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American Science and Engineering, Inc.

GSA Federal Supply Schedule

GS-07F-8897D

Effective: August 1, 1996 to July 31, 2016

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through GSA *Advantage!*, a menu-driven database system. The INTERNET address for GSA *Advantage!* is <http://www.gsaadvantage.gov>

Schedule Title:	Schedule 084, Total Solutions for Law Enforcement, Security, Facility Management Systems, Fire, Rescue, Special Purpose Clothing, Marine Craft and Emergency/Disaster Response
FSC Group 84:	Law Enforcement and Security Equipment
Contract No.:	GS-07F-8897D
Contract Period:	August 1, 1996 - July 31, 2016
For more information on ordering from Federal Supply Schedules click on the GSA Schedules link at www.gsa.gov	
Contractor:	American Science and Engineering, Inc. 829 Middlesex Turnpike Billerica, MA 01821
Telephone:	(978) 262-8700 (800) 225-1608
Facsimile:	(978) 262-8812 www.as-e.com
Contractor's Administration Source:	Candi Demers, cdemers@as-e.com Susan Damiani, sdamiani@as-e.com
Business Size:	Small
Socioeconomic Indicators:	None
Customer Information:	
1a. TABLE OF AWARDED SPECIAL ITEM NUMBERS (SINs)	SIN(s): 426-4K Metal and Bomb Detection Equipment.
1b. Lowest Priced Model:	See Product Price lists.
2. Maximum Order:	\$850,000 per SIN/per order
*Ordering activities may request a price reduction at any time before placing an order, establishing a BPA, or in conjunction with the annual BPA review. However, the ordering activity shall seek a price reduction when the order or BPA exceeds the simplified acquisition threshold. Schedule contractors are not required to pass on to all schedule users a price reduction extended only to an individual ordering activity for a specific order or BPA.	
3. Minimum Order:	None
4. Geographic Coverage:	Domestic, 50 states, Washington, DC, Puerto Rico, US Territories and to a CONUS port or consolidation point for orders received from overseas activities or give details as negotiated.
5. Point of Production:	Billerica, Middlesex County, Massachusetts
6. Discount from List Prices:	GSA Net Prices are shown on the attached GSA Price List. Negotiated discount has been deducted and the IFF has been included.
7. Quantity Discounts:	See Product Pricing
8. Prompt Payment Terms:	Net 30 days.
9a. Government Purchase Cards Accepted At or Below Micro-Purchase Threshold.	
9b. Government Purchase Cards Accepted Above Micro-Purchase Threshold.	

10. Foreign Items:	None
11a. Time of Delivery:	Consult with Contractor.
11b. Expedited Delivery:	Consult with Contractor.
11c. Overnight and 2-Day Delivery:	Consult with Contractor.
11d. Urgent Requirements:	Consult with Contractor.
12. F.O.B. Point:	FOB Origin, prepaid, and add
13a. Ordering Address:	Same as contractor address.
13b. Ordering Procedures:	For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in FAR 8.405-3.
14. Payment Address:	<p><i>l)</i> American Science and Engineering Inc. 829 Middlesex Turnpike Billerica, MA 01821</p> <p><i>ll)</i> (Electronic) Silicon Valley Bank 3003 Tasman Drive Santa Clara, CA 95054 Routing No. 121140399 Acct. Title: American Science & Engineering Inc. Checking Acct. No. 3300397504</p>
15. Warranty Provisions:	Standard Commercial Warranty. Customers should contact the Contractor for a copy of the warranty.
16. Export Packing Charges:	Reimbursable at cost as applicable.
17. Terms and Conditions of Government Purchase Card Acceptance:	Accepted at or below and above the micro-purchase level.
18. Terms and Conditions of Rental, maintenance and Repair:	N/A
19. Terms and Conditions of Installation:	See Additional/General information following the GSA Price List.
20. Terms and Conditions of Repair Parts:	N/A
20a. Terms and Conditions for any Other Services:	N/A
21. List of Service and Distribution Points:	Contact AS&E for more detail.
22. List of participating Dealers:	N/A
23. Preventative Maintenance (PM):	See Additional/General information following the GSA Price List.
24a. Special Attributes such as Environmental Attributes (e.g. recycled content, energy efficiency, and/or reduced pollutants):	NONE
24b. Section 508 Compliance for EIT:	N/A
25. DUNS NO.:	00-176-7763
26. Notification regarding registration in System for Award Management (SAM):	Contractor is registered.

GSA Price List

AS&E Checkpoint Systems: *SIM*, *High Throughput SIM Systems*, *Smartcheck*™, and *Gemini*™

	Quantity	GSA Price
SmartCheck Inspection Module (SIM) - SIM-01		
Backscatter X-ray Remote Operator Station Laptop Windows XPe Side-by-side image display Reverse video Background enhance 2x-3x-4x Zoom Pan and scroll Brightness Contrast	1-10	\$221,086
Mark and annotate Environmentally Controlled Container Privacy Setting Algorithm	11-20	\$218,870
Audio Communication System Video Monitoring System Installation & Operator Training at Customer Site Year 1 Parts and Labor Warranty	21-30	\$216,653

	Quantity	GSA Price
SmartCheck Inspection Module High ThroughPut (SIM HT) - SIMHT-01		
Dual Backscatter and Tx X-ray Remote Operator Station Laptop Windows XPe Side-by-side image display Reverse video Background enhance 2x-3x-4x Zoom Pan and scroll Brightness Contrast	1-10	\$321,580
Mark and annotate Environmentally Controlled Container Privacy Setting Algorithm	11-20	\$318,356
Audio Communication System Video Monitoring System Installation & Operator Training at Customer Site Year 1 Parts and Labor Warranty	21-30	\$315,131

	Quantity	GSA Price
Smartcheck Parcel Systems (SmartCheck) - SC-01		
Single Backscatter X-ray 17" (43.18CM) monitor Keyboard and mouse Windows XPe Side-by-side image display Reverse video Background enhance 2x-3x-4x Zoom Pan and scroll Brightness Contrast Mark and annotate Installation & Operator Training at Customer Site Year 1 Parts & Labor Warranty	1-10	\$98,751
	11-20	\$97,753
	21-30	\$96,756

	Quantity	GSA Price
GEMINI 6040 Parcel & Baggage X-ray System - GEM-6040-S-2		
Includes two X-ray imaging sub-systems: 1. Dual-energy Transmission X-ray 2. Backscatter X-ray Penetration 35 mm steel (typical, transmission) Resolution 40 AWG (typical, transmission) Tunnel Width 25.0" (63.5 cm) Tunnel Height 17.25" (43.8 cm) Conveyor Capacity 300 lbs (136 kg) Operator Control Panel System controller with Windows operating system, DVD- RW (Internal), USB ports Advanced image analysis features Installation & Operator Training at Customer Site Year 1 Parts & Labor Warranty	1-10	\$48,777
	11-20	\$48,284
	21-30	\$47,791

	Quantity	GSA Price
GEMINI 7555 Parcel & Baggage X-ray System - GEM-7555-S-1		
Includes two X-ray imaging sub-systems: 1. Dual-energy Transmission X-ray 2. Backscatter X-ray Penetration: 35 mm steel (typical, transmission) Resolution 40 AWG (typical, transmission) Tunnel Width 30.7" (78 cm) Tunnel Height 22.8" (58 cm) Conveyor Capacity 352 lbs (160 kg) Operator Control Panel System controller with Windows operating system, DVD- RW (Internal), USB	1-10	\$59,191
	11-20	\$58,597
	21-30	\$58,004

ports Advanced image analysis features		
Installation & Operator Training at Customer Site Year 1 Parts & Labor Warranty		

	Quantity	GSA Price
GEMINI 100100 Large Parcel & Break-bulk Cargo X-ray System – GEM-100100-S-1		
Includes two X-ray imaging sub-systems: 1. Dual-energy Transmission X-ray 2. Backscatter X-ray Penetration 30 mm steel (typical, transmission) Resolution 40 AWG (typical, transmission) Tunnel Width 41.3" (105 cm) Tunnel Height 40.3" (102.5 cm) Conveyor Capacity 440 lbs (200 kg)	1-10	\$89,339
	11-20	\$88,443
Operator Control Panel System controller with Windows operating system, DVD- RW (Internal), USB ports Advanced image analysis features	21-30	\$87,547
Installation & Operator Training at Customer Site Year 1 Parts & Labor Warranty		

**AS&E Checkpoint Systems
Additional/General Information**

**INITIAL WARRANTY and YEAR TWO SERVICE CONTRACT
for the AS&E CHECKPOINT SYSTEMS**

PURPOSE:

The goal of AS&E is to provide all of our clients with a positive equipment ownership experience through continual and responsive support of our products. By constant communication and working closely with our clients, AS&E understand the needs and diverse requirements of our clients. Following is the support structure that AS&E provides.

AS&E will take full advantage of its established offices to provide maintenance and service. Please be advised that service personnel may be US Citizens or local, foreign national personnel. AS&E utilizes its existing relationships with its third party vendors to support equipment such as generators, air conditioners and vehicles, as applicable. Third party vendors as well as the Original Equipment Manufacturer are subjected to careful evaluation by AS&E and must contribute to the goals of our ISO 9000 quality program.

MAINTENANCE & REPAIR SERVICE PLAN:

This plan requires customer responsibility for weekly & monthly Preventative Maintenance checks, while AS&E is responsible for the following:

- All Annual Preventative Maintenance
- All parts (including the x-ray tube)

- Disposal of the x-ray tube
- All consumable parts
- 48 hour continental United States (CONUS) & 96 hour OCONUS response time
- All labor
- Emergency telephone support availability 7 days a week, 24 hours a day, 52 weeks a year.

Any contractor travel required in the performance of this contract and orders placed hereunder must comply with the Federal Travel Regulations (FTR) or Joint Travel Regulations (JTR), as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all contractor travel. Contractors cannot use GSA city pair contracts. The contractor shall not add the Industrial Funding Fee onto travel costs.

Preventative Maintenance

AS&E has developed a comprehensive Preventative Maintenance schedule for its Checkpoint Systems products. When followed rigorously, this Preventative Maintenance Schedule will maximize the system reliability and availability.

The operator/customer will be trained by AS&E to perform the daily, weekly and monthly Preventative Maintenance, consisting of visual inspections, cleaning of filters, and checks of the general condition of the equipment to ensure that the system is ready for operation. AS&E will perform all other Preventative Maintenance and supply the material, equipment, tools and parts to do so.

Repair Service

AS&E will supply all labor and parts (including the X-ray tube) to service and repair the system as required. This does not include damage to the system caused by the operational staff, a third party other than AS&E employees or AS&E's agents, or by weather and/or other acts of God. The repair of such damage will be billed separately using commercial rates.

Support will be available by telephone contact on a 24 hours per day, 365 days per year basis. A list of available telephone numbers for service inquiries will be provided by AS&E.

AS&E will have service personnel on site as soon as possible after receiving a service call, if the problem cannot be resolved over the phone. Response times may vary depending on location of the equipment within country.

AS&E Z Backscatter Van™

	Quantity	GSA Price
Z Backscatter Van (ZBV) R-Class with 4WD (US) Base System - Diesel (Ford Chassis or equivalent U.S. chassis) - ZBV-R-4WD-01_CONUS		
225 keV Backscatter X-ray Advanced Image Analysis Tools Image File Export and Archive ANSI N43.3 Compliant Operator Manual Low Usage Consumables Commissioning and Operator Training (for up to 6 students) at Customer Site 1-Year Parts Warranty	1-4	\$682,851
	5-9	\$665,344
	10-24	\$647,838
Z Backscatter Van (ZBV) R-Class with 4WD (Non-US) Base System - Ford F550 International Chassis - ZBV-R-4WD-01_OCONUS		
225 keV Backscatter X-ray Advanced Image Analysis Tools Image File Export and Archive ANSI N43.3 Compliant Operator Manual Low Usage Consumables Commissioning and Operator Training (for up to 6 students) at Customer Site 1-Year Parts Warranty <i>*This product can only be used in the following locations: (Non-US): Belize, Bolivia, Canada, Chile, Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru and Uruguay.</i>	1-4	\$698,571
	5-9	\$680,662
	10-24	\$662,752
Available Options:		
Stationary Scan Mode With Remote Operation and Scan Area Monitor (Includes Shore Power) - ZBV-R-SSM-REM-SAM	1-4	\$143,448
	5-9	\$139,770
	10-24	\$136,093
Stationary Scan Mode With Remote Operation (Includes Shore Power) - ZBV-R-SSM-REM	1-4	\$74,671
	5-9	\$72,757
	10-24	\$70,842
Harsh Environment Package (Hot & Cold) - ZBV-R-HARSH	1-4	\$39,301
	5-9	\$38,293
	10-24	\$37,286

	Quantity	GSA Price
Cold Environment Package - ZBV-R-COLD	1-4	\$24,563
	5-9	\$23,932
	10-24	\$23,304
Hot Environment Package - ZBV-R-HOT	1-4	\$24,563
	5-9	\$23,933
	10-24	\$23,304
ZBV High Altitude with Harsh Environment - ZBV-R-ALT-HARSH	1-4	\$54,039
	5-9	\$52,653
	10-24	\$51,268
Forwardscatter (Includes Trailer, Requires Purchase of 1 Stationary Scan Mode Option) - ZBV-R-FX_CONUS	1-4	\$98,252
	5-9	\$95,733
	10-24	\$93,214
Forwardscatter (Military) (Includes Trailer, Requires Purchase of 1 Stationary Scan Mode Option) - ZBV-R-FX-MIL_CONUS	1-4	\$98,252
	5-9	\$95,733
	10-24	\$93,214
Forwardscatter (Includes Trailer, Requires Purchase of 1 Stationary Scan Mode Option) - ZBV-R-FX_OCONUS	1-4	\$122,815
	5-9	\$119,666
	10-24	\$116,518
Forwardscatter (Military) (Includes Trailer, Requires Purchase of 1 Stationary Scan Mode Option) - ZBV-R-FX-MIL_OCONUS	1-4	\$122,815
	5-9	\$119,666
	10-24	\$116,518
ZBV Spanish Language Kit - ZBV-R-SPANISH	1-4	\$24,563
	5-9	\$23,933
	10-24	\$23,304
Spanish Language Lit w/Remote Operation - ZBV-R-SPANISH-REM	1-4	\$24,563
	5-9	\$23,933
	10-24	\$23,304

	Quantity	GSA Price
Z Backscatter Van (ZBV) C-Class with 4WD (Non-US) Base System - Diesel (Daimler-Chrysler or equivalent international chassis) – ZBV-C-4WD-01		
225 keV Backscatter X-ray Advanced Image Analysis Tools Image File Export and Archive ANSI N43.3 Compliant Operator Manual Low Usage Consumables Commissioning and Operator Training (for up to 6 students) at Customer Site 1-Year Parts Warranty	1-4	\$685,798
	5-9	\$668,216
	10-24	\$650,634
Available Options:		
Stationary Scan Mode (includes shore power) with Remote Operations and SAM - ZBV-C-SSM-REM-SAM	1-4	\$143,448
	5-9	\$139,770
	10-24	\$136,093
Harsh Environment Package (Hot & Cold) for system operation between -20°F (-29°C) and 122°F (50°C) - ZBV-C-HARSH	1-4	\$39,301
	5-9	\$38,293
	10-24	\$37,286
Cold Environment Package for system operation down to -20°F (-29°C) - ZBV-C-COLD	1-4	\$24,563
	5-9	\$23,933
	10-24	\$23,304
Hot Environment Package for system operation up to 122°F (50°C) - ZBV-C-HOT	1-4	\$24,563
	5-9	\$23,933
	10-24	\$23,304
High Altitude Gen with Harsh Environment - ZBV-C-ALT-HARSH	1-4	\$54,039
	5-9	\$52,653
	10-24	\$51,268
Forwardscatter (Includes Trailer, Requires Purchase of 1 Stationary Scan Mode Option) - ZBV-C-FX	1-4	\$122,814
	5-9	\$119,666
	10-24	\$116,518

	Quantity	GSA Price
Forwardscatter (Military) (Includes Trailer, Requires Purchase of 1 Stationary Scan Mode Option) - ZBV-C-FXMIL	1-4	\$122,814
	5-9	\$119,666
	10-24	\$116,518

Spanish Language Kit w/Remote Operation - ZBV-C-SPANISH-REM	1-4	\$24,563
	5-9	\$23,933
	10-24	\$23,304

AS&E Z Backscatter Van™ Services

	Quantity	GSA Price
Year one (1)		
Labor warranty for Year 1 (International only). Must be purchased with initial product purchase. (ZBV1stintlwob2b)	1-4	\$44,213
	5-9	\$43,760
	10-24	\$43,307

Labor warranty for Year 1 including Bumper to Bumper (International Only, Non-War Zone). Must be purchased with initial product purchase. (ZBV1stYrWtyB2B)	1-4	\$55,021
	5-9	\$54,457
	10-24	\$53,893

Bumper-to-Bumper Service Agreement Year 1 (International Only, Non War Zone). Must be purchased with initial product purchase. (ZBVB2BonlyNw)	1-4	\$20,992
	5-9	\$20,776
	10-24	\$20,561

	Quantity	GSA Price
Year two (2)		

Domestic Gold Service Agreement Year 2 (Non War Zone). Must be purchased with initial product purchase. (ZBV2ndYrSCw/oB2B)	1-4	\$62,881
	5-9	\$62,236
	10-24	\$61,592

Domestic Gold Service Agreement Year 2 including Bumper to Bumper. Must be purchased with initial product purchase. (ZBV2ndYrSC_CONUS)	1-4	\$61,899
	5-9	\$61,264
	10-24	\$60,630

International Gold Service Agreement Year 2 including Bumper to Bumper (Non-War Zone). Must be purchased with initial product purchase. (ZBV2ndYrSC_OCONUS)	1-4	\$75,654
	5-9	\$74,878
	10-24	\$74,102

	Quantity	GSA Price
Year three (3)		
Domestic Gold Service Agreement Year 3 including Bumper to Bumper. Must be purchased with initial product purchase. (ZBV3rdYrSC_CONUS)	1-4	\$64,065
	5-9	\$63,408
	10-24	\$62,751
International Gold Service Agreement Year 3 including Bumper to Bumper (Non-War Zone). Must be purchased with initial product purchase. (ZBV3rdYrSC_OCONUS)	1-4	\$78,302
	5-9	\$77,499
	10-24	\$76,696
Quantity		
GSA Price		
Year four (4)		
Domestic Gold Service Agreement Year 4 including Bumper to Bumper. Must be purchased with initial product purchase. (ZBV4thYrSC_CONUS)	1-4	\$66,320
	5-9	\$65,640
	10-24	\$64,960
International Gold Service Agreement Year 4 including Bumper to Bumper (Non-War Zone). Must be purchased with initial product purchase. (ZBV4thYrSC_OCONUS)	1-4	\$81,058
	5-9	\$80,227
	10-24	\$79,395
Quantity		
GSA Price		
Year five (5)		
Domestic Gold Service Agreement Year 5 including Bumper to Bumper. Must be purchased with initial product purchase. (ZBV5thYrSC_CONUS)	1-4	\$68,629
	5-9	\$67,925
	10-24	\$67,221
International Gold Service Agreement Year 5 including Bumper to Bumper (Non-War Zone). Must be purchased with initial product purchase. (ZBV5thYrSC_OCONUS)	1-4	\$83,878
	5-9	\$83,017
	10-24	\$82,157

	Quantity	GSA Price
Other:		
International Bumper to Bumper War Zone. Must be purchased with initial product purchase. (ZBVIntIB2BWZ)	1-4	\$14,075
	5-9	\$13,930
	10-24	\$13,786

Time & Materials CLIN War Zone. CLIN to be used for over and above repairs not covered under warranty or service agreement. Must be purchased with initial product purchase. (ZBVTMWZ)	1-4	\$8,410
	5-9	\$8,324
	10-24	\$8,238

AS&E Z Backscatter Van™ EXTENDED SERVICE PLANS

The Extended Service plans are available up to, but not exceeding sixth (6) years for the *AS&E Z Backscatter Van™* on the GSA contract:

	Quantity	GSA Price
Domestic Extended Service Agreement		
Domestic Extended Gold Service Agreement (Year 2 and 3). Must be purchased with initial product purchase or within the one (1) year warranty period. Prices available only one time during this timeframe. - ZBVEx2YrSP_CONUS	1-5	\$125,964
	6-10	\$124,672
	11-15	\$123,380
	16-20	\$122,089
	21-25	\$120,797
Domestic Extended Gold Service Agreement (Year 2, 3, and 4). Must be purchased with initial product purchase or within the one (1) year warranty period. Prices available only one time during this timeframe. - ZBVEx3YrSP_CONUS	1-5	\$192,284
	6-10	\$190,312
	11-15	\$188,340
	16-20	\$186,368
	21-25	\$184,397
Domestic Extended Gold Service Agreement (Year 2, 3, 4, and 5). Must be purchased with initial product purchase or within the one (1) year warranty period. Prices available only one time during this timeframe. - ZBVEx4YrSP_CONUS	1-5	\$260,913
	6-10	\$258,237
	11-15	\$255,562
	16-20	\$252,886
	21-25	\$250,210
Domestic Extended Gold Service Agreement (Year 2, 3, 4, 5, and 6). Must be purchased with initial product purchase or within the one (1) year warranty period. Prices available only one time during this timeframe. - ZBVEx5YrSP_CONUS	1-5	\$331,669
	6-10	\$328,268
	11-15	\$324,866
	16-20	\$321,465
	21-25	\$318,064

	Quantity	GSA Price
International Extended Service Agreement		
International Extended Gold Service Agreement (Year 2 and 3). Must be purchased with initial product purchase or within the one (1) year warranty period. Prices available only one time during this timeframe. - ZBVEx2YrSP_OCONUS	1-5	\$153,956
	6-10	\$152,377
	11-15	\$150,798
	16-20	\$149,219
	21-25	\$147,641
International Extended Gold Service Agreement (Year 2, 3, and 4). Must be purchased with initial product purchase or within the one (1) year warranty period. Prices available only one time during this timeframe. - ZBVEx3YrSP_OCONUS	1-5	\$234,999
	6-10	\$232,589
	11-15	\$230,179
	16-20	\$227,769
	21-25	\$225,359
International Extended Gold Service Agreement (Year 2, 3, 4, and 5). Must be purchased with initial product purchase or within the one (1) year warranty period. Prices available only one time during this timeframe. - ZBVEx4YrSP_OCONUS	1-5	\$318,877
	6-10	\$315,606
	11-15	\$312,336
	16-20	\$309,066
	21-25	\$305,796
International Extended Gold Service Agreement (Year 2, 3, 4, 5, and 6). Must be purchased with initial product purchase or within the one (1) year warranty period. Prices available only one time during this timeframe. - ZBVEx5YrSP_OCONUS	1-5	\$405,692
	6-10	\$401,532
	11-15	\$397,371
	16-20	\$393,211
	21-25	\$389,051

**AS&E Z Backscatter Van™
Additional/General Information**

**YEAR-ONE WARRANTY (CONUS or OCONUS when option purchased)
AND YEARS TWO THROUGH SIX SERVICE AGREEMENTS
for
Z BACKSCATTER VAN**

PURPOSE:

The goal of AS&E is to provide all of our clients with a positive equipment ownership experience through continual and responsive support of our products. By constant communication and working closely with our clients, AS&E understands the needs and diverse requirements of our clients. Following is the support structure that AS&E provides.

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MAINTENANCE & REPAIR SERVICE PLAN:

This plan requires customer responsibility for weekly & monthly Preventative Maintenance checks, while AS&E is responsible for the following:

- All Annual Preventative Maintenance
- All parts (including the X-ray tube)
- Disposal of the X-ray tube
- All consumable X-ray system parts
- 48 hour continental United States (CONUS) & 96 hour OCONUS response time
- All labor
- Emergency telephone support availability 7 days a week, 24 hours a day, 52 weeks a year.

Any contractor travel required in the performance of this contract and orders placed hereunder must comply with the Federal Travel Regulations (FTR) or Joint Travel Regulations (JTR), as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all contractor travel. Contractors cannot use GSA city pair contracts. The contractor shall not add the Industrial Funding Fee onto travel costs.

Preventative Maintenance:

AS&E has developed a comprehensive Preventative Maintenance schedule for its Z Backscatter Van product. When followed rigorously, this Preventative Maintenance Schedule will maximize the system reliability and availability.

The operator/customer will be trained by AS&E to perform the daily, weekly and monthly Preventative Maintenance, consisting of visual inspections, cleaning of filters, and checks of the general condition of the equipment to ensure that the system is ready for operation. AS&E will perform all other Preventative Maintenance and supply the material, equipment, tools and parts to do so.

Repair Service:

AS&E will supply all labor and parts (including the X-ray tube) to service and repair the system as required. This does not include damage to the system caused by the operational staff, a third party other than AS&E employees or AS&E's agents, or by weather and/or other acts of God. The repair of such damage will be billed separately using commercial rates.

Support will be available by telephone contact on a 24 hours per day, 365 days per year basis. A list of available telephone numbers for service inquiries will be provided by AS&E.

AS&E will have service personnel on site as soon as possible after receiving a service call, if the problem cannot be resolved over the phone. Response times may vary depending on location of the equipment within country.

Year One Labor Warranty coverage:

Year One Labor Warranty coverage applies to international cases only and in effect is designed to complement the "parts only" standard international warranty by providing Customer with a Warranty that covers labor as well as parts. Also for international cases only, under both the Year One Warranty (including both standard Warranty and purchase of additional Year One Labor warranty) and Year Two Service Agreement offerings, travel expenses are additive to the fixed price, and reimbursable by the ordering agency based on the travel and per diem rates according to the Travel Expenses language as set forth above.

Extended Service Plans:

Extended Service Plans are only available for products that have had no interruption of warranty service /extended warranty and are offered as follows:

- 1.) At the time of initial product purchase, an extended service warranty maintenance program may be selected off of the GSA Schedule.
- 2.) If buyer chooses not to purchase extended service warranty at time of initial purchase, the buyer has up to one (1) year from warranty commencement date to purchase these services off of the GSA schedule, if services are not purchased within that one (1) year time frame, extended service warranty plans can be purchased at AS&E standard commercial prices.
- 3.) All extended service warranty maintenance programs purchased off the GSA schedule either at time of initial purchase or prior to the expiration of the standard one (1) year warranty are offered/available one time only.

Note: AS&E will not offer these prices outside of the criteria stated above.

AS&E ZBV Military Trailer™

ZBV Military Trailer - ZBV-MIL-TRAILER-01	Quantity	GSA Price
Imaging Shelter Module, Ruggedized Generator M1095 Military Standard Trailer Platform M116A3 Ruggedized Forwardscatter Trailer System Ruggedization EMI Mitigation (Emitted and Conducted) Shore Power Conditioning (220-240 V +- 10%, 50/60 Hz) Portal, Drive By Scan Modes Single Backscatter X-Ray 225 keV X-Ray Tube 14.1" LCD Mil Std Laptop Display Windows XP Professional Operating System Image Analysis - Auto Enhance - Color Palettes - Density Expand - Forwardscatter/Backscatter Split Image - Forwardscatter Only Image/Backscatter Only Image - High Contrast - Historical Compare - Mark and Annotate - Pan and Scroll - Region of Interest - Reverse Video - Sharpen - Zoom 2x, 3x, 4x Image Capture - Export TIF or JPG - Image Database - Quick Save - Full Save - Suspect Save - Archive 3 Scan Speeds Operating Temp -20 to 122 Degrees F (-29 to 60 degrees C) Two Operator Manuals Installation and Operator Training at Customer Site Year 1 Parts Warranty	1-4	\$1,290,176
	5-15	\$1,239,093
	16-49	\$1,208,967
	50+	\$1,165,743

**AS&E ZBV Military Trailer™
Additional/General Information**

**YEAR-ONE WARRANTY (CONUS or OCONUS when option purchased)
AND YEAR TWO SERVICE AGREEMENT
for
ZBV MILITARY TRAILER**

PURPOSE:

The goal of AS&E is to provide all of our clients with a positive equipment ownership experience through continual and responsive support of our products. By constant communication and working closely with our clients, AS&E understands the needs and diverse requirements of our clients. Following is the support structure that AS&E provides.

AS&E will take full advantage of its established officers to provide maintenance and service. Please be advised that service personnel may be US Citizens or local, foreign national personnel. AS&E utilizes its existing relationships with its third party vendors to support equipment such as generators, air conditioners and vehicles, as applicable. Third party vendors as well as the Original Equipment Manufacturer are subjected to careful evaluation by AS&E and must contribute to the goals of our ISO 9000 quality program.

MAINTENANCE & REPAIR SERVICE PLAN:

This plan requires customer responsibility for weekly & monthly Preventative Maintenance checks, while AS&E is responsible for the following:

- All Annual Preventative Maintenance
- All parts (including the x-ray tube)
- Disposal of the x-ray tube
- All consumable x-ray system parts
- 48 hour continental United States (CONUS) & 96 hour OCONUS response time
- All labor
- Emergency telephone support availability 7 days a week, 24 hours a day, 52 weeks a year.

Any contractor travel required in the performance of this contract and orders placed hereunder must comply with the Federal Travel Regulations (FTR) or Joint Travel Regulations (JTR), as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all contractor travel. Contractors cannot use GSA city pair contracts. The contractor shall not add the Industrial Funding Fee onto travel costs.

Preventative Maintenance

AS&E has developed a comprehensive Preventative Maintenance schedule for its ZBV Military Trailer product. When followed rigorously, this Preventative Maintenance Schedule will maximize the system reliability and availability.

The operator/customer will be trained by AS&E to perform the daily, weekly and monthly Preventative Maintenance, consisting of visual inspections, cleaning of filters, and checks of the general condition of the equipment to ensure that the system is ready for operation. AS&E will perform all other Preventative Maintenance and supply the material, equipment, tools and parts to do so.

Year One Labor Warranty coverage:

Year One Labor Warranty coverage applies to international cases only and in effect is designed to complement the "parts only" standard international warranty by providing customer with a warranty that covers labor as well as parts. Also for international cases only, under both the Year One Warranty and Year Two Service Agreement

offerings, travel expenses are additive to the fixed price, and reimbursable by the ordering agency based on the travel and per diem rates according to the Travel Expenses language as set forth below.

Repair Service

AS&E will supply all labor and parts (including the X-ray tube) to service and repair the system as required. This does not include damage to the system caused by the operational staff, a third party other than AS&E employees or AS&E's agents, or by weather and/or other acts of God. The repair of such damage will be billed separately using commercial rates.

Support will be available by telephone contact on a 24 hours per day, 365 days per year basis. A list of available telephone numbers for service inquiries will be provided by AS&E.

AS&E will have service personnel on site as soon as possible after receiving a service call, if the problem cannot be resolved over the phone. Response times may vary depending on location of the equipment within country.

AS&E Z-Portal™ Systems

	Quantity	GSA Price
Z-Portal – Truck (Domestic)		
Z-Portal System - 2-sided Truck - Domestic. Portal System includes installation, does not include shipping. - ZPTL-TRK-2BX_CONUS		
2 Sided ForwardScatter From Left and Right Sides 225 keV X-ray Source Advanced Image Analysis Tools Image File Export and Archive ANSI N43.17 Compliant Color Laser Printer CCTV System with Computer and Monitor Operator Manual Installation and Operator Training at Customer Site 1-Year Parts and Labor Warranty	1-10	\$1,214,458
	11-20	\$1,200,940
	21-30	\$1,187,422
Z-Portal System - 3-sided Truck – Domestic. Portal System includes installation, does not include shipping. - ZPTL-TRK-3BX_CONUS		
3 Sided Backscatter X-ray from Left, Right and Top Down 2 Sided ForwardScatter from Left and Right Sides 225 keV X-ray Source Advanced Image Analysis Tools Image File Export and Archive ANSI N43.17 Compliant Color Laser Printer CCTV System with Computer and Monitor Operator Manual Installation and Operator Training at Customer Site 1-Year Parts and Labor Warranty	1-10	\$1,703,284
	11-20	\$1,684,148
	21-30	\$1,665,012

	Quantity	GSA Price
Z-Portal – Truck (International)		
Z-Portal System - 2-sided Truck - International. Portal System includes installation, does not include shipping. ZPTL-TRK-2BX_OCONUS		
2 Sided ForwardScatter From Left and Right Sides 225 keV X-ray Source Advanced Image Analysis Tools Image File Export and Archive ANSI N43.17 Compliant Color Laser Printer CCTV System with Computer and Monitor Operator Manual Installation and Operator Training at Customer Site 1-Year Parts and Labor Warranty	1-10	\$1,309,626
	11-20	\$1,294,913
	21-30	\$1,280,200
Z-Portal System - 3-sided Truck – International. Portal System includes installation, does not include shipping. - ZPTL-TRK-3BX_OCONUS		
3 Sided Backscatter X-ray from Left, Right and Top Down 2 Sided ForwardScatter from Left and Right Sides 225 keV X-ray Source Advanced Image Analysis Tools Image File Export and Archive ANSI N43.17 Compliant Color Laser Printer CCTV System with Computer and Monitor Operator Manual Installation and Operator Training at Customer Site 1-Year Parts and Labor Warranty	1-10	\$1,803,675
	11-20	\$1,783,412
	21-30	\$1,763,148
	Quantity	GSA Price
Z-Portal – Car (Domestic)		
Z-Portal System - 2-sided Car – Domestic. Portal System includes installation, does not include shipping. - ZPTL-CAR-2BX_CONUS		
2 Sided Backscatter X-ray from Left and Right Sides 2 Sided ForwardScatter From Left and Right Sides 225 keV X-ray Source Advanced Image Analysis Tools Image File Export and Archive ANSI N43.17 Compliant Color Laser Printer CCTV System with Computer and Monitor Operator Manual Installation and Operator Training at Customer Site 1-Year Parts and Labor Warranty	1-10	\$1,217,984
	11-20	\$1,204,427
	21-30	\$1,190,870
Z-Portal System - 3-sided Car – Domestic. Portal System includes installation, does not include shipping. - ZPTL-CAR-3BX_CONUS		
3 Sided Backscatter X-ray from Left, Right and Top Down 2 Sided ForwardScatter from Left and Right Sides 225 keV X-ray Source Advanced Image Analysis Tools Image File Export and Archive ANSI N43.17 Compliant Color Laser Printer	1-10	\$1,615,310
	11-20	\$1,597,181

CCTV System with Computer and Monitor Operator Manual Installation and Operator Training at Customer Site 1-Year Parts and Labor Warranty	21-30	\$1,579,033
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	Quantity	GSA Price
Z-Portal – Car (International)		
Z-Portal System - 2-sided Car – International. Portal System includes installation, does not include shipping. - ZPTL-CAR-2BX_OCONUS		
2 Sided Backscatter X-ray from Left and Right Sides 2 Sided ForwardScatter From Left and Right Sides 225 keV X-ray Source Advanced Image Analysis Tools Image File Export and Archive ANSI N43.17 Compliant Color Laser Printer CCTV System with Computer and Monitor Operator Manual Installation and Operator Training at Customer Site 1-Year Parts and Labor Warranty	1-10	\$1,300,020
	11-20	\$1,285,414
	21-30	\$1,270,809

Z-Portal System - 3-sided Car – International. Portal System includes installation, does not include shipping. - ZPTL-CAR-3BX_OCONUS		
3 Sided Backscatter X-ray from Left, Right and Top Down 2 Sided ForwardScatter from Left and Right Sides 225 keV X-ray Source Advanced Image Analysis Tools Image File Export and Archive ANSI N43.17 Compliant Color Laser Printer CCTV System with Computer and Monitor Operator Manual Installation and Operator Training at Customer Site 1-Year Parts and Labor Warranty	1-10	\$1,715,420
	11-20	\$1,696,148
	21-30	\$1,676,876

**AS&E Z-Portal Systems
Additional/General Information**

AS&E System Set-Up for Z-Portal™ Systems is defined as:

<p><i>Program Management</i></p> <ul style="list-style-type: none"> • Travel to site for site surveys • Define roles and responsibilities • Manage schedules • Coordinate customer organizations (National, regional, local) • Support information requests (RSO, permitting, legal) 	<p><i>A&E Support</i></p> <ul style="list-style-type: none"> • Work with A&E firm to teach them how to use our site drawing • Review and redline drawing iterations • Coordinate submittal of as-builts
<p><i>Construction Support</i></p> <ul style="list-style-type: none"> • Education on ZPL construction processes 	<p><i>System Assembly</i></p> <ul style="list-style-type: none"> • Travel and lodging

<ul style="list-style-type: none"> • Travel to site for milestone inspections • RFI responses & addressing real-time issues 	<ul style="list-style-type: none"> • Coordinate shipment with rigging • Hire local crane/man-lift/assembly staff • Erection of the system • Point to Point wiring • System startup • Debug • Acceptance • Punch-list closeout
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Not Included in AS&E System Set-Up

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| <ul style="list-style-type: none"> • Badges, permitting, and reports • Operator housing • System and operator housing power • Geotechnical and Topographical surveys • Civil design • Construction |
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**INITIAL WARRANTY and YEAR TWO SERVICE CONTRACT
for the
Z-Portal System**

PURPOSE:

The goal of AS&E is to provide all of our clients with a positive equipment ownership experience through continual and responsive support of our products. By constant communication and working closely with our clients, AS&E understands the needs and diverse requirements of our clients. Following is the support structure that AS&E provides.

AS&E will take full advantage of its established service offices and providers to perform maintenance and service. Please be advised that service personnel maybe be US Citizens or local, foreign national personnel. AS&E utilizes its existing relationships with its third party vendors to support equipment such as generators, air conditioners, etc. as applicable. Third party vendors as well as the Original Equipment Manufacturer are subjected to careful evaluation by AS&E and must contribute to the goals of our ISO 9001 quality program.

MAINTENANCE & REPAIR SERVICE PLAN:

Under this plan the customer is responsible for weekly, monthly and quarterly Preventative Maintenance checks (AS&E will train the client to perform these checks as part of the Operator Training Course), while AS&E is responsible for the following:

- All Semi-Annual and Annual Preventative Maintenance
- All parts (including the X-ray tube)
- Disposal of the X-ray tube
- All consumable X-ray system parts

- 24 hour continental United States (CONUS) & 72 hour OCONUS response time
- All labor
- Emergency telephone support availability 7 days a week, 24 hours a day, 52 weeks a year.

Any contractor travel required in the performance of this contract and orders placed hereunder must comply with the Federal Travel Regulations (FTR) or Joint Travel Regulations (JTR), as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all contractor travel. Contractors cannot use GSA city pair contracts. The contractor shall not add the Industrial Funding Fee onto travel costs.

Preventative Maintenance

AS&E has developed a comprehensive Preventative Maintenance schedule for its Z Portal System. When followed rigorously, this Preventative Maintenance Schedule will maximize the system reliability and availability.

The operator/customer will be trained by AS&E to perform the weekly, monthly and quarterly Preventative Maintenance, consisting of visual inspections, cleaning of filters, and checks of the general condition of the equipment to ensure that the system is ready for operation. AS&E will perform all other Preventative Maintenance and supply the material, equipment, tools and parts to do so.

Repair Service

AS&E will supply all labor and parts (including the X-ray tube) to service and repair the system as required. This does not include damage to the system caused by the operational staff, a third party other than AS&E employees or AS&E's agents, or by weather and/or other acts of God. The repair of such damage will be billed separately using commercial rates.

Support will be available by telephone 24 hours per day, 365 days per year. A list of available telephone numbers for service inquiries will be provided by AS&E.

AS&E will have service personnel on site as soon as possible after receiving a service call, if the problem cannot be resolved over the phone. Response times may vary depending on location of the equipment within country.