GENERAL SERVICES ADMINISTRATION
Federal Acquisition Service
Authorized Federal Supply Schedule FSS Price List

On-line access to contract ordering information, terms and conditions, up to date pricing, and the option to create an electronic delivery order are available through GSA Advantage!®, a menu driven database system. The INTERNET address GSA Advantage!® is: GSAAdvantage.gov.

Multiple Award Schedule

FSC Group: Professional Services   **FSC Class**: R425

Contract number: 47QRAA20D006C
Supplement No.003 dated 1/11/23

Contract period: 5/19/2020 – 5/18/2025

Contractor	ENSCO, Inc.
Address	5400 Port Royal Road Springfield, VA 22151-2301
Business Size	Other than Small Business
Phone	(703) 321-9000
Fax:	(703) 321-7863
Web Site	www.ensco.com
Email:	Timmer.Colleen@ensco.com
Contract Administrator:	Colleen Timmer

For more information on ordering go to the following website:
https://www.gsa.gov/schedules

Price list current as of Modification #PS-0003 effective 1/11/2023

Prices Shown Herein are Net (discount deducted)

Table of Contents:

CUSTOMER INFORMATION

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

SIN	SIN Description
541330ENG	Engineering Services
OLM / OLMSTLOC	Order Level Materials (OLM)
541715	Engineering Research and Development and Strategic Planning
334290	Security and Detection Systems

1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer, should show the range of the lowest price, and cite the areas to which the prices apply. See Page 4

1c. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate "Not applicable" for this item. See Page 27

2. Maximum order:

SINs	Maximum Order
541330ENG	$1,000,000
541715	$1,000,000
334290	$250,000
OLM	$250,000

3. Minimum order: $100

4. Geographic coverage (delivery area). Worldwide

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

6. Discount from list prices or statement of net price. Government Net Prices (discounts already deducted.)

7. Quantity discounts.

SIN 541330ENG		SIN 541715
1% for task orders over $50,000.00 3% for task orders between $100,000.00 and $250,000.00 5% for task orders over $250,000.00		Any task order valued at $50M or greater, with at least 3 years anticipated period of performance, ENSCO will offer at least an additional 15% discount from the published GSA Rate.
SIN 334290		

MFR PART NO	PRODUCT NAME	QUANTITY/VOLUME DISCOUNT
MS-G4S-SEMI RUGGED PORTABLE without CMS	MicroSearch G4.0 Wired Standard Portable Semi-Rugged Touchscreen Computer without CMS	4-7 1.5% Off Base Price 8-11 3.0% Off Base Price 12-15 4.5% Off Base Price 16-25 6.0% Off Base Price 26+ 10.0% Off Base Price
MS-G4S-SEMI RUGGED PORTABLE with CMS	MicroSearch G4.0 Wired Standard Portable Semi-Rugged Touchscreen Computer with CMS	4-7 1.5% Off Base Price 8-11 3.0% Off Base Price 12-15 4.5% Off Base Price 16-25 6.0% Off Base Price 26+ 10.0% Off Base Price
MS-G4S-Fully-Rugged PORTABLE without CMS	MicroSearch G4.0 Wired Standard Portable Fully-Rugged Touchscreen Computer without CMS	4-7 1.5% Off Base Price 8-11 3.0% Off Base Price 12-15 4.5% Off Base Price 16-25 6.0% Off Base Price 26+ 10.0% Off Base Price
MS-G4S-Fully-Rugged PORTABLE with CMS	MicroSearch G4.0 Wired Standard Portable Fully-Rugged Touchscreen Computer with CMS	4-7 1.5% Off Base Price 8-11 3.0% Off Base Price 12-15 4.5% Off Base Price 16-25 6.0% Off Base Price 26+ 10.0% Off Base Price
MS-G4E-SEMI RUGGED PORTABLE Option #1 without CMS	MicroSearch G4.0 Wired Enhanced Portable Semi-Rugged Touchscreen Computer Option #1 without CMS	4-7 1.5% Off Base Price 8-11 3.0% Off Base Price 12-15 4.5% Off Base Price 16-25 6.0% Off Base Price 26+ 10.0% Off Base Price
MS-G4E-SEMI RUGGED PORTABLE Option #1 with CMS	MicroSearch G4.0 Wired Enhanced Portable Semi-Rugged Touchscreen Computer Option #1 with CMS	4-7 1.5% Off Base Price 8-11 3.0% Off Base Price 12-15 4.5% Off Base Price 16-25 6.0% Off Base Price 26+ 10.0% Off Base Price
MS-G4E-Fully-Rugged PORTABLE Option #1 without CMS	MicroSearch G4.0 Wired Enhanced Portable Fully-Rugged Touchscreen Computer Option #1 without CMS	4-7 1.5% Off Base Price 8-11 3.0% Off Base Price 12-15 4.5% Off Base Price 16-25 6.0% Off Base Price 26+ 10.0% Off Base Price

MS-G4E-Fully-Rugged PORTABLE Option #1 with CMS	MicroSearch G4.0 Wired Enhanced Portable Fully-Rugged Touchscreen Computer Option #1 with CMS	4-7 8-11 12-15 16-25 26+	1.5% Off Base Price 3.0% Off Base Price 4.5% Off Base Price 6.0% Off Base Price 10.0% Off Base Price
MS-G4E-SEMI RUGGED PORTABLE Option #2 without CMS	MicroSearch G4.0 Wired Enhanced Portable Semi-Rugged Touchscreen Computer Option #2 without CMS	4-7 8-11 12-15 16-25 26+	1.5% Off Base Price 3.0% Off Base Price 4.5% Off Base Price 6.0% Off Base Price 10.0% Off Base Price
MS-G4E-SEMI RUGGED PORTABLE Option #2 with CMS	MicroSearch G4.0 Wired Enhanced Portable Semi-Rugged Touchscreen Computer Option #2 with CMS	4-7 8-11 12-15 16-25 26+	1.5% Off Base Price 3.0% Off Base Price 4.5% Off Base Price 6.0% Off Base Price 10.0% Off Base Price
MS-G4E-Fully-Rugged PORTABLE Option #2 without CMS	MicroSearch G4.0 Wired Enhanced Portable Fully-Rugged Touchscreen Computer Option #2 without CMS	4-7 8-11 12-15 16-25 26+	1.5% Off Base Price 3.0% Off Base Price 4.5% Off Base Price 6.0% Off Base Price 10.0% Off Base Price
MS-G4E-Fully-Rugged PORTABLE Option #2 with CMS	MicroSearch G4.0 Wired Enhanced Portable Fully-Rugged Touchscreen Computer Option #2 with CMS	4-7 8-11 12-15 16-25 26+	1.5% Off Base Price 3.0% Off Base Price 4.5% Off Base Price 6.0% Off Base Price 10.0% Off Base Price
MS-G4S-WLS	MicroSearch G4.0 Wireless Standard Portable Semi Rugged Touchscreen Computer with Wireless Spares	4-7 8-11 12-15 16-25 26+	1.5% Off Base Price 3.0% Off Base Price 4.5% Off Base Price 6.0% Off Base Price 10.0% Off Base Price
S-G4S-WLS-WS	MicroSearch G4.0 Wireless Standard Portable Fully-Rugged Touchscreen Computer with Wired Spares	4-7 8-11 12-15 16-25 26+	1.5% Off Base Price 3.0% Off Base Price 4.5% Off Base Price 6.0% Off Base Price 10.0% Off Base Price
MS-G4S-WLS/WD	MicroSearch G4.0 Wireless/Wired Combination Standard Portable Semi Rugged Touchscreen Computer with Wired Spares	4-7 8-11 12-15 16-25 26+	1.5% Off Base Price 3.0% Off Base Price 4.5% Off Base Price 6.0% Off Base Price 10.0% Off Base Price

MS-G4E-WLS Option #1	MicroSearch G4.0 Wireless Enhanced Portable Semi Rugged Touchscreen Computer with Wireless Spares Option #1	4-7 1.5% Off Base Price 8-11 3.0% Off Base Price 12-15 4.5% Off Base Price 16-25 6.0% Off Base Price 26+ 10.0% Off Base Price
MS-G4E-WLS-WS Option #1	MicroSearch G4.0 Wireless Enhanced Portable Fully-Rugged Touchscreen Computer with Wired Spares Option #1	4-7 1.5% Off Base Price 8-11 3.0% Off Base Price 12-15 4.5% Off Base Price 16-25 6.0% Off Base Price 26+ 10.0% Off Base Price
MS-G4E-WLS/WD Option #1	MicroSearch G4.0 Wireless/Wired Combination Enhanced Portable Semi Rugged Touchscreen Computer with Wired Spares Option #1	4-7 1.5% Off Base Price 8-11 3.0% Off Base Price 12-15 4.5% Off Base Price 16-25 6.0% Off Base Price 26+ 10.0% Off Base Price
MS-G4E-WLS Option #2	MicroSearch G4.0 Wireless Enhanced Portable Semi Rugged Touchscreen Computer with Wireless Spares Option #2	4-7 1.5% Off Base Price 8-11 3.0% Off Base Price 12-15 4.5% Off Base Price 16-25 6.0% Off Base Price 26+ 10.0% Off Base Price
MS-G4E-WLS-WS Option #2	MicroSearch G4.0 Wireless Enhanced Portable Fully-Rugged Touchscreen Computer with Wired Spares Option #2	4-7 1.5% Off Base Price 8-11 3.0% Off Base Price 12-15 4.5% Off Base Price 16-25 6.0% Off Base Price 26+ 10.0% Off Base Price
MS-G4E-WLS/WD Option #2	MicroSearch G4.0 Wireless/Wired Combination Enhanced Portable Semi Rugged Touchscreen Computer with Wired Spares Option #2	4-7 1.5% Off Base Price 8-11 3.0% Off Base Price 12-15 4.5% Off Base Price 16-25 6.0% Off Base Price 26+ 10.0% Off Base Price
MS-G5S-SEMI RUGGED PORTABLE	MicroSearch G5.0 Wired Standard Portable Semi-Rugged Touchscreen Computer with Standoff Vehicle Sensor (SVS) Configuration	4-7 1.5% Off Base Price 8-11 3.0% Off Base Price 12-15 4.5% Off Base Price 16-25 6.0% Off Base Price 26+ 10.0% Off Base Price
MS-G5S-Fully-Rugged PORTABLE	MicroSearch G5.0 Wired Standard Portable Fully-Rugged Touchscreen Computer with Standoff Vehicle Sensor (SVS) Configuration	4-7 1.5% Off Base Price 8-11 3.0% Off Base Price 12-15 4.5% Off Base Price 16-25 6.0% Off Base Price 26+ 10.0% Off Base Price
MS-G5E-SEMI RUGGED PORTABLE	MicroSearch G5.0 Wired Enhanced Portable Semi-Rugged Touchscreen Computer with Standoff Vehicle Sensor (SVS) Configuration	4-7 1.5% Off Base Price 8-11 3.0% Off Base Price 12-15 4.5% Off Base Price 16-25 6.0% Off Base Price 26+ 10.0% Off Base Price

MS-G5E-Fully-Rugged PORTABLE	MicroSearch G5.0 Wired Enhanced Portable Fully-Rugged Touchscreen Computer with Standoff Vehicle Sensor (SVS) Configuration	4-7 1.5% Off Base Price 8-11 3.0% Off Base Price 12-15 4.5% Off Base Price 16-25 6.0% Off Base Price 26+ 10.0% Off Base Price

8. Prompt payment terms. Net 30 days. *Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.*

9. Foreign items (list items by country of origin). Not Applicable

10a. Time of delivery. (Contractor insert number of days.)

> **SIN 541330ENG and SIN 541715:** Specified on the Task Order
> **SIN 334290:** up to 5 systems: 4-6 weeks; 6 or more systems: to be negotiated at time of order

10b. Expedited Delivery. Items available for expedited delivery are noted in this price list. Contact Contractor

10c. Overnight and 2-day delivery. Contact Contractor or To Be Determined at the Task Order level

10d. Urgent Requirements. Contact Contractor or To Be Determined at the Task Order level

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

> **SIN 541330ENG and SIN 541715:** Destination
> **SIN 334290:** Origin- Freight Prepaid and Add

12a. Ordering address(es). Same as Contractor

12b. Ordering procedures: See Federal Acquisition Regulation (FAR) 8.405-3

13. Payment address(es). Same as company address

14. Warranty provision. Contractor's standard commercial warranty.

15. Export packing charges, if applicable. Not Applicable

16. Terms and conditions of rental, maintenance, and repair (if applicable). Not Applicable

17. Terms and conditions of installation (if applicable). Not Applicable

18a. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable). Not Applicable

18b. Terms and conditions for any other services (if applicable). Not Applicable

19. List of service and distribution points (if applicable). Not Applicable

20. List of participating dealers (if applicable). Not Applicable

21. Preventive maintenance (if applicable). Not Applicable

22a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants). Not Applicable

22b. If applicable, indicate that Section 508 compliance information is available for the information and communications technology (ICT) products and services and show where full details can be found (e.g. contractor's website or other location.) ICT accessibility standards can be found at: https://www.Section508.gov/ Not Applicable

23. Unique Entity Identifier (UEI) number. DP3FAQE2UGT3

24. Notification regarding registration in System for Award Management (SAM) database. Contractor registered and active in SAM

Final Pricing:
The rates shown below include the Industrial Funding Fee (IFF) of 0.75%

SIN	Labor Category	Contractor, Customer Facility or Both	Year 3 (5/19/22-5/18/23) GSA PRICE incl IFF	Year 4 (5/19/23-5/18/24) GSA PRICE incl IFF	Year 5 (5/19/24-5/18/25) GSA PRICE incl IFF
541330ENG	Group Manager	Contractor Facility	$227.14	$232.14	$237.25
541330ENG	Project Manager	Contractor Facility	$188.38	$192.53	$196.76
541330ENG	Senior Staff Engineer/Scientist	Contractor Facility	$199.45	$203.84	$208.33
541330ENG	Staff Systems Engineer	Contractor Facility	$149.58	$152.87	$156.23
541330ENG	Staff Engineer/Scientist	Both	$196.09	$200.41	$204.81
541330ENG	Staff Systems/Tech Analyst	Contractor Facility	$149.58	$152.87	$156.23
541330ENG	Senior Systems Engineer	Contractor Facility	$166.25	$169.91	$173.65
541330ENG	Senior Engineer/Scientist	Contractor Facility	$158.82	$162.32	$165.89
541330ENG	Senior Systems/Tech Analyst	Contractor Facility	$142.83	$145.98	$149.19
541330ENG	Systems Engineer	Contractor Facility	$120.97	$123.63	$126.35
541330ENG	Engineer/Scientist	Contractor Facility	$122.46	$125.15	$127.90
541330ENG	Systems/Technical Analyst	Contractor Facility	$128.46	$131.29	$134.18
541330ENG	Associate Systems Engineer	Contractor Facility	$106.02	$108.35	$110.73
541330ENG	Associate Engineer/Scientist	Contractor Facility	$106.02	$108.35	$110.73

541330ENG	Associate Systems/Tech Analyst	Contractor Facility	*$123.00*	*$125.70*	*$128.47*
541330ENG	Senior Technician	Contractor Facility	*$83.58*	*$85.24*	*$87.30*
541330ENG	**Technician	Contractor Facility	*$65.20*	*$66.63*	*$68.10*
541330ENG	**Technical Writer/Editor/Admin	Contractor Facility	*$73.70*	*$75.32*	*$76.98*
541715	Administrative Analyst 1	Contractor Facility	*$111.82*	*$114.28*	*$116.80*
541715	Project Analyst 1	Contractor Facility	*$127.37*	*$130.17*	*$133.03*
541715	Project Analyst 2	Contractor Facility	*$174.69*	*$178.53*	*$182.46*
541715	Project Analyst 3	Contractor Facility	*$214.91*	*$219.64*	*$224.47*
541715	Engineer 1	Contractor Facility	*$118.38*	*$120.98*	*$123.64*
541715	Engineer 2	Contractor Facility	*$141.07*	*$144.17*	*$147.35*
541715	Engineer 3	Contractor Facility	*$185.68*	*$189.76*	*$193.93*
541715	Engineer 4	Contractor Facility	*$246.91*	*$252.34*	*$257.89*
541715	Engineer 5	Contractor Facility	*$265.26*	*$271.09*	*$277.06*
541715	Specialty Engineer 1	Contractor Facility	*$141.18*	*$144.28*	*$147.46*
541715	Specialty Engineer 2	Contractor Facility	*$153.35*	*$156.73*	*$160.17*
541715	Specialty Engineer 3	Contractor Facility	*$214.91*	*$219.64*	*$224.47*
541715	Specialty Engineer 4	Contractor Facility	*$265.26*	*$271.09*	*$277.06*
541715	Engineering Analyst 1	Contractor Facility	*$117.77*	*$120.36*	*$123.01*
541715	Engineering Analyst 2	Contractor Facility	*$141.07*	*$144.17*	*$147.35*
541715	Engineering Analyst 3	Contractor Facility	*$214.71*	*$219.44*	*$224.26*
541715	Subject Matter Expert 1	Contractor Facility	*$187.78*	*$191.91*	*$196.13*
541715	Subject Matter Expert 2	Contractor Facility	*$211.35*	*$215.99*	*$220.75*
541715	Subject Matter Expert 3	Contractor Facility	*$235.54*	*$240.72*	*$246.02*
541715	Subject Matter Expert 4	Contractor Facility	*$282.78*	*$289.00*	*$295.36*
541715	Subject Matter Expert 5	Contractor Facility	*$293.68*	*$300.14*	*$306.74*
541715	Program Manager	Contractor Facility	*$369.34*	*$377.46*	*$385.76*
541715	Project Manager 2	Contractor Facility	*$166.64*	*$170.31*	*$174.06*

Award (At time of award)/Modification No./New/Change	SIN/SIN(s)	Course Title	Course Description	Course Length	Price Offered to GSA (including IFF)
New - Add Training	541330ENG	MicroSearch Training	One Day On Site Setup/Training (Up to 25 personnel) - does not include replacement parts	1 day	$3,022.67

SIN/SIN(s)	MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION	UOI	DISCOUNT PRICE OFFERED TO GSA (including IFF)

| 334290 | MS-G4S-SEMI RUGGED PORTABLE without CMS | MicroSearch G4.0 Wired Standard Portable Semi-Rugged Touchscreen Computer without CMS | •Software & (1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G4.0 Software
•(1) MS Control Box
•(1) Power Supply
•(2) MS Vehicle Sensors
•(1) MS Ground Sensor
•(3) MS 50-foot Sensor Cables
•(1) USB Cable
•(1) User Manual
•(1) Custom Transit Case
Spares Provided Include:
•(1) MS Wired Vehicle Sensor
•(1) MS Wired Ground Sensor
•(1) MS 50-foot Sensor Cable | EA | $ 37,319.90 |
| 334290 | MS-G4S-SEMI RUGGED PORTABLE with CMS | MicroSearch G4.0 Wired Standard Portable Semi-Rugged Touchscreen Computer with CMS | •Software & (1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G4.0 Software
•(1) MS Control Box
•(1) Power Supply
•(2) MS Vehicle Sensors
•(1) MS Ground Sensor
•(3) MS 50-foot Sensor Cables
•(1) USB Cable
•(1) User Manual
•(1) Custom Transit Case
Spares Provided Include:
•(1) MS Wired Vehicle Sensor
•(1) MS Wired Ground Sensor
•(1) MS 50-foot Sensor Cable
•(1) 3-Reel Cable Management System | EA | $ 42,865.49 |

| 334290 | MS-G4S-Fully-Rugged PORTABLE without CMS | MicroSearch G4.0 Wired Standard Portable Fully-Rugged Touchscreen Computer without CMS | •Software & (1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G4.0 Software
•(1) MS Control Box
•(1) Power Supply
•(2) MS Vehicle Sensors
•(1) MS Ground Sensor
•(3) MS 50-foot Sensor Cables
•(1) USB Cable
•(1) User Manual
•(1) Custom Transit Case
Spares Provided Include:
•(1) MS Wired Vehicle Sensor
•(1) MS Wired Ground Sensor
•(1) MS 50-foot Sensor Cable | EA | $ 41,267.51 |
| 334290 | MS-G4S-Fully-Rugged PORTABLE with CMS | MicroSearch G4.0 Wired Standard Portable Fully-Rugged Touchscreen Computer with CMS | •Software & (1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G4.0 Software
•(1) MS Control Box
•(1) Power Supply
•(2) MS Vehicle Sensors
•(1) MS Ground Sensor
•(3) MS 50-foot Sensor Cables
•(1) USB Cable
•(1) User Manual
•(1) Custom Transit Case
Spares Provided Include:
•(1) MS Wired Vehicle Sensor
•(1) MS Wired Ground Sensor
•(1) MS 50-foot Sensor Cable
•(1) 3-Reel Cable Management System | EA | $ 46,815.11 |

334290	MS-G4E-SEMI RUGGED PORTABLE Option #1 without CMS	MicroSearch G4.0 Wired Enhanced Portable Semi-Rugged Touchscreen Computer Option #1 without CMS	•Software & (1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G4.0 Software •(1) MS Control Box •(1) Power Supply •(2) MS Vehicle Sensors •(3) MS Ground Sensors •(5) MS 50-foot Sensor Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 50-foot Sensor Cable	EA	$ 40,194.46
334290	MS-G4E-SEMI RUGGED PORTABLE Option #1 with CMS	MicroSearch G4.0 Wired Enhanced Portable Semi-Rugged Touchscreen Computer Option #1 with CMS	•Software & (1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G4.0 Software •(1) MS Control Box •(1) Power Supply •(2) MS Vehicle Sensors •(3) MS Ground Sensors •(5) MS 50-foot Sensor Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 50-foot Sensor Cable •(1) 5-Reel Cable Management System	EA	$ 46,888.66

| 334290 | MS-G4E-Fully-Rugged PORTABLE Option #1 without CMS | MicroSearch G4.0 Wired Enhanced Portable Fully-Rugged Touchscreen Computer Option #1 without CMS | •Software & (1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G4.0 Software
•(1) MS Control Box
•(1) Power Supply
•(2) MS Vehicle Sensors
•(3) MS Ground Sensors
•(5) MS 50-foot Sensor Cables
•(1) USB Cable
•(1) User Manual
•(1) Custom Transit Case
Spares Provided Include:
•(1) MS Wired Vehicle Sensor
•(1) MS Wired Ground Sensor
•(1) MS 50-foot Sensor Cable | EA | $ 44,920.91 |
| 334290 | MS-G4E-Fully-Rugged PORTABLE Option #1 with CMS | MicroSearch G4.0 Wired Enhanced Portable Fully-Rugged Touchscreen Computer Option #1 with CMS | •Software & (1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G4.0 Software
•(1) MS Control Box
•(1) Power Supply
•(2) MS Vehicle Sensors
•(3) MS Ground Sensors
•(5) MS 50-foot Sensor Cables
•(1) USB Cable
•(1) User Manual
•(1) Custom Transit Case
Spares Provided Include:
•(1) MS Wired Vehicle Sensor
•(1) MS Wired Ground Sensor
•(1) MS 50-foot Sensor Cable
•(1) 5-Reel Cable Management System | EA | $ 51,854.91 |

| 334290 | MS-G4E-SEMI RUGGED PORTABLE Option #2 without CMS | MicroSearch G4.0 Wired Enhanced Portable Semi-Rugged Touchscreen Computer Option #2 without CMS | •Software & (1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G4.0 Software
•(1) MS Control Box
•(1) Power Supply
•(4) MS Vehicle Sensors
•(1) MS Ground Sensor
•(5) MS 50-foot Sensor Cables
•(1) USB Cable
•(1) User Manual
•(1) Custom Transit Case
Spares Provided Include:
•(1) MS Wired Vehicle Sensor
•(1) MS Wired Ground Sensor
•(1) MS 50-foot Sensor Cable | EA | $ 40,194.46 |
| 334290 | MS-G4E-SEMI RUGGED PORTABLE Option #2 with CMS | MicroSearch G4.0 Wired Enhanced Portable Semi-Rugged Touchscreen Computer Option #2 with CMS | •Software & (1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G4.0 Software
•(1) MS Control Box
•(1) Power Supply
•(4) MS Vehicle Sensors
•(1) MS Ground Sensor
•(5) MS 50-foot Sensor Cables
•(1) USB Cable
•(1) User Manual
•(1) Custom Transit Case
Spares Provided Include:
•(1) MS Wired Vehicle Sensor
•(1) MS Wired Ground Sensor
•(1) MS 50-foot Sensor Cable
•(1) 5-Reel Cable Management System | EA | $ 46,888.66 |

334290	MS-G4E-Fully-Rugged PORTABLE Option #2 without CMS	MicroSearch G4.0 Wired Enhanced Portable Fully-Rugged Touchscreen Computer Option #2 without CMS	•Software & (1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G4.0 Software •(1) MS Control Box •(1) Power Supply •(4) MS Vehicle Sensors •(1) MS Ground Sensor •(5) MS 50-foot Sensor Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 50-foot Sensor Cable	EA	$ 44,920.91
334290	MS-G4E-Fully-Rugged PORTABLE Option #2 with CMS	MicroSearch G4.0 Wired Enhanced Portable Fully-Rugged Touchscreen Computer Option #2 with CMS	•Software & (1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G4.0 Software •(1) MS Control Box •(1) Power Supply •(4) MS Vehicle Sensors •(1) MS Ground Sensor •(5) MS 50-foot Sensor Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 50-foot Sensor Cable •(1) 5-Reel Cable Management System	EA	$ 51,854.91

334290	MS-G4S-WLS	MicroSearch G4.0 Wireless Standard Portable Semi Rugged Touchscreen Computer with Wireless Spares	•Software & (1) Portable Semi-Rugged Panasonic (CF-55) Toughbook •(1) MS Control Box •(1) Power Supply •(2) MS Wireless Vehicle Sensors •(1) MS Wireless Ground Sensor •(3) MS 3-foot Sensor Cables •(3) Wireless Receivers •(4) Antenna Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wireless Vehicle Sensor •(1) MS Wireless Ground Sensor •(1) MS 3-foot Sensor Cable	EA	$	49,658.44
334290	MS-G4S-WLS-WS	MicroSearch G4.0 Wireless Standard Portable Fully-Rugged Touchscreen Computer with Wired Spares	•Software & (1) Portable Fully-Rugged Panasonic (CF-40) Toughbook •(1) MS Control Box •(1) Power Supply •(2) MS Wireless Vehicle Sensors •(1) MS Wireless Ground Sensor •(3) MS 3-foot Sensor Cables •(3) Wireless Receivers •(4) Antenna Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 3-foot Sensor Cable •(2) MS 50-foot Sensor Cables	EA	$	43,510.33

| 334290 | MS-G4S-WLS/WD | MicroSearch G4.0 Wireless/Wired Combination Standard Portable Semi Rugged Touchscreen Computer with Wired Spares | •Software & (1) Portable Semi-Rugged Panasonic (CF-55) Toughbook
•(1) MS Control Box
•(1) Power Supply
•(2) MS Wireless Vehicle Sensors
•(1) MS Wired Ground Sensor
•(2) MS 3-foot Sensor Cables
•(1) MS 50-foot Sensor Cable
•(2) Wireless Receivers
•(2) Antenna Cables
•(1) USB Cable
•(1) User Manual
•(1) Custom Transit Case
Spares Provided Include:
•(1) MS Wired Vehicle Sensor
•(1) MS Wired Ground Sensor
•(1) MS 3-foot Sensor Cable
•(1) MS 50-foot Sensor Cable | EA | $ 46,393.95 |
| 334290 | MS-G4E-WLS Option #1 | MicroSearch G4.0 Wireless Enhanced Portable Semi Rugged Touchscreen Computer with Wireless Spares Option #1 | •Software & (1) Portable Semi-Rugged Panasonic (CF-55) Toughbook
•(1) MS Control Box
•(1) Power Supply
•(2) MS Wireless Vehicle Sensors
•(3) MS Wireless Ground Sensors
•(5) MS 3-foot Sensor Cables
•(5) Wireless Receivers
•(8) Antenna Cables
•(1) USB Cable
•(1) User Manual
•(1) Custom Wireless Rack
Spares Provided Include:
•(1) MS Wireless Vehicle Sensor
•(1) MS Wireless Ground Sensor | EA | $ 55,255.42 |

			•(2) MS 3-foot Sensor Cables			
334290	MS-G4E-WLS-WS Option #1	MicroSearch G4.0 Wireless Enhanced Portable Fully-Rugged Touchscreen Computer with Wired Spares Option #1	•Software & (1) Portable Fully-Rugged Panasonic (CF-40) Toughbook with Touchscreen •(1) MS Control Box •(1) Power Supply •(2) MS Wireless Vehicle Sensors •(3) MS Wireless Ground Sensors •(5) MS 3-foot Sensor Cables •(5) Wireless Receivers •(8) Antenna Cables •(1) USB Cable •(1) User Manual •(1) Custom Wireless Rack Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 3-foot Sensor Cable •(2) MS 50-foot Sensor Cables	EA	$ 53,778.34	

| 334290 | MS-G4E-WLS/WD Option #1 | MicroSearch G4.0 Wireless/Wired Combination Enhanced Portable Semi Rugged Touchscreen Computer with Wired Spares Option #1 | •Software & (1) Portable Semi-Rugged Panasonic (CF-55) Toughbook
•(1) MS Control Box
•(1) Power Supply
•(2) MS Wireless Vehicle Sensors
•(3) MS Wired Ground Sensors
•(2) MS 3-foot Sensor Cables
•(3) MS 50-foot Sensor Cables
•(2) Wireless Receivers
•(2) Antenna Cables
•(1) USB Cable
•(1) User Manual
•(1) Custom Transit Case
Spares Provided Include:
•(1) MS Wired Vehicle Sensor
•(1) MS Wired Ground Sensor
•(1) MS 3-foot Sensor Cable
•(1) MS 50-foot Sensor Cable | EA | $ 50,836.27 |
| 334290 | MS-G4E-WLS Option #2 | MicroSearch G4.0 Wireless Enhanced Portable Semi Rugged Touchscreen Computer with Wireless Spares Option #2 | •Software & (1) Portable Semi-Rugged Panasonic (CF-55) Toughbook
•(1) MS Control Box
•(1) Power Supply
•(4) MS Wireless Vehicle Sensors
•(1) MS Wireless Ground Sensor
•(5) MS 3-foot Sensor Cables
•(5) Wireless Receivers
•(8) Antenna Cables
•(1) USB Cable
•(1) User Manual
•(1) Custom Wireless Rack
Spares Provided Include:
•(1) MS Wireless Vehicle Sensor
•(1) MS Wireless Ground Sensor | EA | $ 55,255.42 |

			•(2) MS 3-foot Sensor Cables		
334290	MS-G4E-WLS-WS Option #2	MicroSearch G4.0 Wireless Enhanced Portable Fully-Rugged Touchscreen Computer with Wired Spares Option #2	•Software & (1) Portable Fully-Rugged Panasonic (CF-40) Toughbook •(1) MS Control Box •(1) Power Supply •(4) MS Wireless Vehicle Sensors •(1) MS Wireless Ground Sensor •(5) MS 3-foot Sensor Cables •(5) Wireless Receivers •(8) Antenna Cables •(1) USB Cable •(1) User Manual •(1) Custom Wireless Rack Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 3-foot Sensor Cable •(2) MS 50-foot Sensor Cables	EA	$ 53,778.34

334290	MS-G4E-WLS/WD Option #2	MicroSearch G4.0 Wireless/Wired Combination Enhanced Portable Semi Rugged Touchscreen Computer with Wired Spares Option #2	•Software & (1) Portable Semi-Rugged Panasonic (CF-55) Toughbook •(1) MS Control Box •(1) Power Supply •(4) MS Wireless Vehicle Sensors •(1) MS Wired Ground Sensor •(2) MS 3-foot Sensor Cables •(3) MS 50-foot Sensor Cables •(2) Wireless Receivers •(2) Antenna Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 3-foot Sensor Cable •(1) MS 50-foot Sensor Cable	EA	$ 50,836.27
334290	MS-G4-WMS	MicroSearch Wireless Receiver Management System	•(1) NEMA Rated Weatherproof Custom Wireless Rack for (5) Wireless Receivers	EA	$ 7,706.80
334290	WIRELESS (FULL) STANDARD UPGRADE	MS Human Presence Detection - Wired to Wireless Full Standard Upgrade	•(2) Wireless Vehicle Sensors •(1) Wireless Ground Sensor •(3) Wireless Receivers •(3) 3-foot Sensor Cables •(4) Antenna Cables	EA	$ 14,934.01
334290	WIRELESS (FULL) ENHANCED UPGRADE	MS Human Presence Detection - Wired to Wireless Full Enhanced Upgrade	•(2) Wireless Vehicle Sensors •(3) Wireless Ground Sensors •(5) Wireless Receivers •(5) 3-foot Sensor Cables •(8) Antenna Cables	EA	$ 22,567.25

334290	WIRELESS (VEHICLE SENSOR ONLY) UPGRADE	MS Human Presence Detection - Wired to Wireless Vehicle Sensor Upgrade	•(2) Wireless Vehicle Sensors •(2) Wireless Receivers •(2) 3-foot Sensor Cables •(2) Antenna Cables •(1) Custom Wireless Transit Case	EA	$ 10,118.89
334290	MS-G4S-CMS	MicroSearch G4 Standard Cable Management System	•(1) NEMA Rated Weatherproof Custom Wireless Rack for (5) Wireless Receivers •(3) Reels Pre-loaded with 50' Sensor Cables	EA	$ 5,930.48
334290	MS-G4E-CMS	MicroSearch G4 Enhanced Cable Management System	•(1) NEMA Rated Weatherproof Custom Wireless Rack for (5) Wireless Receivers •(5) Reels Preloaded with 50' Sensor Cables	EA	$ 8,161.21
334290	MS-G4-CAM	MicroSearch Camera	•(1) MicroSearch Camera for Recording Vehicles Being Processed through Inspection Point	EA	$ 415.11
334290	MS-G4-WS	MicroSearch Wind Sensor	•(1) MicroSearch Wind Sensor to Confirm Adequate Weather Conditions for Testing	EA	$ 482.62
334290	MS-G4-CTRL	Aluminum Control Box Module	•(1) Aluminum Control Box Module	EA	$ 5,153.65
334290	MS-G4-CBLUSB	10-foot USB Cable	•(1) 10-foot USB Cable	EA	$ 55.42
334290	MS-G4-CTRLPS	Control Box Module Power Supply	•(1) Control Box Module Power Supply	EA	$ 130.98
334290	MS-G4-GND	Wired Aluminum Ground Sensor	•(1) Wired Aluminum Ground Sensor	EA	$ 1,027.71
334290	MS-G4-VEH	Wired Aluminum Vehicle Sensor	•(1) Wired Aluminum Vehicle Sensor	EA	$ 1,088.16
334290	MS-G4-GND-P	Wired Polycarbonate Ground Sensor	•(1) Wired Polycarbonate Ground Sensor	EA	$ 947.10
334290	MS-G4-VEH-P	Wired Polycarbonate Vehicle Sensor	•(1) Wired Polycarbonate Vehicle Sensor	EA	$ 1,007.56
334290	MS-G4-CBLSNS	50-foot Sensor Cable	•(1) 50-foot Sensor Cable	EA	$ 539.04

334290	MS-G4-CBLREEL	Cable Reel with 50-foot Sensor Cable	•(1) Cable Reel with 50-foot Sensor Cable	EA	$ 1,088.16
334290	MS-G4-PC-S	Panasonic Semi-Rugged Toughbook with MicroSearch G4.0 Software	•(1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G4.0 Software	EA	$ 27,984.89
334290	MS-G4-PC-F	Panasonic Fully-Rugged Toughbook with MicroSearch G4.0 Software	•(1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G4.0 Software	EA	$ 29,481.11
334290	MS-G4-PC-SR	Replacement Panasonic Semi-Rugged Toughbook with MicroSearch G4.0 Software	•(1) Replacement Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G4.0 Software (Replacement for Existing Computers)	EA	$ 4,130.98
334290	MS-G4-PC-FR	Replacement Panasonic Fully-Rugged Toughbook with MicroSearch G4.0 Software	•(1) Replacement Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G4.0 Software (Replacement for Existing Computers)	EA	$ 6,549.12
334290	MS-G4-GND-W	Wireless Ground Sensor (includes Wireless Receiver)	•(1) Wireless Ground Sensor (with Wireless Receiver)	EA	$ 3,862.97
334290	MS-G4-VEH-W	Wireless Vehicle Sensor (includes Wireless Receiver)	•(1) Wireless Vehicle Sensor (with Wireless Receiver)	EA	$ 4,028.21
334290	MS-G4-GND-W-NR	Wireless Ground Sensor (without wireless receiver)	•(1) Wireless Ground Sensor (without Wireless Receiver)	EA	$ 2,983.38
334290	MS-G4-VEH-W-NR	Wireless Vehicle Sensor (without wireless receiver)	•(1) Wireless Vehicle Sensor (without Wireless Receiver)	EA	$ 3,148.61
334290	MS-G4-REC	MicroSearch Wireless Receiver	•(1) MicroSearch Wireless Receiver	EA	$ 1,179.85
334290	MS-G4-ANT-W	Antenna Cable	•(1) Antenna Cable	EA	$ 65.49
334290	MS-G4-CBL-W	3-foot Wireless Sensor Cable	•(1) 3-foot Wireless Sensor Cable	EA	$ 302.27

| 334290 | MS-G5S-SEMI RUGGED PORTABLE | MicroSearch G5.0 Wired Standard Portable Semi-Rugged Touchscreen Computer with Standoff Vehicle Sensor (SVS) Configuration | •Software & (1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G5.0 Software
•(1) MS Control Box
•(1) Power Supply
•(2) MS Standoff Vehicle Sensors to include Protective Sensor Enclosure
•(1) MS Ground Sensor
•(1) MS 50' Sensor Cable
•(1) MS SVS Power and Data Cable
•(1) USB Cable
•(1) User Manual
•(1) Custom Transit Case
Spares Provided Include:
•(1) MS Wired Vehicle Sensor
•(1) MS Wired SVS Sensor
•(1) MS 50' Sensor Cable | EA | $ 41,617.13 |
| 334290 | MS-G5S-Fully-Rugged PORTABLE | MicroSearch G5.0 Wired Standard Portable Fully-Rugged Touchscreen Computer with Standoff Vehicle Sensor (SVS) Configuration | •Software & (1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G5.0 Software
•(1) MS Control Box
•(1) Power Supply
•(2) MS Standoff Vehicle Sensors to include Protective Sensor Enclosure
•(1) MS Ground Sensor
•(1) MS 50' Sensor Cable
•(1) MS SVS Power and Data Cable
•(1) USB Cable
•(1) User Manual
•(1) Custom Transit Case
Spares Provided Include:
•(1) MS Wired | EA | $ 45,451.89 |

			Vehicle Sensor •(1) MS Wired SVS Sensor •(1) MS 50' Sensor Cable			
334290	MS-G5E-SEMI RUGGED PORTABLE	MicroSearch G5.0 Wired Enhanced Portable Semi-Rugged Touchscreen Computer with Standoff Vehicle Sensor (SVS) Configuration	•Software & (1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G5.0 Software •(1) MS Control Box •(1) Power Supply •(3) MS Ground Sensors •(2) MS SVS to include Protective Sensor Enclosure •(3) MS 50' Sensor Cables •(1) MS SVS Power and Data Cable •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired SVS Sensor •(1) MS 50' Sensor Cable	EA	$ 45,523.43	

334290	MS-G5E-Fully-Rugged PORTABLE	MicroSearch G5.0 Wired Enhanced Portable Fully-Rugged Touchscreen Computer with Standoff Vehicle Sensor (SVS) Configuration	•Software & (1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G5.0 Software •(1) MS Control Box •(1) Power Supply •(3) MS Ground Sensors •(2) MS SVS to include Protective Sensor Enclosure •(3) MS 50' Sensor Cables •(1) MS SVS Power and Data Cable •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired SVS Sensor •(1) MS 50' Sensor Cable	EA	$ 50,344.58
334290	MS-G5-CTRL	Aluminum Control Box Module	•(1) Aluminum Control Box Module	EA	$ 5,153.65
334290	MS-G5-CTRL-P	Polycarbonate Control Box Module	•(1) Polycarbonate Control Box Module	EA	$ 4,915.87
334290	MS-G5-CTRLPS	Control Box Module Power Supply	•(1) Control Box Module Power Supply and/or (1) Power and Data Cable	EA	$ 130.98
334290	MS-G5-GND	Wired Aluminum Ground Sensor	•(1) Wired Aluminum Ground Sensor	EA	$ 1,027.71
334290	MS-G5-SVSVEH	Standoff Vehicle Sensor Upgrade	•(2) Sensors •(2) Rubber Protective Speed Bump Enclosures •(1) Power and Data Cable •Remote Software Installation	EA	$ 11,586.90
334290	MS-G5-PC-S	Panasonic Semi-Rugged Toughbook with MicroSearch G5.0 Software	•(1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G5.0 Software	EA	$ 27,984.89

334290	MS-G5-PC-F	Panasonic Fully-Rugged Toughbook with MicroSearch G5.0 Software	•(1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G5.0 Software	EA	$ 29,481.11
334290	MS-G5-PC-SR	Replacement Panasonic Semi-Rugged Toughbook with MicroSearch G5.0 Software	•(1) Replacement Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G5.0 Software (Replacement for Existing Computers)	EA	$ 4,130.98
334290	MS-G5-PC-FR	Replacement Panasonic Fully-Rugged Toughbook with MicroSearch G5.0 Software	•(1) Replacement Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G5.0 Software (Replacement for Existing Computers)	EA	$ 6,549.12
334290	MS-G4-5-SS-W2	MicroSearch 2 Year Extended Warranty	MicroSearch Two Year Extended Warranty	EA	$ 9,571.79
334290	MS-G4-5-SS-W3	MicroSearch 3 Year Extended Warranty	MicroSearch Three Year Extended Warranty	EA	$ 14,357.68

SIN 541330ENG LABOR CATEGORY DESCRIPTIONS

Job Title: Group Manager

Minimum/General Experience: 10 plus years of experience.

Functional Responsibility: With minimal direction, plans, conducts and manages large project, special group or field office. Duties also include contract cost projections, contract management, newbusiness development, proposal preparation, recruiting, and establishing work procedures. Supervisesstaff members and conducts evaluations. May perform duties of a similar nature or character.

Minimum Education: Undergraduate level degree

Job Title: Project Manager

Minimum/General Experience: 10 plus years of experience.

Functional Responsibility: With minimal direction, coordinates all activities of a project to meet deadlines and budget. Develops project plans & budgets based upon corporate goals and objectives. Manages the overall activities of a project. Responsible for project staffing. Directs development andimplementation of project procedures and controls. Monitors the financial performance of a project.
Supervises and evaluates the staff assigned to the project. May perform duties of a similar nature orcharacter.

Minimum Education: Undergraduate level degree

Job Title: Senior Staff Engineer/Scientist

Minimum/General Experience: 10 plus years of experience.

Functional Responsibility: With only broad direction, acts as technical advisor, prepares customer presentations, evaluates progress and results on projects, applies advanced knowledge to solutions of difficult and unusual problems, may estimate manpower needs and schedule work, usually directs a large project or contract. Develops and applies new procedures objectives. May perform other dutiesof a similar nature or character.

Minimum Education: Undergraduate level degree .

Job Title: Staff Systems Engineer

Minimum/General Experience: 7 plus years of experience.
Functional Responsibility: With minimal direct, handles integration of electronic processes or methodologies to resolve complex system problems or applications using computer or other electronictechnology and equipment. High level technical contributor to the engineering development of circuitdesign and instrumentation design. Analyzes computer architecture and designs or equipment. Reviews and signs off on all software documentation. Provides technical advice to other engineers.Interfaces with customers. May perform other duties of a similar nature or character.
Minimum Education: Undergraduate level degree.

Job Title: Staff Engineer/Scientist
Minimum/General Experience: 7 plus years of experience.
Functional Responsibility: With minimal direction, carries out broad engineering assignments requiring application of advanced knowledge. Develops tests and analyzes results. Verifies instrumentation accuracy. Directs calibrations. Assists in proposal preparation and report writing.Client interface. May perform other duties of a similar nature or character.
Minimum Education: Undergraduate level degree in Engineering.

Job Title: Staff Systems/Technical Analyst
Minimum/General Experience: 7 plus years of experience.
Functional Responsibility: With minimal direction, develops complex system specifications andrecord layouts. High level technical contributor to the design, development, implementation and maintenance of complex systems. Recommends changes in procedures. Implements systemapplications. May perform other duties of a similar nature or character.
Minimum Education: Undergraduate level degree.

Job Title: Senior Systems Engineer
Minimum/General Experience: 5 plus years of experience.
Functional Responsibility: With only general direction, handles integration of electronic processes or methodologies to resolve non-routine system problems or applications using computer or other electronic technology and equipment. Performs non-routine engineering development of circuit design and instrumentation design. Analyzes computer architecture and design and network structure.Evaluates components or circuitry for use in electronic equipment. Recommends changes in methods, designs or equipment. Provides technical advice to other engineers. Interfaces with customers. Mayperform other duties similar in nature or character.
Minimum Education: Undergraduate level degree.

Job Title: Senior Engineer/Scientist
Minimum/General Experience: 7 plus years of experience.
Functional Responsibility: Under general supervision, plans and performs engineering or R&D assignments requiring originality and ingenuity. Performs instrumentation evaluation and design, including applied and theoretical analysis. Performs engineering analysis and special research studies.Coordinates, conducts and documents special engineering tests. Designs, fabricates, installs and maintains engineering systems. May manage a project or contract. May perform other duties similarin nature or character.
Minimum Education: Undergraduate level degree.

Job Title: Senior Systems/Technical Analyst
Minimum/General Experience: 7 plus years of experience.
Functional Responsibility: Under general supervision determines system applications, records layouts and develops procedures. Designs, develops, implements and maintains fairly complex systems. Analyzes problems and modifies system's design. Interfaces with users to develop systems and procedures. Recommends equipment modifications and additions. Advises and consults on implementation of systems applications. May perform other duties of a similar nature or character.
Minimum Education: Undergraduate level degree.

Job Title: Systems Engineer
Minimum/General Experience: 3 plus years of experience.
Functional Responsibility: Under general supervision, handles integration of electronic processes ormethodologies to resolve total system problems or applications using simple computer or other electronic technology and equipment. Performs standard engineering development and design work such as circuit design and instrumentation design. Analyzes computer architecture, design and network structure. Modifies and evaluates components or circuitry for use in electronic equipment. Designs, conducts and analyzes software unit and integration tests. May perform other duties similarin nature or character.
Minimum Education: Undergraduate level degree.

Job Title: Engineer/Scientist

Minimum/General Experience: 3 plus years of experience.

Functional Responsibility: Under general supervision, carries out engineering assignments and/or performs a variety of experiments and studies. Plans, designs, tests, repairs and inspects engineering conditions and equipment, conducts research, develops theories and devises methods to apply theories. Performs mathematical and test analyses and report writing. Devises testing procedures. Assists in

developing operational standards for safety. May be responsible for small project or task. May perform other duties of a similar nature or character.

Minimum Education: Undergraduate level degree.

Job Title: Systems/Technical Analyst

Minimum/General Experience: 3 plus years of experience.

Functional Responsibility: Under general supervision, analyzes user requirements and translates requirements into computer related system specifications. Prepares routine design and specifications. Researches routine user problems and makes system modifications. Assists with implementation of system applications. May perform other duties similar in nature or character.

Minimum Education: Undergraduate level degree.

Job Title: Associate Systems Engineer

Minimum/General Experience: 2 plus years of experience.

Functional Responsibility: Under general supervision, performs integration of electronic processes or methodologies to resolve routine system problems or applications using computer or other electronic technology and equipment. Performs engineering development of routine circuit design and

instrumentation design. Performs software integration tests. Modifies components or circuitry for use in electronic equipment. May perform other duties similar in nature or character.

Minimum Education: Undergraduate level degree

Job Title: Associate Engineer/Scientist

Minimum/General Experience: 2 plus years of experience.

Functional Responsibility: Under general supervision, performs routine engineering R&D assignments. Assists in design and development of routine engineering systems and/or conducts routine scientific research. May develop theories and devise methods to apply theories. Performs routine mathematical analyses. Performs installation, calibration and maintenance of electronic test

equipment. Performs field testing and data reduction for analytical purposes. May perform other duties of a similar nature and character.

Minimum Education: Undergraduate level degree

Job Title: Associate Systems/Technical Analyst

Minimum/General Experience: 2 plus years of experience.

Functional Responsibility: Under general supervision, analyzes and evaluates system capabilities. Prepares simple design and specifications for system development. Prepares workflow charts & diagrams to specify in detail operations to be performed by equipment and computer programs.

Designs record and form layouts. May perform duties of a similar nature or character.

Minimum Education: Undergraduate level degree.

Job Title: Senior Technician

Minimum/General Experience: 6 months of experience.

Functional Responsibility: Operates under indirect supervision. Provides technical support in engineering for electrical/mechanical components/equipment, including calibration, alignment and repair of electrical/mechanical components/equipment. Operates complex test equipment or instrumentation. Conducts tests, analyzes results and modifies equipment. Assists in design,

development and construction of components/equipment. May perform other duties of a similar nature or character.

Minimum Education: Undergraduate level degree (or 5.5 years' experience).

Job Title: Technician

Minimum/General Experience: 4 plus years of experience.

Functional Responsibility: Sets-up and operates standard test equipment. Records test data. Assists in test report preparation. Troubleshoots, corrects malfunctions and modifications. Assembles or constructs standard equipment. Prepares sketches of circuits. May perform other duties of a similar nature or character.

Minimum Education: High School diploma or equivalent.

Job Title: Technical Writer/ Editor/Administrative

Minimum/General Experience: 3 plus years of experience.

Functional Responsibility: Under general supervision, performs a variety of complex non-routine technical writing and editing assignments requiring appreciable evaluation, originality and ingenuity. Interfaces with technical staff to collect information required to prepare complex technical documents. Coordinates layout and organization of manuals and technical documents. Prepares outline of contents and written test. Editing, proofreading and approval of final copy before publishing documents. May perform other duties of a similar nature or character.
Minimum Education: High School diploma.

Footnote: one year of relevant experience is equal to one year of education

SIN 541715 LABOR CATEGORY DESCRIPTIONS

Job Title: Administrative Analyst 1
Minimum/General Experience: One year of experience in administrative functional specialty.
Functional Responsibility: Provides support to program management staff in administrative functional specialty, performing tasks such as typing, administration, word processing, or reception. Requires technical computer skills and ability to use word processing, spreadsheet, and presentation development software.
Minimum Education: Associates; One year of specialized experience may be substituted for the associate's degree.

Job Title: Project Analyst 1
Minimum/General Experience: One to four years' experience performing management analysis.
Functional Responsibility: Performs management analysis in areas such as business process reengineering, configuration management, quality control/assurance, risk management, schedule management, and financial management. Applies appropriate management analysis processes, modeling and simulation tools, and technical techniques to provide the services required. Coordinates a project team to ensure enterprise-wide integration of management efforts.
Minimum Education: Bachelors; An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Project Analyst 2
Minimum/General Experience: Five to nine years' experience performing management analysis.
Functional Responsibility: Performs specialized management analysis in areas such as business process reengineering, configuration management, quality control/assurance, risk management, schedule management, and financial management. Applies appropriate management analysis processes, modeling and simulation tools, and technical techniques to provide the services required. Coordinates multiple project teams to ensure enterprise-wide integration of management efforts. Provides direction to personnel performing management analysis tasking.
Minimum Education: Bachelors; An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Project Analyst 3
Minimum/General Experience: 10 to 15 years' experience performing management analysis.
Functional Responsibility: Performs specialized management analysis in areas such as business process reengineering, configuration management, quality control/assurance, risk management, schedule management, and financial management. Applies applicable management analysis processes, modeling and simulation tools, and technical techniques to provide the services required. Serves as key coordinator among multiple project teams to ensure enterprise-wide integration of management efforts. Provides supervision and direction to personnel performing management analysis tasking.
Minimum Education: Bachelors; An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Engineer 1
Minimum/General Experience: Typically has up to four years' experience in an engineering discipline such as aerospace, electrical, mechanical, information, computer, software, telecommunications, information security, network, or other engineering disciplines.
Functional Responsibility: Supports engineering efforts that provide engineering, technical, and managerial direction for problem definition, analysis, requirement development, and implementation for complex systems in the engineering discipline required to meet technical requirements. Participates in efforts that develop recommendations and advice on system development, improvements, optimization, or support efforts.
Minimum Education: Bachelor's degree in aerospace, electrical, mechanical, or software engineering, physics or mathematics. An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Engineer 2

Minimum/General Experience: Typically has five to nine years' experience in an engineering discipline such as aerospace, electrical, mechanical, information, computer, software, telecommunications, information security, network, or other engineering disciplines. Typically has at least 3 years' experience leading engineering efforts with the application of engineering disciplines in the technical field directly related to the required area tasking being supported.

Functional Responsibility: Supports engineering efforts that provide engineering, technical, and managerial direction for problem definition, analysis, requirement development, and implementation for complex systems in the engineering discipline required to meet technical requirements. Participates in efforts that develop recommendations and advice on system development, improvements, optimization, or support efforts.

Minimum Education: Bachelor's degree in aerospace, electrical, mechanical, or software engineering, physics or mathematics. An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Engineer 3

Minimum/General Experience: Typically has 10 to 15 years' experience in an engineering discipline such as aerospace, electrical, mechanical, information, computer, software, telecommunications, information security, network, or other engineering disciplines. Typically has at least 5 years' experience leading engineering efforts and supervising engineering staff involved with the application of engineering disciplines in the technical field directly related to the required tasking area being supported.

Functional Responsibility: Leads engineering efforts and supervises engineering staff participating in such efforts. Provides engineering, technical, and managerial direction for problem definition, analysis, requirement development, and implementation for complex systems in the engineering discipline required to meet technical requirements. Makes recommendations and advises on system development, improvements, optimization, or support efforts. Performs risk assessments and analyses employing modeling and simulation techniques.

Minimum Education: Bachelor's degree in aerospace, electrical, mechanical, or software engineering, physics or mathematics. An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Engineer 4

Minimum/General Experience: Typically has 16 to 25 years' experience in an engineering discipline such as aerospace, electrical, mechanical, information, computer, software, telecommunications, information security, network, or other engineering disciplines. Typically has at least 8 years' experience leading engineering efforts and supervising engineering staff involved with the application of engineering disciplines in the technical field directly related to the required tasking area being supported.

Functional Responsibility: Leads engineering efforts and supervises engineering staff participating in such efforts. Provides engineering, technical, and managerial direction for problem definition, analysis, requirement development, and implementation for complex systems in the engineering discipline required to meet technical requirements. Makes recommendations and advises on system development, improvements, optimization, or support efforts. Performs risk assessments and analyses employing modeling and simulation techniques.

Minimum Education: Master's degree in aerospace, mechanical, electrical or software engineering, physics or mathematics. four years of specialized experience may be substituted for a bachelor's degree; and an additional four years of specialized experience may be substituted for the Master's degree.

Job Title: Engineer 5

Minimum/General Experience: Typically has over 25 years' experience in an engineering discipline such as aerospace, electrical, mechanical, information, computer, software, telecommunications, information security, network, or other engineering disciplines. Typically has at least 10 years' experience leading engineering efforts and supervising engineering staff involved with the application of engineering disciplines in the technical field directly related to the required tasking area being supported.

Functional Responsibility: Leads engineering efforts and supervises engineering staff participating in such efforts. Provides engineering, technical, and managerial direction for problem definition, analysis, requirement development, and implementation for complex systems in the engineering discipline required to meet technical requirements. Makes recommendations and advises on system development, improvements, optimization, or support efforts. Performs risk assessments and analyses employing modeling and simulation techniques.

Minimum Education: Master's degree in aerospace, mechanical, electrical or software engineering, physics or mathematics. four years of specialized experience may be substituted for a bachelor's degree; and additional four years of specialized experience may be substituted for the Master's degree.

Job Title: Specialty Engineer 1

Minimum/General Experience: Typically has at least one year of combined new and related older technical experience in the technical discipline directly related to the required area of expertise.

Functional Responsibility: Supports efforts that provide specialty engineering (Reliability, Maintainability, Availability, Dependability, or Logistical support), technical, and managerial direction for problem definition, analysis, requirement development, and implementation for complex systems in the engineering discipline required to meet technical requirements. Participates in efforts that develop recommendations and advice on system development, improvements, optimization, or support efforts.

Minimum Education: Bachelor's degree and up to four years of experience in specialty engineering or logistic efforts. An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Specialty Engineer 2

Minimum/General Experience: Typically has at least five years of combined new and related older technical experience in the technical discipline directly related to the required area of expertise.

Functional Responsibility: Supports efforts that provide specialty engineering (Reliability, Maintainability, Availability, Dependability, or Logistical support), technical, and managerial direction for problem definition, analysis, requirement development, and implementation for complex systems in the engineering discipline required to meet technical requirements. Participates in efforts that develop recommendations and advice on system development, improvements, optimization, or support efforts.

Minimum Education: Bachelor's degree and five to nine years of experience in specialty engineering or logistic efforts. An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Specialty Engineer 3

Minimum/General Experience: Typically has at least eight years of combined new and related older technical experience in the technical discipline directly related to the required area of expertise.

Functional Responsibility: Leads efforts that provide specialty engineering (Reliability, Maintainability, Availability, Dependability, or Logistical support), technical, and managerial direction for problem definition, analysis, requirement development, and implementation for complex systems in the engineering discipline required to meet technical requirements. Participates in efforts that develop recommendations and advice on system development, improvements, optimization, or support efforts.

Minimum Education: Bachelor's degree and 10 to 15 years of experience in specialty engineering or logistic efforts. An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Specialty Engineer 4

Minimum/General Experience: Typically has at least 10 years of combined new and related older technical experience in the technical discipline directly related to the required area of expertise.

Functional Responsibility: Leads engineering efforts and supervises engineering staff participating in such efforts. Provides engineering, technical, and managerial direction for problem definition, analysis, requirement development, and implementation for complex systems in the engineering discipline required to meet technical requirements. Makes recommendations and advises on system development, improvements, optimization, or support efforts. Performs risk assessments and analyses employing modeling and simulation techniques.

Minimum Education: Bachelor's degree and over 15 years of experience in specialty engineering or logistic efforts. An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Engineering Analyst 1

Minimum/General Experience: Typically has at least one year of combined new and related older technical experience in the technical discipline directly related to the required area of expertise.

Functional Responsibility: Serves as a system and component level analyst on complex systems. Develops models and simulations to assess performance, develop requirements/allocations and analyze anomalies. Provides guidance to the technical staff on the analytical procedures/processes reflecting detailed knowledge of analytical areas. Interfaces with contractor and government personnel and other domain/functional experts. Reports in writing and orally to contractor management and government representatives.

Minimum Education: Bachelor's degree and up to four years of experience in complex engineering or technical efforts. An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Engineering Analyst 2

Minimum/General Experience: Typically has at least four years of combined new and related older technical experience in the technical discipline directly related to the required area of expertise.

Functional Responsibility: Serves as a system and component level analyst on complex systems. Develops models and simulations to assess performance, develop requirements/allocations and analyze anomalies. Provides guidance to the technical staff on the analytical procedures/processes reflecting detailed knowledge of analytical areas. Interfaces with contractor and government personnel and other domain/functional experts. Reports in writing and orally to contractor management and government representatives.

Minimum Education: Bachelor's degree and five to nine years of experience in complex engineering or technical efforts. An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Engineering Analyst 3

Minimum/General Experience: Typically has at least 10 years of combined new and related older technical experience in the technical discipline directly related to the required area of expertise.

Functional Responsibility: Leads system and component level analyst on complex systems. Develops models and simulations to assess performance, develop requirements/allocations and analyze anomalies. Provides guidance to the technical staff on the analytical procedures/processes reflecting detailed knowledge of analytical areas. Interfaces with contractor and government personnel and other domain/functional experts. Reports in writing and orally to contractor management and government representatives.

Minimum Education: Bachelor's degree and 10 to 15 years of experience in complex engineering or technical efforts. An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Subject Matter Expert 1

Minimum/General Experience: Typically has at least one year of combined new and related older technical experience in the technical discipline directly related to the required area of expertise.

Functional Responsibility: Serves as a subject matter technical expert in areas relevant to the project. Provides guidance to the technical staff on the functional procedures/ processes/ policies reflecting detailed knowledge of functional areas. Interfaces with contractor and government personnel and other functional experts. Reports in writing and orally to contractor management and government representatives.

Minimum Education: Bachelor's degree and up to four years of experience in complex engineering or technical efforts. An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Subject Matter Expert 2

Minimum/General Experience: Typically has at least five years of combined new and related older technical experience in the technical discipline directly related to the required area of expertise.

Functional Responsibility: Serves as a subject matter technical expert in areas relevant to the project. Provides guidance to the technical staff on the functional procedures/ processes/ policies reflecting detailed knowledge of functional areas. Interfaces with contractor and government personnel and other functional experts. Reports in writing and orally to contractor management and government representatives.

Minimum Education: Bachelor's degree and five to nine years of experience in complex engineering or technical efforts. An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Subject Matter Expert 3

Minimum/General Experience: Typically has at least eight years of combined new and related older technical experience in the technical discipline directly related to the required area of expertise.

Functional Responsibility: Serves as a subject matter technical expert in areas relevant to the project. Provides guidance to the technical staff on the functional procedures/ processes/ policies reflecting detailed knowledge of functional areas. Interfaces with contractor and government personnel and other functional experts. Reports in writing and orally to contractor management and government representatives.

Minimum Education: Bachelor's degree and 10 to 15 years of experience in complex engineering or technical efforts. An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Subject Matter Expert 4

Minimum/General Experience: Typically has at least 12 years of combined new and related older technical experience in the technical discipline directly related to the required area of expertise.

Functional Responsibility: Defines the problems, analyzes, and develops plans and requirements in the subject matter area for moderately complex to complex systems. Coordinates and manages the preparation of analysis, evaluations, and recommendations for proper implementation into program documentation. Interfaces with contractor and government personnel and other functional experts. Reports in writing and orally to contractor management and government representatives.

Minimum Education: Bachelor's degree and 16 to 25 years of experience in complex engineering or technical efforts. An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Subject Matter Expert 5

Minimum/General Experience: Typically has at least 12 years of combined new and related older technical experience in the technical discipline directly related to the required area of expertise.

Functional Responsibility: Serves as a senior subject matter technical expert in areas relevant to the project. Produces/reviews substantive and/or complex technical documentation reflecting detailed knowledge of technical areas. Documentation subjects shall include but be not limited to systems design, system architecture, feasibility studies, and system specifications. Interfaces with contractor and government personnel and other functional experts. Reports in writing and orally to contractor management and government representatives.

Minimum Education: Bachelor's degree and over 25 years of experience in complex engineering or technical efforts. An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Program Manager

Minimum/General Experience: Typically has at least five years of direct supervision of technical personnel involved in support of complex systems. PMP certification desired.

Functional Responsibility: Must be capable of leading projects that involve the successful management of teams composed of engineers, scientists, and management professionals who have been involved in analyzing, designing, developing, integrating, training, testing, documenting, implementing, and maintaining complex systems. Performs day-to-day management of overall contract support operations, possibly involving multiple projects and groups of personnel at multiple locations. Organizes, directs, and coordinates planning and production of all contract support activities. Demonstrates written and oral communication skills. Establishes and alters (as necessary) corporate management structure to direct effective contract support activities.

Minimum Education: Bachelor's degree and 10 to 15 years of experience in managing complex engineering or technical efforts involving multiple facets of an engineer discipline. An additional four years of specialized experience may be substituted for the bachelor's degree.

Job Title: Project Manager 2

Minimum/General Experience: Typically has at least two years of hands-on experience in direct supervision of major efforts in the analysis, design, development, integration, training, testing, documentation, and implementation of complex systems. PMP certification desired.

Functional Responsibility: Performs day-to-day management of assigned task order projects that involve teams of engineers, scientists, and management professionals involved in analyzing, designing, integrating, training, testing, documenting, implementing, and maintaining large complex systems. Demonstrates proven skills in those technical areas addressed by the task order to be managed. Organizes, directs, and coordinates planning and production of all activities associated with assigned task order projects. Demonstrates written and oral communication skills.

Minimum Education: Bachelor's degree and five to nine years of experience in managing complex engineering or technical efforts involving multiple facets of an engineering discipline. An additional four years of specialized experience may be substituted for the bachelor's degree.

- *One year of specialized experience may be substituted for the Associate's degree.*
- *Four years of specialized experience may be substituted for the Bachelor's degree.*
- *An additional 4 years of specialized experience may be substituted for the Master's degree*

SIN 334290 Security and Detection Systems

MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION
MS-G4S-SEMI RUGGED PORTABLE without CMS	MicroSearch G4.0 Wired Standard Portable Semi-Rugged Touchscreen Computer without CMS	•Software & (1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G4.0 Software •(1) MS Control Box •(1) Power Supply •(2) MS Vehicle Sensors •(1) MS Ground Sensor •(3) MS 50-foot Sensor Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 50-foot Sensor Cable
MS-G4S-SEMI RUGGED PORTABLE with CMS	MicroSearch G4.0 Wired Standard Portable Semi-Rugged Touchscreen Computer with CMS	•Software & (1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G4.0 Software •(1) MS Control Box •(1) Power Supply •(2) MS Vehicle Sensors •(1) MS Ground Sensor •(3) MS 50-foot Sensor Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 50-foot Sensor Cable •(1) 3-Reel Cable Management System
MS-G4S-FULLY RUGGED PORTABLE without CMS	MicroSearch G4.0 Wired Standard Portable Fully-Rugged Touchscreen Computer without CMS	•Software & (1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G4.0 Software •(1) MS Control Box •(1) Power Supply •(2) MS Vehicle Sensors •(1) MS Ground Sensor •(3) MS 50-foot Sensor Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 50-foot Sensor Cable

MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION
MS-G4S-FULLY RUGGED PORTABLE with CMS	MicroSearch G4.0 Wired Standard Portable Fully-Rugged Touchscreen Computer with CMS	•Software & (1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G4.0 Software •(1) MS Control Box •(1) Power Supply •(2) MS Vehicle Sensors •(1) MS Ground Sensor •(3) MS 50-foot Sensor Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 50-foot Sensor Cable •(1) 3-Reel Cable Management System
MS-G4E-SEMI RUGGED PORTABLE Option #1 without CMS	MicroSearch G4.0 Wired Enhanced Portable Semi-Rugged Touchscreen Computer Option #1 without CMS	•Software & (1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G4.0 Software •(1) MS Control Box •(1) Power Supply •(2) MS Vehicle Sensors •(3) MS Ground Sensors •(5) MS 50-foot Sensor Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 50-foot Sensor Cable
MS-G4E-SEMI RUGGED PORTABLE Option #1 with CMS	MicroSearch G4.0 Wired Enhanced Portable Semi-Rugged Touchscreen Computer Option #1 with CMS	•Software & (1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G4.0 Software •(1) MS Control Box •(1) Power Supply •(2) MS Vehicle Sensors •(3) MS Ground Sensors •(5) MS 50-foot Sensor Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 50-foot Sensor Cable •(1) 5-Reel Cable Management System

MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION
MS-G4E-FULLY RUGGED PORTABLE Option #1 without CMS	MicroSearch G4.0 Wired Enhanced Portable Fully-Rugged Touchscreen Computer Option #1 without CMS	•Software & (1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G4.0 Software •(1) MS Control Box •(1) Power Supply •(2) MS Vehicle Sensors •(3) MS Ground Sensors •(5) MS 50-foot Sensor Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 50-foot Sensor Cable
MS-G4E-FULLY RUGGED PORTABLE Option #1 with CMS	MicroSearch G4.0 Wired Enhanced Portable Fully-Rugged Touchscreen Computer Option #1 with CMS	•Software & (1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G4.0 Software •(1) MS Control Box •(1) Power Supply •(2) MS Vehicle Sensors •(3) MS Ground Sensors •(5) MS 50-foot Sensor Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 50-foot Sensor Cable •(1) 5-Reel Cable Management System
MS-G4E-SEMI RUGGED PORTABLE Option #2 without CMS	MicroSearch G4.0 Wired Enhanced Portable Semi-Rugged Touchscreen Computer Option #2 without CMS	•Software & (1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G4.0 Software •(1) MS Control Box •(1) Power Supply •(4) MS Vehicle Sensors •(1) MS Ground Sensor •(5) MS 50-foot Sensor Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 50-foot Sensor Cable

MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION
MS-G4E-SEMI RUGGED PORTABLE Option #2 with CMS	MicroSearch G4.0 Wired Enhanced Portable Semi-Rugged Touchscreen Computer Option #2 with CMS	•Software & (1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G4.0 Software •(1) MS Control Box •(1) Power Supply •(4) MS Vehicle Sensors •(1) MS Ground Sensor •(5) MS 50-foot Sensor Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 50-foot Sensor Cable •(1) 5-Reel Cable Management System
MS-G4E-FULLY RUGGED PORTABLE Option #2 without CMS	MicroSearch G4.0 Wired Enhanced Portable Fully-Rugged Touchscreen Computer Option #2 without CMS	•Software & (1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G4.0 Software •(1) MS Control Box •(1) Power Supply •(4) MS Vehicle Sensors •(1) MS Ground Sensor •(5) MS 50-foot Sensor Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 50-foot Sensor Cable
MS-G4E-FULLY RUGGED PORTABLE Option #2 with CMS	MicroSearch G4.0 Wired Enhanced Portable Fully-Rugged Touchscreen Computer Option #2 with CMS	•Software & (1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G4.0 Software •(1) MS Control Box •(1) Power Supply •(4) MS Vehicle Sensors •(1) MS Ground Sensor •(5) MS 50-foot Sensor Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 50-foot Sensor Cable •(1) 5-Reel Cable Management System

MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION
MS-G4S-WLS	MicroSearch G4.0 Wireless Standard Portable Semi Rugged Touchscreen Computer with Wireless Spares	•Software & (1) Portable Semi-Rugged Panasonic (CF-55) Toughbook •(1) MS Control Box •(1) Power Supply •(2) MS Wireless Vehicle Sensors •(1) MS Wireless Ground Sensor •(3) MS 3-foot Sensor Cables •(3) Wireless Receivers •(4) Antenna Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wireless Vehicle Sensor •(1) MS Wireless Ground Sensor •(1) MS 3-foot Sensor Cable
MS-G4S-WLS-WS	MicroSearch G4.0 Wireless Standard Portable Fully-Rugged Touchscreen Computer with Wired Spares	•Software & (1) Portable Fully-Rugged Panasonic (CF-40) Toughbook •(1) MS Control Box •(1) Power Supply •(2) MS Wireless Vehicle Sensors •(1) MS Wireless Ground Sensor •(3) MS 3-foot Sensor Cables •(3) Wireless Receivers •(4) Antenna Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 3-foot Sensor Cable •(2) MS 50-foot Sensor Cables
MS-G4S-WLS/WD	MicroSearch G4.0 Wireless/Wired Combination Standard Portable Semi Rugged Touchscreen Computer with Wired Spares	•Software & (1) Portable Semi-Rugged Panasonic (CF-55) Toughbook •(1) MS Control Box •(1) Power Supply •(2) MS Wireless Vehicle Sensors •(1) MS Wired Ground Sensor •(2) MS 3-foot Sensor Cables •(1) MS 50-foot Sensor Cable •(2) Wireless Receivers •(2) Antenna Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 3-foot Sensor Cable •(1) MS 50-foot Sensor Cable

MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION
MS-G4E-WLS Option #1	MicroSearch G4.0 Wireless Enhanced Portable Semi Rugged Touchscreen Computer with Wireless Spares Option #1	•Software & (1) Portable Semi-Rugged Panasonic (CF-55) Toughbook •(1) MS Control Box •(1) Power Supply •(2) MS Wireless Vehicle Sensors •(3) MS Wireless Ground Sensors •(5) MS 3-foot Sensor Cables •(5) Wireless Receivers •(8) Antenna Cables •(1) USB Cable •(1) User Manual •(1) Custom Wireless Rack Spares Provided Include: •(1) MS Wireless Vehicle Sensor •(1) MS Wireless Ground Sensor •(2) MS 3-foot Sensor Cables
MS-G4E-WLS-WS Option #1	MicroSearch G4.0 Wireless Enhanced Portable Fully-Rugged Touchscreen Computer with Wired Spares Option	•Software & (1) Portable Fully-Rugged Panasonic (CF-40) Toughbook with Touchscreen •(1) MS Control Box •(1) Power Supply •(2) MS Wireless Vehicle Sensors •(3) MS Wireless Ground Sensors •(5) MS 3-foot Sensor Cables •(5) Wireless Receivers •(8) Antenna Cables •(1) USB Cable •(1) User Manual •(1) Custom Wireless Rack Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 3-foot Sensor Cable •(2) MS 50-foot Sensor Cables
MS-G4E-WLS/WD Option #1	MicroSearch G4.0 Wireless/Wired Combination Enhanced Portable Semi Rugged Touchscreen Computer with Wired Spares Option #1	•Software & (1) Portable Semi-Rugged Panasonic (CF-55) Toughbook •(1) MS Control Box •(1) Power Supply •(2) MS Wireless Vehicle Sensors •(3) MS Wired Ground Sensors •(2) MS 3-foot Sensor Cables •(3) MS 50-foot Sensor Cables •(2) Wireless Receivers •(2) Antenna Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 3-foot Sensor Cable •(1) MS 50-foot Sensor Cable

MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION
MS-G4E-WLS Option #2	MicroSearch G4.0 Wireless Enhanced Portable Semi Rugged Touchscreen Computer with Wireless Spares Option #2	•Software & (1) Portable Semi-Rugged Panasonic (CF-55) Toughbook •(1) MS Control Box •(1) Power Supply •(4) MS Wireless Vehicle Sensors •(1) MS Wireless Ground Sensor •(5) MS 3-foot Sensor Cables •(5) Wireless Receivers •(8) Antenna Cables •(1) USB Cable •(1) User Manual •(1) Custom Wireless Rack Spares Provided Include: •(1) MS Wireless Vehicle Sensor •(1) MS Wireless Ground Sensor •(2) MS 3-foot Sensor Cables
MS-G4E-WLS-WS Option #2	MicroSearch G4.0 Wireless Enhanced Portable Fully-Rugged Touchscreen Computer with Wired Spares Option #2	•Software & (1) Portable Fully-Rugged Panasonic (CF-40) Toughbook •(1) MS Control Box •(1) Power Supply •(4) MS Wireless Vehicle Sensors •(1) MS Wireless Ground Sensor •(5) MS 3-foot Sensor Cables •(5) Wireless Receivers •(8) Antenna Cables •(1) USB Cable •(1) User Manual •(1) Custom Wireless Rack Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 3-foot Sensor Cable •(2) MS 50-foot Sensor Cables
MS-G4E-WLS/WD Option #2	MicroSearch G4.0 Wireless/Wired Combination Enhanced Portable Semi Rugged Touchscreen Computer with Wired Spares Option #2	•Software & (1) Portable Semi-Rugged Panasonic (CF-55) Toughbook •(1) MS Control Box •(1) Power Supply •(4) MS Wireless Vehicle Sensors •(1) MS Wired Ground Sensor •(2) MS 3-foot Sensor Cables •(3) MS 50-foot Sensor Cables •(2) Wireless Receivers •(2) Antenna Cables •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired Ground Sensor •(1) MS 3-foot Sensor Cable •(1) MS 50-foot Sensor Cable
MS-G4-WMS	MicroSearch Wireless Receiver Management System	•(1) NEMA Rated Weatherproof Custom Wireless Rack for (5) Wireless Receivers

MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION
WIRELESS (FULL) STANDARD UPGRADE	MS Human Presence Detection - Wired to Wireless Full Standard Upgrade	•(2) Wireless Vehicle Sensors •(1) Wireless Ground Sensor •(3) Wireless Receivers •(3) 3-foot Sensor Cables •(4) Antenna Cables
WIRELESS (FULL) ENHANCED UPGRADE	MS Human Presence Detection - Wired to Wireless Full Enhanced Upgrade	•(2) Wireless Vehicle Sensors •(3) Wireless Ground Sensors •(5) Wireless Receivers •(5) 3-foot Sensor Cables •(8) Antenna Cables
WIRELESS (VEHICLE SENSOR ONLY) UPGRADE	MS Human Presence Detection - Wired to Wireless Vehicle Sensor Upgrade	•(2) Wireless Vehicle Sensors •(2) Wireless Receivers •(2) 3-foot Sensor Cables •(2) Antenna Cables •(1) Custom Wireless Transit Case
MS-G4S-CMS	MicroSearch G4 Standard Cable Management System	•(1) NEMA Rated Weatherproof Custom Wireless Rack for (5) Wireless Receivers •(3) Reels Pre-loaded with 50' Sensor Cables
MS-G4E-CMS	MicroSearch G4 Enhanced Cable Management System	•(1) NEMA Rated Weatherproof Custom Wireless Rack for (5) Wireless Receivers •(5) Reels Preloaded with 50' Sensor Cables
MS-G4-CAM	MicroSearch Camera	•(1) MicroSearch Camera for Recording Vehicles Being Processed through Inspection Point
MS-G4-WS	MicroSearch Wind Sensor	•(1) MicroSearch Wind Sensor to Confirm Adequate Weather Conditions for Testing
MS-G4-CTRL	Aluminum Control Box Module	•(1) Aluminum Control Box Module
MS-G4-CBLUSB	10-foot USB Cable	•(1) 10-foot USB Cable
MS-G4-CTRLPS	Control Box Module Power Supply	•(1) Control Box Module Power Supply
MS-G4-GND	Wired Aluminum Ground Sensor	•(1) Wired Aluminum Ground Sensor
MS-G4-VEH	Wired Aluminum Vehicle Sensor	•(1) Wired Aluminum Vehicle Sensor
MS-G4-GND-P	Wired Polycarbonate Ground Sensor	•(1) Wired Polycarbonate Ground Sensor
MS-G4-VEH-P	Wired Polycarbonate Vehicle Sensor	•(1) Wired Polycarbonate Vehicle Sensor
MS-G4-CBLSNS	50-foot Sensor Cable	•(1) 50-foot Sensor Cable
MS-G4-CBLREEL	Cable Reel with 50-foot Sensor Cable	•(1) Cable Reel with 50-foot Sensor Cable
MS-G4-PC-S	Panasonic Semi-Rugged Toughbook with MicroSearch G4.0 Software	•(1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G4.0 Software
MS-G4-PC-F	Panasonic Fully-Rugged Toughbook with MicroSearch G4.0 Software	•(1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G4.0 Software
MS-G4-PC-SR	Replacement Panasonic Semi-Rugged Toughbook with MicroSearch G4.0 Software	•(1) Replacement Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G4.0 Software (Replacement for Existing Computers)
MS-G4-PC-FR	Replacement Panasonic Fully-Rugged Toughbook with MicroSearch G4.0 Software	•(1) Replacement Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G4.0 Software (Replacement for Existing Computers)
MS-G4-GND-W	Wireless Ground Sensor (includes Wireless Receiver)	•(1) Wireless Ground Sensor (with Wireless Receiver)
MS-G4-VEH-W	Wireless Vehicle Sensor (includes Wireless Receiver)	•(1) Wireless Vehicle Sensor (with Wireless Receiver)
MS-G4-GND-W-NR	Wireless Ground Sensor (without wireless receiver)	•(1) Wireless Ground Sensor (without Wireless Receiver)

MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION
MS-G4-VEH-W-NR	Wireless Vehicle Sensor (without wireless receiver)	•(1) Wireless Vehicle Sensor (without Wireless Receiver)
MS-G4-REC	MicroSearch Wireless Receiver	•(1) MicroSearch Wireless Receiver
MS-G4-ANT-W	Antenna Cable	•(1) Antenna Cable
MS-G4-CBL-W	3-foot Wireless Sensor Cable	•(1) 3-foot Wireless Sensor Cable
MS-G5S-SEMI RUGGED PORTABLE	MicroSearch G5.0 Wired Standard Portable Semi-Rugged Touchscreen Computer with Standoff Vehicle Sensor (SVS) Configuration	•Software & (1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G5.0 Software •(1) MS Control Box •(1) Power Supply •(2) MS Standoff Vehicle Sensors to include Protective Sensor Enclosure •(1) MS Ground Sensor •(1) MS 50' Sensor Cable •(1) MS SVS Power and Data Cable •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired SVS Sensor •(1) MS 50' Sensor Cable
MS-G5S-FULLY RUGGED PORTABLE	MicroSearch G5.0 Wired Standard Portable Fully-Rugged Touchscreen Computer with Standoff Vehicle Sensor (SVS) Configuration	•Software & (1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G5.0 Software •(1) MS Control Box •(1) Power Supply •(2) MS Standoff Vehicle Sensors to include Protective Sensor Enclosure •(1) MS Ground Sensor •(1) MS 50' Sensor Cable •(1) MS SVS Power and Data Cable •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired SVS Sensor •(1) MS 50' Sensor Cable

MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION
MS-G5E-SEMI RUGGED PORTABLE	MicroSearch G5.0 Wired Enhanced Portable Semi-Rugged Touchscreen Computer with Standoff Vehicle Sensor (SVS) Configuration	•Software & (1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G5.0 Software •(1) MS Control Box •(1) Power Supply •(3) MS Ground Sensors •(2) MS SVS to include Protective Sensor Enclosure •(3) MS 50' Sensor Cables •(1) MS SVS Power and Data Cable •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired SVS Sensor •(1) MS 50' Sensor Cable
MS-G5E-FULLY RUGGED PORTABLE	MicroSearch G5.0 Wired Enhanced Portable Fully-Rugged Touchscreen Computer with Standoff Vehicle Sensor (SVS) Configuration	•Software & (1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G5.0 Software •(1) MS Control Box •(1) Power Supply •(3) MS Ground Sensors •(2) MS SVS to include Protective Sensor Enclosure •(3) MS 50' Sensor Cables •(1) MS SVS Power and Data Cable •(1) USB Cable •(1) User Manual •(1) Custom Transit Case Spares Provided Include: •(1) MS Wired Vehicle Sensor •(1) MS Wired SVS Sensor •(1) MS 50' Sensor Cable
MS-G5-CTRL	Aluminum Control Box Module	•(1) Aluminum Control Box Module
MS-G5-CTRL-P	Polycarbonate Control Box Module	•(1) Polycarbonate Control Box Module
MS-G5-CTRLPS	Control Box Module Power Supply	•(1) Control Box Module Power Supply and/or (1) Power and Data Cable
MS-G5-GND	Wired Aluminum Ground Sensor	•(1) Wired Aluminum Ground Sensor
MS-G5-SVSVEH	Standoff Vehicle Sensor Upgrade	•(2) Sensors •(2) Rubber Protective Speed Bump Enclosures •(1) Power and Data Cable •Remote Software Installation
MS-G5-PC-S	Panasonic Semi-Rugged Toughbook with MicroSearch G5.0 Software	•(1) Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G5.0 Software
MS-G5-PC-F	Panasonic Fully-Rugged Toughbook with MicroSearch G5.0 Software	•(1) Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G5.0 Software
MS-G5-PC-SR	Replacement Panasonic Semi-Rugged Toughbook with MicroSearch G5.0 Software	•(1) Replacement Portable Semi-Rugged Panasonic CF-55 Toughbook with Touchscreen and MicroSearch G5.0 Software (Replacement for Existing Computers)

MFR PART NO	PRODUCT NAME	PRODUCT DESCRIPTION
MS-G5-PC-FR	Replacement Panasonic Fully-Rugged Toughbook with MicroSearch G5.0 Software	•(1) Replacement Portable Fully-Rugged Panasonic CF-40 Toughbook with Touchscreen and MicroSearch G5.0 Software (Replacement for Existing Computers)
MS-G4-5-SS-W2	MicroSearch 2 Year Extended Warranty	MicroSearch Two Year Extended Warranty
MS-G4-5-SS-W3	MicroSearch 3 Year Extended Warranty	MicroSearch Three Year Extended Warranty

SIN/SIN(s)	Labor Category/Service Title	Labor Category/Service Description	Key Words (separated by commas, limit to five keywords. include these words in the description)
541330ENG	MicroSearch Training	One Day On Site Setup/Training (Up to 25 personnel) - does not include replacement parts	MicroSearch Training

Service Contract Labor Standards Matrix:

SCA/SCLS Matrix		
SCLS Eligible Contract Labor Category/Fixed Price Service	**SCLS Equivalent Code Title**	**WD Number**
Technician	30081 - Engineering Technician	2015-4281
Technical Writer/Editor/Administrative	30462 Technical Writer	2015-4281

The Service Contract Labor Standards, formerly the Service Contract Act (SCA), apply to this contract and it includes SCLS applicable labor categories. Labor categories and fixed price services marked with a (**) in this pricelist are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCLS/SCA matrix. The prices awarded are in line with the geographic scope of the contract (i.e., nationwide).