incubators, accessories and Options – 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



- 66-151 Laboratory Pumps, Accessories and Options – Laboratory pumps include all general purpose and some specially designed pumps used in laboratory applications. This category includes microprocessor controlled fluid aspirating and medication dispenser pumps with peristaltic (wave form constriction/expansion) pump heads, variable speeds and flow rates; peristaltic action isolate fluids inside transfer tubing, simplifying the cleaning of pump and avoiding contamination of the pump and transferred fluid. Roughing vacuum pumps, heavy-duty, belt-driven and direct drive, single stage and two stage, are available to pump chambers down from atmospheric pressure to partial vacuum of 10 to 20 micron. Two stage, direct drive diaphragm pumps are available for use with diffusion pumps. General purpose, microprocessor controlled flow pumps are available with variable speeds and flow rates. Pumps can be supplied with explosion proof and corrosion resistant configurations. Laboratory pump applications also include partial vacuum freeze-drying, evacuation of gas tubes and vacuum disposition. Excludes pumps which are designed for use with or as replacement parts for apparatus such as mass spectrometers, liquid chromatographs, or electrophoresis gel dryers – SET ASIDE FOR SMALL BUSINESS
- 66-231 Laboratory Scales, Balances, Accessories and Options – Includes analytical balances with under hook options to determine density, specific gravity, weight 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 available. Top loading precision balances are available for counting, inspection and check weighing. 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, Balances, Accessories and Options – Vehicular scales in this category include portable digital battery powered wheel pads, concrete and steel bridge deck type truck scales, 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, Accessories and Options – 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
- 615-5000 Equipment Maintenance, Repair and Service Agreements – 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 (*Note: SINs 615-5004, 603-4000 and 603-4004 are included in SIN 615-5000*)

615-5001	Calibration and Calibration Traceability Certificate – 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 (<i>Note SINs 615-5002 and 603-4002 are included in SIN 615-5001</i>)
615-5003	Extended Warranty – This PSO offers customers an option to extend original equipment warranty for additional time periods. Examples of such PSO include extending product repair support for additional years, and/or extending calibration support for additional years
615-5005	Technical Training, Technical Support and Application Development Support – Training is offered in the use of the purchase equipment and software. Options include on-site and off-site training, basic operator training, operator training upgrades, installation training, and applications development training. Systems integration and applications development support are offered. Technical support is offered to address questions and problems related to the use of the equipment and software and technical support to questions and problems (<i>Note: SINs 615-5006 and 603-4005 are included in SIN 615-5005</i>) (<i>Note: Additional special provisions/requirements apply to PSOs. See applicable sections in the RFP</i>)
615-4000	Equipment Leasing – This leasing SIN offers customers and additional choice to purchasing. Examples of leasing programs available include but are not limited to: Lease to Ownership (Capitol Lease), Lease with Option to Own (Operating Lease), and Lease of a Solution (<i>Note: SIN 603-5000 is included in SIN 615-4000</i>)
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 relating to Chemistry, Biochemistry, Clinical Instruments, General Purpose Laboratory Instruments and Services

FSG Group 66
Geophysical, Environmental Analysis Equipment and Services (66 II Q)

SIN	Description
66-601	Water Current Meters – 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 with stand outdoor conditions. Includes directly related options and accessories. Water current meters; Water velocity meters – SET ASIDE FOR SMALL BUSINESS
66-602	Seawater Sampling & Salinity Measuring Equipment – 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. Seawater sampling equipment; Salinity measuring equipment; Physical water parameter measuring equipment – SET ASIDE FOR SMALL BUSINESS



- 66-603 Seismic/Sub-Surface Profiling Systems – 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 instruments are primarily used in applications such as geophysical research and seismic monitoring. Includes directly related options and accessories. Subsurface (water and land) profiling systems; Seismic measuring and recording instruments
- 66-604 Underwater Releases, Transponders, Buoys & Platforms – Underwater release 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 instrument 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; Oceanographic mooring devices – SET ASIDE FOR SMALL BUSINESS
- 66-605 Oceanographic Analysis & Display Systems – This equipment allows data taken from oceanographic sensors (such as salinity, temperature or pressure sensors) to be stored and/or 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. Oceanographic analysis & display systems; Software for oceanographic analysis & display systems – SET ASIDE FOR SMALL BUSINESS
- 66-606 Soil/Plant Moisture Analyzers – 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 instruments are primarily used in applications such as agricultural research and engineering analysis of solid materials. Includes directly related options and accessories. Soil temperature measuring instruments; Soil moisture measuring instruments; Moisture analyzer for plants – SET ASIDE FOR SMALL BUSINESS
- 66-607 Air Temperature, Solar Radiation & 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. Air temperature measuring and recording instruments; Solar radiation measuring and recording instruments; Barometric pressure measuring and recording instruments – SET ASIDE FOR SMALL BUSINESS
- 66-608 Humidity, Precipitation & 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. Humidity measuring and recording instruments; Precipitation measuring and recording instruments; Wind measuring and recording instruments

- 66-609 Atmospheric & Video Computer Display Systems – 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 option and accessories. Atmospheric visibility measuring instruments; Video/computer weather display and analysis systems – SET ASIDE FOR SMALL BUSINESS
- 66-610 Meteorological Platforms, Enclosures & 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. Meteorological platforms and enclosures; Atmospheric sondes (including radiosondes and tethered sondes)
- 66-611 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. Multiparameter environmental, meteorological and flood data acquisition systems
- 66-612 Environmental Data Logging & Communications 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. Communication equipment specialized for use with environmental data acquisition; Data logging equipment specialized for use with environmental data acquisition – SET ASIDE FOR SMALL BUSINESS
- 66-613 Surveying Equipment – 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. Electronic distance measuring instruments; Planimeters; Theodolites; Total stations (surveying); Engineering and surveying level instruments; Surveying laser reference instruments
- 66-614 Global Positioning Systems – 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 & Level 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 air flow 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. Flowmeters for use with liquids and gases; Level instruments for use with liquids



- 66-617 Water Monitors – 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 – SET ASIDE FOR SMALL BUSINESS
- 66-618 Water Samplers, Quality Meter & 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. Water quality meters; Water analyzers; Multiparameter water quality instrument; Water samplers
- 66-619 Gas and Particle Analyzers – 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. Include directly related options and accessories. Stack emission measuring equipment; Gas analyzers, monitors; Particle analyzers, detectors
- 66-620 Air Sampling Equipment and Gas Alarms – 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. SET ASIDE FOR SMALL BUSINESS
- 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

- 66-622 Storage Tank Leak Detectors – Storage tank leak detectors are designed to measure and monitor leakage of liquids or gases from storage tanks or pipelines. Examples of such instruments are aspirated vapor leak detectors, and optical and electrochemical leak detectors. The most common application for these instruments is the detection and monitoring of underground fuel storage tanks and connective piping. Includes directly related options and accessories.
- 66-501 Equipment Leasing – This solution offers customers an additional choice to purchasing. Examples of leasing programs available include but not limited to: Lease to Ownership (Capital Lease); Lease with Option to Own (Operating Lease); 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 Pre-Purchase Calibration – 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
- 66-504 Post-Purchase Calibration – 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 and calibration for compliance with certain military or commercial standards with before and after data
- 66-505 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
- 66-506 Service Agreements – 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's include emergency service, engineering hardware and software modifications, operator training, telephone service agreements, application assistance, software support, and instrument certification
- 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's 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's may include but are not limited to systems integration and application development
- 66-1015 Introduction of New Services/Products (INSP) – Includes new services/products relating to Geophysical, Environmental Analysis Equipment and Services

FSG Group 873
Laboratory and Testing Analysis Services (873)

SIN	Description
873-1	Mechanical Testing and Analysis Services – 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
873-2	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/phometry testing (appearance, color, reflectance, gloss, transmittance, luminance); occupational/drug testing (monitor or measure employees exposure to hazardous substance abuse screening); biological testing (biochemical, 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
873-3	Electrical 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 standard 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
873-4	Geotechnical and Thermal/Fire Testing and Analysis Services – 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; meteorological testing; thermal/heat testing (temperature, fire, flammability, smoke/toxicity, conductivity); and related training
873-99	Introduction of New Testing and Analysis Services – Introduction of New Services relating to Laboratory and Testing Analysis Services

VALUABLE INFORMATION

Schedules e-Library

Schedules e-Library is the online source for GSA and VA Federal Supply Schedule contract award information. You can find out which suppliers have a contract, and what's available by using various search options; e.g., Schedule contractor's name, contract number, Special Item Number (SIN), Schedule Number, or keyword. This program utilizes the advances of electronic commerce while providing you access 24 hours a day, 7 days a week.

Other features include:

- Access to information on millions of services and products
- The latest information on Schedule program changes
- Direct link to the GSA *Advantage!*[®] Online Shopping for e-Business
- New and improved look for easier browsing and navigation
- Ability to download Schedule information by Schedule or SIN
- More contractor websites and e-mail addresses

GSA *Advantage!*[®]

GSA *Advantage!*[®] is our electronic online shopping and ordering system. GSA *Advantage!*[®] provides online access to several thousand contractors and millions of services and products. To shop GSA *Advantage!*[®] you must be a Federal Government employee with a governmentwide GSA SmartPay[®] purchase card or a GSA Activity Address Code (AAC).

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 Quote (RFQ) tool designed to facilitate the request for submission of quotes for a wide range of commercial services and products that are offered by GSA Federal Supply Schedule contractors who are on GSA *Advantage!*[®].

e-Buy allows federal agencies (buyers) to maximize their buying power by leveraging the power of the Internet to increase Schedule contractor participation in order to obtain quotes which will result in a best value purchase decision. e-Buy provides agencies with a tool that will result in savings in both time and money.

Through e-Buy, Schedule contractors (sellers) have greater opportunities to offer quotes and increase business volume for services and products provided under their Schedule contracts. e-Buy provides contractors with a tool that results in savings of both time and money.

Ordering Procedures for Services and Products (No Statement of Work Required)

Orders up to the micro-purchase threshold (\$2,500):

- Place order directly with contractor for the item and/or service that best meets your needs

Orders over the micro-purchase threshold (\$2,500):

- To ensure a “best value” determination is made, as required by FAR 8.404:
 - Review the GSA *Advantage!*[®] online electronic ordering system
 - or –
 - Review at least three (3) Schedule price lists
 - Select the best value (consider price, administrative costs, etc.)
 - Place order directly with contractor

When determining what is a “best value,” you may consider the following:

- Special features of the supply or service required for effective program performance
- Trade-in considerations
- Probable life of the item selected compared to that of a comparable item
- Warranty considerations
- Maintenance availability
- Past performance
- Environmental and energy efficiency considerations

Documentation:

Minimum documentation is generally all that is required. Additional documentation is necessary when the requirement is defined to a particular brand name and only for orders exceeding the micro-purchase threshold.

Orders exceeding the maximum order threshold:

(Note: This dollar figure will vary from contract to contract.)

FAR 8.404(b)(3) provides guidelines for orders exceeding the maximum order threshold:

In addition to following the ordering procedures for orders above the micro-purchase threshold, ordering offices shall –

1. Review additional Schedule contractors’ catalogs/price lists or use the GSA *Advantage!*[®] online shopping service.
2. Based upon the initial evaluation, seek price reductions from the Schedule contractor(s) appearing to provide the best value (considering price and other factors); and
3. After price reductions have been sought, place the order with the Schedule contractor that provides the best value and results in the lowest overall cost alternative [see 8.404(a)]. If further price reductions are not offered, an order may still be placed, if the ordering office determines that it is appropriate.

REMEMBER! If you are placing an order with a Multiple Award Schedule contractor (*especially if you are using the governmentwide commercial purchase card*), please let the contractor know that you are a federal customer — ask the contractor for the GSA contract number and contract price. Be sure to cite the contract number on your purchasing documents.

Ordering Procedures for Services (Requiring a Statement of Work)

Orders up to the micro-purchase threshold (\$2,500):

- Place order directly with contractor for the service that best meets your needs

Orders over the micro-purchase threshold (\$2,500):

- Prepare a Statement of Work (SOW)
- Send your Request for Quote (RFQ) and SOW to three (3) Schedule contractors
- Evaluate and make a best value selection

Orders over the maximum threshold:

- Prepare an SOW
- Send your RFQ and SOW to more than three (3) Schedule contractors AND seek price reductions
- Evaluate and make a best value selection

Documentation:

- At a minimum, document orders by identifying the services purchased, the Schedule contractor from which the services were purchased, and the amount paid
- If other than a firm-fixed priced order is placed, include the basis for the determination to use a labor-hour or time-and-materials order
- For agency requirements over the micro-purchase threshold, document the evaluation of Schedule contractors' quotes that formed the basis for selecting the contractor that received the order and the rationale for any trade-offs made in making the selection

FAR 8.402 contemplates that GSA may occasionally find it necessary to establish special ordering procedures for individual Federal Supply Schedules or for some Special Item Numbers (SINs) within a Schedule. GSA has established special ordering procedures for services that require a Statement of Work. These special ordering procedures take precedence over the procedures in FAR 8.404 (b)(2) through (b)(3).

When ordering services over \$100,000, Department of Defense (DoD) ordering offices and non-DoD agencies placing orders on behalf of DoD must follow the policies and procedures in the Defense Federal Acquisition Regulation Supplement (DFARS) 208.404-70 – Additional ordering procedures for services. When DFARS 208.404-70 is applicable and there is a conflict between the ordering procedures contained in this clause and the additional ordering procedures for services in DFARS 208.404-70, the DFARS procedures take precedence.

GSA has determined that the prices for services contained in the contractor's price list applicable to this Schedule are fair and reasonable. However, the ordering office using this contract is responsible for considering the level of effort and mix of labor proposed to perform a specific task being ordered and for making a determination that the total firm-fixed price or ceiling price is fair and reasonable.

(a) When ordering services, ordering offices shall -

(1) Prepare a Request (Request for Quote or other communication tool):

- (i) A statement of work (a performance-based statement of work is preferred) that outlines, at a minimum, the work to be performed, location of work, period of performance, deliverable Schedule, applicable standards, acceptance criteria, and any special requirements (i.e., security clearances, travel, special knowledge, etc.) should be prepared.
- (ii) The request should include the statement of work and request the contractors to submit either a firm-fixed price or a ceiling price to provide the services outlined in the statement of work. A firm-fixed price order shall be requested, unless the ordering office 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 quote may be requested. The firm-fixed price shall be based on the prices in the Schedule contract and shall consider the mix of labor categories and level of effort required to perform the services described in the statement of work. 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.
- (iii) The request may ask the contractors, if necessary or appropriate, to submit a project plan for performing the task, and information on the contractor's experience and/or past performance performing similar tasks.
- (iv) The request shall notify the contractors what basis will be used for selecting the contractor to receive the order. The notice shall include the basis for determining whether the contractors are technically qualified and provide an explanation regarding the intended use of any experience and/or past performance information in determining technical qualification of responses.

(2) Transmit the Request to Contractors:

Based upon an initial evaluation of catalogs and price lists, the ordering office should identify the contractors that appear to offer the best value (considering the scope of services offered, pricing and other factors such as contractors' locations, as appropriate) and transmit the request as follows:

- (i) The request shall be provided to at least three (3) contractors if the proposed order is estimated to exceed the micro-purchase threshold, but not exceed the maximum order threshold.
- (ii) For proposed orders exceeding the maximum order threshold, the request shall be provided to an appropriate number of additional contractors that offer services that will meet the agency's needs.
- (iii) In addition, the request shall be provided to any contractor who specifically requests a copy of the request for the proposed order.
- (iv) Ordering offices should strive to minimize the contractors' costs associated with responding to Requests for Quotes for specific orders. Requests should be tailored to the minimum level necessary for adequate evaluation and selection for order placement. Oral presentations should be considered, when possible.

(3) Evaluate Responses and Select the Contractor to Receive the Order:

After responses have been evaluated against the factors identified in the request, the order should be placed with the Schedule contractor that represents the best value. (See FAR 8.404)

- (b) The establishment of Federal Supply Schedule Blanket Purchase Agreements (BPAs) for recurring services is permitted when the procedures outlined herein are followed. All BPAs for services must define the services that may be ordered under the BPA, along with delivery or performance time frames, billing procedures, etc. The potential volume of orders under BPAs, regardless of the size of individual orders, may offer the ordering office the opportunity to secure volume discounts. When establishing BPAs ordering offices shall:
- (1) Inform contractors in the request (based on the agency's requirement) if a single BPA or multiple BPAs will be established, and indicate the basis that will be used for selecting the contractors to be awarded the BPAs.
 - (i) SINGLE BPA: Generally, a single BPA should be established when the ordering office can define the tasks to be ordered under the BPA and establish a firm-fixed price or ceiling price for individual tasks or services to be ordered. When this occurs, authorized users may place the order directly under the established BPA when the need for service arises. The Schedule contractor that represents the best value should be awarded the BPA. (See FAR 8.404)
 - (ii) MULTIPLE BPAs: When the ordering office determines multiple BPAs are needed to meet its requirements, the ordering office should determine which contractors can meet any technical qualifications before establishing the BPAs. When establishing multiple BPAs, the procedures in (a)(2) above must be followed. The procedures in (a)(2) do not apply to orders issued under multiple BPAs. Authorized users must transmit the Request for Quote for an order to all BPA holders and then place the order with the BPA holder that represents the best value.
 - (2) Review BPAs Periodically: Such reviews shall be conducted at least annually. The purpose of the review is to determine whether the BPA still represents the best value. (See FAR 8.404)
- (c) The ordering office should give preference to small business concerns when two or more contractors can provide the services at the same firm-fixed price or ceiling price.
- (d) When the ordering office's requirement involves both products as well as executive, administrative and/or professional services, the ordering office should total the prices for the products and the firm-fixed price for the services and select the contractor that represents the best value. (See FAR 8.404)
- (e) The ordering office, at a minimum, should document orders by identifying the contractor from which the services were purchased, the services purchased, and the amount paid. If other than a firm-fixed price order is placed, such documentation should include the basis for the determination to use a labor-hour or time-and-materials order. For agency requirements in excess of the micro-purchase threshold, the order file should document the evaluation of Schedule contractors' quotes that formed the basis for the selection of the contractor that received the order and the rationale for any trade-offs made in making the selection.

GSA General Products Acquisition Center Events

Look for our booth at the following events.



- American Correctional Food Service Conference
- American Logistics Association MWR Expo
- American Society for Industrial Security Expo
- Athletic Business Conference
- Energy Conference
- Force Protection Demonstration
- GSA Expo
- Professional Services Expo
- IMEAC Conference
- International Chiefs of Police Conference
- Modern Day Marine Conference
- MWR Expo Europe
- Outreach Europe Conference
- National Guard Show
- National Recreation & Park Association Expo
- Professional Housing Management Association Conference
- Association of the United States Army (AUSA) Annual Meeting
- Federal Buildings Expo
- Fire and Rescue International

U.S. General Services Administration
Centralized Mailing List Service
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