

<b>SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS</b> OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30				1. REQUISITION NUMBER		PAGE 1 OF	
2. CONTRACT NO. GS-07F-0349K/DAAB15-01-A-1018		3. AWARD/EFFECTIVE DATE		4. ORDER NUMBER		5. SOLICITATION NUMBER DAAB15-01-T-0005	
7. FOR SOLICITATION INFORMATION CALL: <b>Ms. Jan Pennington</b>				b. TELEPHONE NUMBER (No collect calls) (703) 325-6094		6. SOLICITATION ISSUE DATE	
9. ISSUED BY USA CECOM Acquisition Center - Washington (CAC-W) ATTN: AMSEL-AC-WA-A (Jan Pennington) Hoffman Building 1, Room 284 2461 Eisenhower Avenue Alexandria, Virginia 22331-0700				10. THIS ACQUISITION IS <input checked="" type="checkbox"/> UNRESTRICTED <input type="checkbox"/> SET ASIDE: % FOR <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> SMALL DISADV. BUSINESS <input type="checkbox"/> 8(A) SIC: SIZE STANDARD:		11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input checked="" type="checkbox"/> SEE SCHEDULE <input type="checkbox"/> 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)	
18. DELIVER TO IN ACCORDANCE WITH INDIVIDUAL TASK/DELIVERY ORDERS				18. ADMINISTERED BY DCMA Chicago P.O. Box 66911 Chicago, IL 60666-0911		12. DISCOUNT TERMS	
17a. CONTRACTOR/ OFFEROR King-Fisher Company 2350 S. Foster Avenue Wheeling, IL 60090-6574 TELEPHONE NO. (847) 398-7100		CODE 1X974 FACILITY CODE		18a. PAYMENT WILL BE MADE BY DFAS-Columbus Center DFAS-CO/West Entitlement Operations P.O. Box 182381 Columbus, OH 43218-2381		CODE HQ0339	
<input type="checkbox"/> 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER				18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM			
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES			21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
(Attach Additional Sheets as Necessary)							25. ACCOUNTING AND APPROPRIATION DATA
26. TOTAL AWARD AMOUNT (For Govt. Use Only)							
27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4, FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED.							
27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4, FAR 52.212-5 IS ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED.							
28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN <u>2</u> COPIES TO ISSUING OFFICE, CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.				29. AWARD OF CONTRACT: REFERENCE <input type="checkbox"/> OFFER DATED _____, YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS.			
30a. SIGNATURE OF OFFEROR/CONTRACTOR 				31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER) 			
30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT) Carl J. King, President		30c. DATE SIGNED 8/13/01		31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT) MARY J. BYRD CONTRACTING OFFICER		31c. DATE SIGNED 8/13/01	
32a. QUANTITY IN COLUMN 21 HAS BEEN <input type="checkbox"/> RECEIVED <input type="checkbox"/> INSPECTED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED				33. SHIP NUMBER <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		34. VOUCHER NUMBER	
32b. SIGNATURE OF AUTHORIZED GOVT. REPRESENTATIVE				32c. DATE		35. AMOUNT VERIFIED CORRECT FOR	
41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT				38. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		37. CHECK NUMBER	
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER				41c. DATE		38. S/R ACCOUNT NUMBER	
				42a. RECEIVED BY (Print)		39. S/R VOUCHER NUMBER	
				42b. RECEIVED AT (Location)		40. PAID BY	
				42c. DATE REC'D (YY/MM/DD)		42d. TOTAL CONTAINERS	



VALERIE  
<valerie@kfco.com>  
07/18/01 05:43 PM

To: Jan.Pennington@cacw.army.mil  
cc:  
Subject: BPA (RFQ DAAB15-01-T-0005)

Hello Jan,

I spoke to Mr. King this afternoon. He confirmed that we will provide the 24-month warranty. Additionally, he says that we have previously had secret clearance, however, our current status is "dormant". He feels that we can re-obtain this classification with your sponsorship.

I also made Mr. King aware of the the planned meeting on August 13.

Let me know if you have any additional questions!

Valerie



**KING-FISHER Company** 2350 FOSTER AVENUE - WHEELING, ILLINOIS 60090-6574

To: [Mary.Byrd@cacw.army.mil](mailto:Mary.Byrd@cacw.army.mil)  
[Jan.Pennington@cacw.army.mil](mailto:Jan.Pennington@cacw.army.mil)  
[mbonheim@belvoir.army.mil](mailto:mbonheim@belvoir.army.mil)  
[jedwards@belvoir.army.mil](mailto:jedwards@belvoir.army.mil)  
[tendler@belvoir.army.mil](mailto:tendler@belvoir.army.mil)

**Re:** Request for Quotation (RFQ) DAAB15-01-T-0005  
Physical Security Equipment Products and Services  
Blanket Purchase Agreement (BPA)

Please find herein our proposal, per the above-referenced RFQ, and in accordance with Paragraph 7 of your 18May2001 cover letter.

Content and Duration

a. **Team Leader:** King-Fisher Company  
2350 Foster Ave.  
Wheeling IL 60090  
(847)398-7100  
(847)255-1507- fax  
[cking@kfco.com](mailto:cking@kfco.com) (e-mail)

**Current GSA FSS Contract:** FSC Group: 63 Part I  
FSC Classes: 6350 and 6685  
Contract Number: GS-07F-0349K  
Contract Period:  
07/01/2000 through 06/30/2005

**Team Member:** MSC Specialty Films, Inc.  
13770 Automobile Blvd.  
Clearwater FL 33762  
(800)282-9031  
(727)540-0413- fax  
[nrouth@matsci.com](mailto:nrouth@matsci.com)

**Current GSA FSS Contract:** FSC Group: 56 Part IV Section A  
FSC Class: 56  
Contract Number: GS-07F-0187L  
Contract Period:  
05/01/2001 through 04/30/2006



**KING-FISHER Company** 2350 FOSTER AVENUE - WHEELING, ILLINOIS 60090-6574

**b. GSA Schedule Discounts:**

King-Fisher Company:

CONUS- 5% discount for orders between \$100. and \$199,999.  
Additional 5% discount for orders between \$200,000. and \$500,000.

OCONUS- 5% discount for orders between \$100. and \$199,999.  
Additional 5% discount for orders between \$200,000. and \$500,000.

MSC Specialty Films, Inc.:

CONUS- 3% discount for orders between \$100. and \$500,000.

OCONUS- 3% discount for orders between \$100. and \$500,000.

**c. Listing of Task/Delivery Orders:**

See Attachment "A"

**d. Identification of Products/Services Offered:**

-Interior and Exterior Intrusion Detection. Command and control units or systems, monitors, sensors/detectors, annunciators, and related power and communications interfaces.

-Personnel Warning/Alert. Sirens, speakers, annunciators, visual displays, encoder/activation control.

-Blast Mitigation. Construction or hardening materials, laminates or coverings, containers, or other materials or devices to mitigate the blast or thermal effects of an explosion.

-Design

-Functional/Technical/Physical Site Surveys

-Installation

-Integration

-Test and Evaluation

-System Acceptance, Reliability Testing, Quality Assurance



**KING-FISHER Company** 2350 FOSTER AVENUE - WHEELING, ILLINOIS 60090-6574

-Training

-Cost Estimating

**GSA FSS Rates:**

See Attachment "B" and Attachment "C"

**Discounted BPA Rates:**

King-Fisher Company:

CONUS- 5% discount for orders between \$100. and \$199,999.  
Additional 5% discount for orders between \$200,000. and \$500,000.

OCONUS- 5% discount for orders between \$100. and \$199,999.  
Additional 5% discount for orders between \$200,000. and \$500,000.

MSC Specialty Films:

CONUS- 3% discount for orders between \$100. and \$500,000.

OCONUS- 3% discount for orders between \$100. and \$500,000.

e. N/A

**CECOM ACQUISITION CENTER - WASHINGTON (CAC-W)  
PRODUCT MANAGER, PHYSICAL SECURITY EQUIPMENT  
AND RELATED SERVICES  
BLANKET PURCHASE AGREEMENT  
RFQ DAAB15-01-T-0005**

The U.S. Army Communications-Electronics Command Acquisition Center - Washington (CAC-W) hereby enters into a Blanket Purchase Agreement (BPA) on behalf of the Product Manager, Physical Security Equipment (PM-PSE) with (Team Leader) to provide ***products and services*** to support interior and exterior intrusion detection; access and entry control; badging; closed circuit television; security lighting; barriers, including fencing; personnel warning/alert; tactical warning and alarm; explosive and contraband detection; blast mitigation; asset protection and security; locks, locking devices and key control; and related security risk mitigation projects as they are assigned.

This agreement is under the terms and conditions of the (Team Leader) GSA Federal Supply Schedule Contract (Contract Number) and Team Member(s) GSA Federal Supply Schedule Contract (Contract Number), and the following BPA terms and conditions:

ADMINISTRATIVE DATA

Primary Point of Contact:

Contractor POC: **Carl J. King**

Title: **President**

Email Address: **sales@kfco.com**

Company Address 1st Line: **2350 Foster Ave.**

Company Address 2nd Line: **Wheeling IL**

Company Address 3rd Line: **60090**

POC Telephone Number: **847-398-7100**

POC Facsimile Number: **847-255-1507**

Alternate Point of Contact:

Contractor POC: **Valerie Bowers**

Title: **Customer Service Representative**

Email Address: **valerie@kfco.com**

Company Address 1st Line: **2350 Foster Ave.**

Company Address 2nd Line: **Wheeling IL**

Company Address 3rd Line: **60090**

POC Telephone Number: **847-398-7100**

POC Facsimile Number: **847-255-1507**

1. Please specify the SIC Code to which you are a Small Business: **3669**

2. Are you a Small Business Administration (SBA) certified Small Disadvantaged Business (SDB)?

**NO**

3. Are you a Woman-Owned Business?

**NO**

4. CAGE Code: **1X974**

5. DUNS Number: **054330972**

6. TIN: **36-2606668**

Cognizant DCMA Office (Include Complete US Postal and Email Addresses):

DCMA POC: **Kathy Priester**

DCNLA First Line Address: **O'Hare International Airport**

DCMA Attention Line: Attn: **DCMDW-GCO**

DCMA Third Line Address: **P.O. Box 66911**

DCMA Fourth Line Address: **Chicago IL 60666-0911**

DCMA POC Telephone Number: **773-825-4532**

DCMA POC Facsimile Number: **773-825-4561**

DCMA POC Email Address: **kpriester@dcmdw.dcma.mil**

Cognizant DFAS Office (Include Complete US Postal and Email Addresses):

DFAS POC: **to be determined upon issuance of specific contract**

DFAS First Line Address: **DFAS- Columbus Center**

DFAS Attention Line: **DFAS-CO/West Entitlement Operations**

DFAS Third Line Address: **P.O. Box 182381**

DFAS Fourth Line Address: **Columbus OH 43218-2381**

DFAS POC Telephone Number: **800-756-4571**

DFAS POC Facsimile Number: **to be determined upon issuance of specific contract**

DFAS POC Email Address: **to be determined upon issuance of specific contract**

## **1.0 AUTHORIZED BPA USERS**

1. 1 Pursuant to Federal Acquisition Regulation (FAR) Subpart 8.4, this BPA is established in order to provide support to the Product Manager, Physical Security Equipment (PM-PSE) and Major Army Commands (MACOMs) that include Army Materiel Command (AMC), U.S. Army Reserve (USAR), Criminal Investigation Division Command (CIDC), Eighth U.S. Army (EUSA), Forces Command (FORSCOM),

Medical Command (MEDCOM), Military District of Washington (MDW), National Guard Bureau (NGB), Training and Doctrine Command (TRADOC), U.S. Army Pacific (USARPAC), U.S. Army Europe (USARELTR), Military Traffic and Management Command (MTMC), Corps of Engineers (COE), Intelligence and Security Command (INSCOM), Special Operations Command (SOCOM), U.S. Army South (USASO), and Army Space and Missile Defense Command (ASMDC); Major Subordinate Commands (MSC), and installations; DoD commands and agencies; and other DoD Services.

1.2 All orders will be authorized by the Product Manager, Physical Security Equipment (PM, PSE) prior to issuance.

## **2.0 TERM OF BPA**

The term of this BPA is forty-eight (48) months. However, if the underlying GSA FSS contract expires or is terminated prior to expiration of the BPA, the BPA shall be deemed to be terminated or to have expired, except that any outstanding Task/Delivery Orders shall be performed up to their completion dates to the extent permitted by the underlying contract. In addition, the BPA may be terminated during the forty-eight (48) month term by either the Government or the BPA holder.

## **3.0 ORDERING**

Ordering will be decentralized. The Task/Delivery Order Contracting Officer will be responsible for ensuring compliance with any applicable laws, regulations, or policies that may apply to a particular order. The ordering period for all items and services under this BPA is the same as the duration of the BPA set forth in paragraph 2.0 above.

## **4.0 PREVAILING TERMS AND CONDITIONS**

All orders placed against this BPA are subject to the terms and conditions of the GSA FSS contracts. The terms and conditions included in this BPA apply to all orders issued pursuant to it. In the event of an inconsistency between the provisions of the BPA and the GSA FSS contract, the provisions of the GSA FSS contract will take precedence.

## **5.0 OBLIGATION OF FUNDS**

This BPA does not obligate any funds. The Government is obligated only to the extent of authorized orders issued under this BPA.

**6.0 ESTIMATED VOLUME**

The Government estimates, but does not guarantee, that the dollar value of orders issued through this BPA will be approximately \$12 Million per year, cumulative among all BPA holders, for a period of forty-eight (48) months. There is no minimum quantity of products or services required to be ordered under this BPA. Further, the Government may satisfy any of the requirements of this BPA through means other than this BPA.

**7.0 PRODUCTS AND SERVICES AVAILABLE UNDER THIS BPA**

7.1 Products and services set forth in (Team Leader's GSA FSS Contract (Contract Number and (Team Member's) GSA FSS Contract (Contract Number)) are provided by this BPA. Attachment A (provided by the BPA holder) contains a listing of all products and services provided by the BPA. Attachment A contains the FSS contractor's name, F S S contract number, F S S ordering number, name and description of the product and Service available under this BPA with accompanying BPA discounted rates. Unless otherwise specified, pricing discounts shall be applicable to all years currently covered under the applicable FSS contract.

BPA TEAM LEADER NAME: **King-Fisher Company**

GSA Federal Supply Schedule Contract Number(s): **GS-07F-0349K**

TAX IDENTIFICATION NUMBER: **36-2606668**

REMIT TO ADDRESS: **2350 Foster Ave., Wheeling IL 60090**

CAGE CODE: **1X974**

DUNS NO: **054330972**

GSA FSS Item No.	Description	Model No/ Labor Category	Qty	Unit	GSA Price	BPA discounted rate Includes 1%" GSA Fee
<b><u>ALL</u></b>						5%(up to\$199,999.) Additional 5% (\$200,000.-\$500,000)

\*State "All" or identify schedule section or specific item number from schedule

BPA TEAM MEMBER(S) NAME: MSC Specialty Films, Inc.

GSA Federal Supply Schedule Contract Number(s) GS-07F-0187L

TAX IDENTIFICATION NUMBER:

REMIT TO ADDRESS: 13770 Automobile Blvd., Clearwater FL 33762

CAGE CODE:

DUNS NO: 087578472

GSA FSS Item No.	Description	Model No/ Labor Category	Qty	Unit	GSA Price	BPA discounted rate Includes 1%" GSA Fee
<u>ALL</u>						3% (\$100.-500,000.)

\*State "All" or identify schedule section or specific item number from schedule

BPA TEAM MEMBER(S) NAME: N/A

GSA Federal Supply Schedule Contract Number(s)

TAX IDENTIFICATION NUMBER:

REMIT TO ADDRESS:

CAGE CODE:

DUNS NO:

GSA FSS Item No.	Description	Model No/ Labor Category	Qty	Unit	GSA Price	BPA discounted rate Includes 1%" GSA Fee

\*State "All" or identify schedule section or specific item number from schedule

7.2 Products or services that are not set forth on the BPA holder's GSA FSS contract, or its Team Members' GSA FSS contracts may not be included in Attachment A.

END-USER	POINT OF CONTACT/ ADDRESS	CONTACT PHONE/ FAX/E-MAIL	CONTRACT PERIOD	CONTRACT AMOUNT	DESCRIPTION OF EQUIPMENT
Naval Hospital- Beaufort, SC	Richard Bishop Naval Hospital 1 Pinckney Blvd. Beaufort, SC 29902	843-228-5321 843-228-5227 (fax) robishop@beaufort.med.navy.mil	9/00-5/01	\$41,132.00	Radio Reporting Equipment/Installation
Diego Garcia	Fire Chief Arthur Williams NSF Diego Garcia PSC 466, P.O. Box 27 FPO AP 96595-0027	011-246-370-4732 011-246-370-3964 (fax) awilliams@cwnetdc.io	2/01-3/01	\$29,950.00	Installation of Radio Reporting Equipment
Fl. Belvoir, VA	Fire Chief Norm Sullivan 6100 Abbott Rd., Bldg. 2119 Ft. Belvoir, VA 22060	703-806-6916 703-806-5190 norman_e_sullivan_jr@belvoir.army.mil	9/00-1/01	\$16,623.00	Radio Reporting Equipment
MCAS Beaufort, SC	Charles Buster Public Works, Bldg. 625 MCAS, P.O. Box 55019 Beaufort, SC 29904	843-228-6302 busterce@beaufort.usmc.mil	10/00-12/00	\$16,380.00	Radio Reporting Equipment
MCAS Beaufort, SC	Charles Buster Public Works, Bldg. 625 MCAS, P.O. Box 55019 Beaufort, SC 29904	843-228-6302 busterce@beaufort.usmc.mil	10/00-12/00	\$32,760.00	Radio Reporting Equipment
NASJRB Willow Grove, PA	Fire Chief Larry Tallon Operations Office/Fire Division Willow Grove, PA 19090-5010 NAS Code 55	215-443-6199 215-773-2173 (fax) wgfhfc@cnrf.nola.navy.mil	5/01-7/01	\$25,602.00	Installation of Radio Reporting Equipment
NASJRB Willow Grove, PA	Fire Chief Larry Tallon Operations Office/Fire Division Willow Grove, PA 19090-5010 NAS Code 55	215-443-6199 215-773-2173 (fax) wgfhfc@cnrf.nola.navy.mil	10/00-1/01	\$33,760.00	Radio Reporting Equipment
NASJRB Willow Grove, PA	Fire Chief Larry Tallon Operations Office/Fire Division Willow Grove, PA 19090-5010 NAS Code 55	215-443-6199 215-773-2173 (fax) wgfhfc@cnrf.nola.navy.mil	11/00-5/01	\$16,695.00	Radio Reporting Equipment
NSB Groton, CT	Fire Chief Arthur Flynn Box 950, Code 15F New London, Groton, CT 06349-5000 Naval Sub. Base.	860-694-5080 860-694-4064 (fax) flynna@subasentlon.navy.mil	9/00-12/00	\$32,760.00	Radio Reporting Equipment
Pearl Harbor, HI	Fire Chief Mike Jones Federal Fire Dept., Code 00G St. Suite 100 Honolulu, HI 96860-5102 850 Ticonderoga	808-473-0343 808-473-5772 (fax) jonesmp@pearlharbor.navy.mil	9/00-11/01	\$85,292.00	Radio Reporting Equipment/Installation
Portsmouth Naval Shipyard, NH	John Rodden Bldg. 237, Code 914.1 Portsmouth Naval Shipyard, Portsmouth, NH 03804-5000	207-438-4640 207-438-4655 (fax) roddeji@mail.sports.navy.mil	11/00-1/01	\$16,260.00	Radio Reporting Equipment
Sasebo, Japan	Ethel Pierczynski US Fleet/Industrial Supply Center Detachment Sasebo PSC 476, Box 6 FPO AP 96322-1500	011-81-6160-52-3649 011-81-956-24-7723 Ethel_p_pierczynski@yoko.fsc.navy.mil	9/00-4/01	\$361,632.00	Personnel Warning System Equipment
Sasebo, Japan	Ethel Pierczynski US Fleet/Industrial Supply Center Detachment Sasebo PSC 476, Box 6 FPO AP 96322-1500	011-81-6160-52-3649 011-81-956-24-7723 Ethel_p_pierczynski@yoko.fsc.navy.mil	8/00-8/01	\$249,202.00	Installation of Personnel Warning Equipment
Sasebo, Japan	Fire Chief Tim Bangle U.S. Fleet Activities Sasebo, Japan PSC 476, Box 65 FPO AP 96322-1155	011-81-6140-52-3408 011-81-6140-52-3333 (fax) c75@cfas.navy.mil	9/00-11/00	\$29,722.00	Radio Reporting Equipment
Yokosuka, Japan	Fire Chief Dan Marshall COMFLEACT Fire Department Yokosuka, Japan Code 1100 PSC 473, Box 1 FPO AP 96349-1100	011-81-468-24-6284 011-81-6160-43-7048 (fax) c1100@cfay.navy.mil	3/01-4/01	\$85,261.00	Radio Reporting Equipment
Yokosuka, Japan	Fire Chief Dan Marshall COMFLEACT Fire Department Yokosuka, Japan Code 1100 PSC 473, Box 1 FPO AP 96349-1100	011-81-468-24-6284 011-81-6160-43-7048 (fax) c1100@cfay.navy.mil	7/00-1/01	\$41,600.00	Installation of Personnel Warning Equipment
Rock Island Arsenal, IL	Fire Chief Rich Reed SMARI-PWF, Bldg. 225 Rodman Ave. Rock Island, IL 61299-5000	309-782-2911 309-782-0365 (fax) reed@ria.army.mil	11/00-4/01	\$45,815.00	Radio Reporting Equipment/Installation
Fl. Stewart, GA **	Don Police Headquarters S2/S3 Section Plans Analyst & Installation Force Protection Officer Ft. Stewart, GA, 31314	912-767-6719 912-767-1659 (fax) PoliceDR@smhs.stewart.army.mil	8/99-3/00	\$105,630.00	Personnel Warning System Equipment/ Installation
Yokosuka, Japan**	Fire Chief Dan Marshall COMFLEACT Fire Department Yokosuka, Japan Code 1100 PSC 473, Box 1 FPO AP 96349-1100	011-81-468-24-6284 011-81-6160-43-7048 (fax) c1100@cfay.navy.mil	3/00-7/00	\$27,780.00	Personnel Warning System Equipment

\*\*These were commercial contracts, awarded before our GSA FSS contract became effective.

# GENERAL SERVICES ADMINISTRATION

## FEDERAL SUPPLY SERVICE

### AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST

#### FSC GROUP: 63 PART I

ALARM AND SIGNAL SYSTEMS/  
FACILITY MANAGEMENT SYSTEMS

FSC CLASSES: 6350 AND 6685

SPECIAL ITEM NUMBERS:

246-20-3 Miscellaneous Alarm and Signal Systems  
(Audible/Visual Warning/Signaling Devices  
including Radio Alarm Equipment  
246-50 Ancillary Services  
(Installation, Maintenance, Repair and  
other support services)

**CONTRACT NUMBER: GS-07F-0349K**

**CONTACT PERIOD: 07/01/2000 THROUGH 06/30/2005**

**KING-FISHER COMPANY**  
**2350 S.FOSTER AVE.**  
**WHEELING. IL. 60090-6574**

TELEPHONE: 847-398-7100

FACSIMILE: 847-255-1507

e-mail: [sales@kfco.com](mailto:sales@kfco.com)

SIZE OF BUSINESS: SMALL

**J-34 & PM-PSE  
TESTED & ACCEPTED**

King-Fisher Company c/o  
All Service Controls  
3532 Hampton Road  
Oceanside, NY 11572

King-Fisher Company c/o  
Reyco International  
10530 Elmdale Drive  
Houston, Tx. 77070

# CUSTOMER INFORMATION

246-20 (3) Miscellaneous Alarm and Signal Systems  
246-50 Ancillary Services

1b. LOWEST UNIT PRICE: 211 Key \$4.00

2. MAXIMUM ORDER PER SIN

246-20 (3): \$100,000.00

246-50: \$200,000.00

A delivery order that exceeds the maximum order may be placed with the contractor selected in accordance with FAR 8.404. The order will be placed under the schedule contract.

3. MINIMUM ORDER: \$100.00

4. GEOGRAPHIC COVERAGE: 48 Contiguous United States, District of Columbia, Alaska, Hawaii, Puerto Rico, Europe and Asia

5. POINT OF PRODUCTION: Wheeling, IL.

6. DISCOUNT: Prices reflected herein are GSA Net; discount has been taken.

7. PROMPT PAYMENT TERMS: Net 30 days.

8a. GOVERNMENT COMMERCIAL CREDIT CARDS (GCCC): Accepted

8b. GCCC ACCEPTED ABOVE MICRO-PURCHASE THRESHOLD: Yes

9. FOREIGN ITEMS: None

10a. TIME OF DELIVERY: 30-90 days after receipt of order (ARO).

10b. EXPEDITED DELIVERY: None

10c. OVERNIGHT AND 2-DAY DELIVERY: N/A

10d. URGENT REQUIREMENTS: Contact: Carl J. King (847) 398-7100 or Participating Dealer

11. FOB POINTS:

DESTINATION: 48 Contiguous United States and District of Columbia

ORIGIN: Alaska, Hawaii, Puerto Rico, Europe and Asia

12. ORDERING ADDRESS: King-Fisher Company

2350 S. Foster Ave.

Wheeling, IL. 60090-6574

OR

King-Fisher Company c/o

Participating Dealer (See cover)

13. PAYMENT ADDRESS: Same

# CUSTOMER INFORMATION

14. WARRANTY PROVISION: 1Year
15. EXPORT PACKING CHARGES: Call King-Fisher or dealer for details and pricing.
16. TERMS AND CONDITIONS OF GOVERNMENT COMMERCIAL CREDIT CARD ACCEPTANCE: No additional discounts are offered.
17. TERMS AND CONDITIONS OF RENTAL, MAINTENANCE AND REPAIR: Rental reserved; maintenance available under SIN 246-50 Ancillary Services. Call for details and pricing. Ancillary Services is contractually defined as: Includes, but not limited to services necessary to install the system (from design through start-up), maintain the system (including maintenance agreements which may not exceed the term of the contract) or training.
18. TERMS AND CONDITIONS OF INSTALLATION: Available under SIN 246-50, Ancillary Services. Call for details and pricing. Ancillary Services is contractually defined as: Includes, but not limited to: services necessary to install the system (from design through start-up), maintain the system (including maintenance agreements which may not exceed the term of the contract) or training.
19. TERMS AND CONDITIONS OF REPAIR PARTS: Available, call for details and pricing.
20. LIST OF SERVICE AND DISTRIBUTION POINTS:

U.S.: See dealers or King-Fisher Company

Europe: Mr. Keith Price  
PSC 451, Box 163  
FPO AE 09834  
Tel/Fax 011-973-72-4320 e-mail: [kprice@batelco.com.bh](mailto:kprice@batelco.com.bh)

Asia: Mr. Seinosuke Sasaki  
4509 Ikebecho Tsuzukiki  
Yokohama 224053 Japan  
Tele: =81-45-931-111 e-mail: [info@sangikyo.co.jp](mailto:info@sangikyo.co.jp)

21. LIST OF PARTICIPATING DEALERS: See cover

PREVENTATIVE MAINTENANCE: Available under SIN 246-50, Ancillary Services for details and pricing. Ancillary Services is contractually defined as: Includes, but not limited to: services necessary to install the system (from design through start-up), maintain the system (including maintenance agreements which may not exceed the term of the contract) or training. YEAR 2000 (Y2k)

COMPLIANT: Yes.

22. ENVIRONMENTAL ATTRIBUTES: N/A.
23. DATA UNIVERSAL NUMBER SYSTEM (DUNS) NUMBER: 054330972 CAGE: 1X974
24. REGISTRATION IN CENTRAL CONTRACTOR REGISTRATION (CCR) DATABASE: Yes.

# WARRANTY AND RETURN INFORMATION

King-Fisher Company will warrant all replacement parts and repairs for one year from shipment by King-Fisher Company. All goods requiring warranty repair shall be sent freight prepaid to King-Fisher Company at the address identified herein. Repairs made necessary by reason of misuse, alteration, normal wear, or accident are not covered under this warranty.

King-Fisher Company assumes no risk and shall be subject to no liability for damages or loss resulting from the specific use or application made of products. King-Fisher Company's liability for any claim, whether based on breach of contract, negligence, infringements of any rights of any party or product liability, relating to the products shall not exceed the price paid for such products. In no event will King-Fisher Company be liable for any special, incidental or consequential damages (including loss of use, loss of profit and claims of third parties) however caused, whether by the negligence of King-Fisher Company or otherwise.

In the event of a dispute regarding the warranty of a product which does not fall under the warranty conditions stated above, include a written explanation with the product when returned.

In the event a warranty repair is required, contact King-Fisher Company at (847) 398-7100 or e-mail: [service@kfco.com](mailto:service@kfco.com) to obtain a Return Authorization Number (RA#), and provide the following information:

1. Part Number, Model and Serial Number
2. Date of Shipment, Purchase Order Number, Sales Order Number or King-Fisher Company's Invoice Number
3. Details of the defect or problem

Ship freight prepaid to: King-Fisher Co., 2350 S. Foster Ave., Wheeling, IL. 60090-6574

Method of return shipment shall be the same or equal to the method by which the product was received by King-Fisher Company.

# Condensed RIPAS and ROPAS Equipment Selection Guide

KING-FISHER COMPANY RECOMMENDS THAT A FIELD SURVEY BE MADE BY A QUALIFIED FACTORY REPRESENTATIVE TO DETERMINE THE PROPER SELECTION OF PERSONNEL ALERTING SYSTEM (RIPAS AND/OR ROPAS) EQUIPMENT REQUIRED AT THE SITE.

IN LIEU OF A SITE SURVEY BY A QUALIFIED FACTORY REPRESENTATIVE, THE SURVEY SHOULD BE PERFORMED BY AN INDIVIDUAL QUALIFIED IN ACOUSTICAL ENGINEERING AND PERSONNEL ALERTING SYSTEMS; AND, IF POSSIBLE, FORWARD TO THE FACTORY A PLAN OR SKETCH CONTAINING AS MUCH INFORMATION AS POSSIBLE ABOUT THE SITE.

## DEFINITIONS

**dB SPL:** A decibel is a unit of sound, expressed as a ratio of relative sound pressure to a reference sound pressure. Loudspeakers when generating sound, (Decibels) are a reference quantity of Sound Pressure Level (SPL).

## THINGS TO KEEP IN MIND

As you increase the distance between the source of sound (siren, speaker) you decrease the SPL. Moving away from the sound source will lower the sound level by 6dB each time the distance from the sound source is doubled. Example: Doubling the distance from a ROPAS lowers the SPL level by 6dB. A rule of thumb is to design the PAS dB level (output) at least 10dB above the maximum expected level of the area coverage.

Sound Levels	dB
Jet Engine @ 10'-0" (34.8m)	140
Threshold of Pain	130
Rock Concert	120
Subway Train	90
Speech @ 1'-0" (3.48m)	70
Business office	50
Empty Movie Theater	20

**MAXIMUM dB LEVEL EXPECTED AT THE SITE:** In determining the maximum dBc level at the site, indoor and outdoor reading should be taken with a Sound Level Meter capable of measuring the overall sound pressure level of continuous or moderately fluctuating kinds of sound. The Sound Level Meter should meet the operational characteristics as specified by both national and international standards. There are many Sound Level Meters on the market; it is recommended that a high-quality meter be used for the site survey. A good Sound Level Meter averages about \$(US) 1000.00 or more.

In addition to obtaining a Sound Level Meter, the dBc level measurements should be taken by an individual qualified in the use of the sound meter.

**LOCAL POWER SOURCES:** The local power source should be inspected for reliability of service; further, the type of available power should be noted: 50/60 Hz, etc. (100-130 VAC standard.)

Based on the reliability of the power source, a selection of the number of hours of battery back-up should be decided upon. if a second power source is available, such as a back-up generator, then a battery back-up of 12 or 24 hours may be suitable. Without a second power source, 48 hours, 90 hours or more may be required to furnish uninterrupted protection, during a power outage, to the Personnel Alerting System.

**UNUSUAL LOCAL CONDITIONS:** Any unusual conditions, such as long scheduled power outage or quiet nights and high-level noise at other periods of the day, should be addressed in configuring an appropriate Personal Alerting System. Service personnel may play a stereo unit in their rooms in the evening, with or without earphones. This may warrant the need for flashing strobes in the individual rooms to alert personnel that a voice message is in progress.

# RADIO INDOOR/OUTDOOR PERSONNEL ALERTING SYSTEM

**AMBIENT TEMPERATURES AT THE SITE:** Dry or humid air, high or low temperatures, extreme moisture conditions, blowing sand, etc. should also be considered when selecting the appropriate type of system.

The King-Fisher Radio Indoor/Outdoor Personnel Alerting Systems (RIPAS and ROPAS) operate in ambient temperatures between -40°F (-40°C) and up to +140°F (+60°C). All RIPAS electronics are protected in a NEMA 3R enclosure; ROPAS electronics, in an aluminum enclosure.

**PROTECTION OF KEY COMPONENTS:** Consideration of the location and the security of the RIPAS or the ROPAS control equipment should be addressed during the installation of the system. Protection against climate, tampering or sabotage should also be addressed.

**ANTENNA:** Location and type of antenna selected will vary according to site considerations.

**DEVELOPING A SITE PLAN OR SKETCHES:** In lieu of the absence of qualified design personnel or the difficulty of bringing in a King-Fisher representative to the site, plans or sketches can be prepared and forwarded to the factory. This way, even the simplest system configuration will have your assurance of our review.

The Radio Personnel Alerting System can be configured for Indoor (RIPAS) and Outdoor/Base-wide (ROPAS) applications.

RIPAS models 25 through 100 are designed for indoor, and local outdoor, applications using indoor speakers and indoor/outdoor electronic weather-proof horns. Features include four (4) Digital Pre-recorded Messages activated by Hand-held Pushbutton Transmitters, Real-time Public Address Voice using Portable Transmitters, power levels up to 120 dBc (at 4 feet), Battery Back-up, Antenna and NEMA 3R Enclosures.

ROPAS systems, for outdoor applications using high-capacity omni-directional speaker cells, are designed to deliver full power Digital Pre-recorded or Real-time Voice and Siren alerting, instantly through a 360° speaker array system with power levels up to 126dBc at 100 feet. Each ROPAS offers up to ten (10) modules capable of producing an estimated 70dB range at approximately 5,200 feet.

Accessories include up to sixteen (16) pre-recorded messages, battery charger, battery backup, a solar cell system, diagnostic silent test, and radio reporting to a centrally located King-Fisher Company Radio Fire/Security/Medical/HazMat Alarm Reporting System.

Engineered for easy installation, in single-building, multi-building or base-wide applications, the Radio Personnel Alerting System provides reliable personnel alerting in a wide temperature range up to +140°F (+60°C).

# RADIO INDOOR/OUTDOOR PERSONNEL ALERTING SYSTEM

PART NO.	RADIO INDOOR PERSONNEL ALERTING SYSTEM (RIPAS)	PRICE (\$ US)
98001	<b>Model RIPAS-25</b> Radio Electronics consisting of 120VAC, 50/60 Hz power supply, pre recorded digital voice module (four (4) pre-recorded messages,) assembled in a NEMA 3R locked enclosure; two (2) hand-held four- (4) button transmitters, receiving antenna, and twenty-four (24) hours of standby battery backup.	\$4,950
98002	<b>Model RIPAS-25A</b> As RIPAS-25, but with real-time receiver included in the NEMA 3R enclosure, realtime radio public address module, and one portable transmitter.	\$6,300
98003	<b>Model RIPAS-50</b> Radio Electronics consisting of 120VAC, 50/60Hz power supply, pre-recorded digital voice module (four (4) pre-recorded messages,) assembled in a NEMA 3R locked enclosure; two (2) hand-held four- (4) button transmitters, receiving antenna, and twenty-four (24) hours of standby battery backup.	\$5,850
98004	<b>Model RIPAS-50A</b> As RIPAS-50, but with real-time receiver included in the NEMA 3R enclosure, realtime radio public address module, and one portable transmitter.	\$7,200
98007	<b>Model RIPAS-100</b> Radio Electronics consisting of 120VAC, 50/60Hz power supply, pre-recorded digital voice module (four (4) pre-recorded messages,) assembled in a NEMA 3R locked enclosure; two (2) hand-held four- (4) button transmitters, receiving antenna, and forty- eight (48) hours of stand-by battery backup.	\$6,750
98008	<b>Model RIPAS-100A</b> As RIPAS-100, but with real-time receiver included in the NEMA 3R enclosure, realtime radio public address module, and one portable transmitter.	\$8,100

**Note: For applications where greater than four (4) Pre-recorded, Voice Messages are desired, consult with the factory.**

# RADIO INDOOR/OUTDOOR PERSONNEL ALERTING SYSTEM

PART NO.	INDOOR (RIPAS) PERSONNEL ALERTING SYSTEM ACCESSORIES	PRICE (\$ US)
98019	<b>Four (4) speaker zone module</b> for RIPAS models 25, 25A, 50 and 50A. add	\$742
98020	<b>Eight (8) speaker zone module</b> for RIPAS models 100 and 100A, add	\$1,305
92006	<b>Four (4) Button Hand-Held Transmitter</b> (trips pre-recorded message module)	\$111
92009	<b>Portable Voice Transmitter</b> (specify frequency)(Used with real-time public address module.)	\$733
92005	<b>Repeater</b> (used to extend range of 92006 hand-held transmitter)	\$517
80105	<b>Electronic Voice Speaker Horn</b> for indoor/outdoor applications - 120dB (@ 4')	\$175
80106	<b>Electronic Voice Speaker Horn</b> for indoor/outdoor applications - 107dB (@ 4')	\$157
80107	<b>Electronic Speaker Horn</b> for indoor applications only - 93dB (@ 10')	\$72
98021	<b>Enclosure Tamper Switch</b> (for use on all RIPAS models)	\$90
81076	<b>Strobe</b> (for indoor applications only)	\$67
92115	<b>Field Programmable Instant Voice Replay Module</b>	\$895

PART NO.	MODEL RIPAS-25, -50, -75 AND -100 SPARE PARTS	PRICE (\$ US)
74002-1	<b>RIPAS-25 or -50 Enclosure</b> (Order Lexan window separately at time of order)	\$676
74003-2	<b>RIPAS-100 Enclosure</b> (Order Lexan window separately at time of order)	\$860
40523-2	<b>Lexan Window for RIPAS</b> (two are required for RIPAS-100)	\$45
18005	<b>Door Tamper Switch</b> for all RIPAS models	\$90
29006	<b>Door Lock with Key</b> for all RIPAS models	\$22
29007	<b>211 Key</b> for 29006 lock	\$4
74008	<b>Battery Cabinet</b> (24" x 24" x 8")	\$441
74020	<b>Battery Cabinet</b> (16" x 12" x 8")	\$315
17014	<b>24-Hour Battery Stand-by Pack for RIPAS-25 or -50</b> (requires three batteries)	\$112
17033	<b>48-Hour Battery Stand-by Pack for RIPAS-100</b> (requires three batteries)	\$135
17122	<b>160-Hour Battery Stand-by Pack for RIPAS-100</b> (requires three batteries)	\$405
50037	<b>Coaxial-Fed Transmission Antenna</b> (specify frequency)	\$157
92013	<b>Pre-recorded Voice Module (RIPAS-25/-25A)</b> with amplifier, digital message repeater, temporal pattern, power supply and battery charger	\$3,150
92014	<b>Pre-recorded Voice Module (RIPAS-50/-50A)</b> with amplifier, digital message repeater, temporal pattern, power supply and battery charger	\$3,712
92017	<b>Pre-recorded Voice Module (RIPAS-100/100A)</b> with amplifier, digital message repeater, temporal pattern, power supply and battery charger	\$5,625
92012	<b>Receiver</b> (for pre-recorded messages) with four (4) outputs	\$426
92003	<b>Receiver</b> (for pre-recorded messages) with sixteen (16) outputs	\$530
92006	<b>Four-button Hand-held Transmitter</b> (used with 92003 and 92012)	\$111
69110	<b>Real-time Radio Public Address Receiver</b> with volume control interface board	\$1,323
92009	<b>Portable Transmitter</b> (used with 69110 public address receiver)	\$733
65252	<b>Power Supply</b>	\$225

# RADIO INDOOR/OUTDOOR PERSONNEL ALERTING SYSTEM

PART NO.	RADIO OUTDOOR PERSONNEL ALERTING SYSTEM (ROPAS)	PRICE (\$ US)
98009	<b>Model ROPAS-100:</b> One (1) Speaker Cell Prepackaged ROPAS 108dBc omni-directional outdoor alerting system with one (1) Speaker Cell. Consisting of four (4) digital pre-recorded messages, real-time public address voice modules, amplifiers, electronic siren controller, tone generator, timer, built-in control push buttons, battery switch, 2-12vdc heavy duty lead calcium batteries for up to 30-minutes continuous operation, battery tray, solar cell and charger, and a natural-finish two compartment aluminum cabinet with individual front doors, and <b>Global com. ready</b>	\$17,500
98010	<b>Model ROPAS-200:</b> Same as ROPAS-100, except includes two (2) Speaker cell for 114dBc output.	\$19,500
98011	<b>Model ROPAS-300:</b> Same as ROPAS-100, except includes three (3) Speaker Cells for 115 dBc output.	\$21,500
98012	<b>Model ROPAS-400:</b> Same as ROPAS-100, except includes four (4) Speaker Cells for 118 dBc output.	\$23,500
98013	<b>Model ROPAS-500:</b> Same as ROPAS-100, except includes five (5) Speaker Cells for 119 dBc output.	\$25,500
98014	<b>Model ROPAS-600:</b> Same as ROPAS-100, except includes six (6) Speaker Cells for 121 dBc output.	\$27,500
98015	<b>Model ROPAS-700:</b> Seven (7) Speaker Cells Prepackaged ROPAS 123dBc omni-directional outdoor alerting system with seven (7) Speaker Cells. Consisting of four (4) digital pre-recorded messages, real-time public address voice modules, amplifiers, electronic siren controller, tone generator, timer, built-in control push buttons, battery switch, 4-12vdc heavy duty lead calcium batteries for up to 30-minutes continuous operation, dual battery tray, solar cell and charger, and a natural-finish three compartment aluminum cabinet with individual front doors, and <b>Global com. ready</b> .	\$29,500
98016	<b>Model ROPAS-800:</b> Same as ROPAS-700, except includes eight (8) Speaker Cells for 124dBc output.	\$31,500
98017	<b>Model ROPAS-900:</b> Same as ROPAS-700, except includes nine (9) Speaker Cells for 125dBc output.	\$32,500
98018	<b>Model ROPAS-1000:</b> Same as ROPAS-700, except includes ten (10) Speaker Cells for 126dBc output.	\$34,500

<b>Note:</b> When selecting any of the above ROPAS packages, an Encoder/Decoder or Encoder and a high or low band transceiver with antenna and microphone must be selected from the following list.
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92110	<b>Central Station Encoder Unit</b> (Used as a secondary unit, per site, includes programming)	\$1,627
92109	<b>Central Station Encoder / Decoder Unit</b> (One required per site, includes programming)	\$4,032
92112	<b>Transceiver - VHF Low band</b> (Includes antenna and interfacing into ROPAS unit). One required for each ROPAS array and encoder - NARROW BAND	\$1,440
92113	<b>Transceiver - VHF - High band</b> (Includes antenna and interfacing into ROPAS unit). One required for each ROPAS array and encoder - NARROW BAND	\$2,520

# RADIO INDOOR/OUTDOOR PERSONNEL ALERTING SYSTEM

PART NO.	OUTDOOR (ROPAS) PERSONNEL ALERTING SYSTEM ACCESSORIES	PRICE (\$ US)
98023	<b>Diagnostic Silent Test</b> (for all ROPAS-100 thru ROPAS-600)	\$333
98025	<b>Diagnostic Silent Test</b> (for all ROPAS-700 thru ROPAS-1000)	\$387
98022	<b>Solar Power System</b> (for ROPAS -100 thru ROPAS-600) - includes mounting bracket and regulator (must be purchased at time of ordering ROPAS Siren)	\$2,070
98024	<b>Solar Power System</b> (for ROPAS -700 thru ROPAS-1000) - includes mounting bracket and regulator (must be purchased at time of ordering ROPAS Siren)	\$2,430
92019	<b>8 Pre-recorded Messages @ 30 seconds each</b> (for all ROPAS models)	\$801
92018	<b>16 Pre-recorded Messages @ 30 seconds each</b> (for all ROPAS models)	\$1,260
92006	<b>Four (4) Button Hand-Held Transmitter</b> (trips pre-recorded message module)	\$111
92115	<b>Field Programmable Instant Voice Replay Module</b>	\$895

## FOR RADIO ENCRYPTION COMMUNICATIONS CALL THE FACTORY.

92012	<b>Receiver for four (4) button hand-held transmitter</b>	\$426
92009	<b>Portable Voice Transmitter</b> (specify frequency) used with real-time public address module.	\$733
92005	<b>Repeater</b> (used to extend range of the 92006 hand-held transmitter)	\$517
69110	<b>Real-time Public Address Receiver</b> , with volume control interface board	\$1,323
50037	<b>Antenna</b> - for Real-time voice receiver	\$157
92114	<b>Pole mounting bracket</b> for speaker cells - wooden pole	\$270
92116	<b>Pole mounting bracket</b> for speaker cells - concrete pole	\$270

PART NO.	ROPAS SPARE PARTS	PRICE (\$ US)
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For enhanced long range radio emergency reporting add-ons, please contact the factory.

For ROPAS spare parts, please consult the factory.

PART NO.	KFRA-C FIRE ALARM RECEIVERS	PRICE (\$ US)
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99100-S	<b>KFRA-C Fire Alarm Receiver (Single)</b>	\$16,200
99100-D	<b>KFRA-C Fire Alarm Receiver (Dual)</b>	\$32,400

PART NO.	KFRA-C ENCLOSURES	PRICE (\$ US)
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40525-AB-AA	<b>Desktop Single or Dual</b> - requires external battery cabinet (74008)	\$1,879
40530-1-AB-AA	<b>Slope front enclosure</b> 50"H	\$2,419
40534-1-AB-AA	<b>Vertical, upright enclosure</b> 51 "H	\$2,160
74008	<b>Battery Cabinet</b> 24 1/4"H x 24 1/4" W x 8 3/4"D	\$441
40526	<b>Writing Shelf</b> (for all but desktop)	\$509

**Standard colors available: taupe/neutral. Consult the factory for other choices.**

# RADIO INDOOR/OUTDOOR PERSONNEL ALERTING SYSTEM

PART NO.	KFRA-C ACCESSORIES	PRICE (\$ US)
91003	<b>Auxiliary alarm/light controller.</b> Activates fire station alarms, lights, doors, etc (within building) automatically upon a received alarm message. Variable time delay for return to normal.	\$360

PART NO.	RADIO FIRE ALARM RECEIVER ANTENNAS	PRICE (\$ US)
50053	<b>Coaxial fed. omni-directional, with ground plane, 3dB gain; high frequency,</b> Alodined, 1-1/4" Mount.	<b>\$495</b>
50057	<b>Coaxial fed, omni-directional; low frequency,</b> 1-1/4" Mount.	<b>\$522</b>
50085	<b>Directional, vertical-beam, 8dB gain, high frequency,</b> 1-1/4" mount.	\$495
50060	<b>Directional, vertical-beam, 8dB gain, low frequency,</b> 1-1/4" mount.	\$540

PART NO.	KFRA-C BASE STATION REPLACEMENT PARTS	PRICE (\$ US)
69151	<b>Printer,</b> Modified, mechanism only	\$499
66601-4	<b>Power Supply</b>	\$490
66602-1	<b>Display Board</b>	\$514
66603-2	<b>CPU Interface</b>	\$369
66606-3	<b>Tone Detector</b>	\$1,701
66618	<b>CPU</b>	\$2,214
69350-2	<b>Printer Controller, power supply and interface</b>	\$710
79200-1-HB	<b>Receiver RX/HB</b>	\$1,858
79200-1-LB	<b>Receiver RX/LB</b>	\$1,858
97600-AC	<b>Disk Drive, 3 1/2" Floppy</b>	\$88

PART NO.	KFRTI-J34 PANEL	PRICE (\$ US)
99700	<b>KFRTI-J34A with electronics and enclosure</b> (with transmitter reporting feature) 20 zones.	\$3,978
99710	<b>KFRTI-J34B with electronics and enclosure</b> (with transmitter reporting feature) 52 zones.	\$7,272

PART NO.	KFRTI-J34 ACCESSORIES	PRICE (\$ US)
91027	<b>Auxiliary Relay Control Kit</b> Provides four independent DPDT relays (10Amp Max) for control of remote auxiliary electrical equipment/devices upon detection of alarm condition (requires one zone module position)	\$360

PART NO.	TRANSMITTER ANTENNAS	PRICE (\$ US)
50004	<b>Coaxial fed omni-directional, unity gain; high frequency,</b> Aluminum, 1" Mount.	\$135
50026	<b>Coaxial fed, omni-directional, unity gain; low frequency,</b> Aluminum, 1" Mount.	\$180
50037	<b>Coaxial fed, omni-directional, 5/8 wave length, 3dB gain, high frequency,</b> Stainless Steel, 1" Mount.	\$157
50001	<b>Shunt fed. omni-directional, unity gain low frequency,</b> Aluminum, 1" Mount.	\$270
50059	<b>Directional, vertical-beam, 8dB gain, high frequency,</b> 3/4" Mount.	\$283
50104	<b>Antenna Amplifier, transmitter/receiver,</b> 2 meter	\$270

# RADIO INDOOR/OUTDOOR PERSONNEL ALERTING SYSTEM

PART NO.	TRANSMITTER ANTENNAS	PRICE (\$ US)
50112	Antenna Amplifier, transmitter only, 2 meter	\$270

PART NO.	KFRTI-J34 REPLACEMENT PARTS	PRICE (\$ US)
66115-12	Power Supply Assembly (Board)	\$585
66120-5	AM Transmitter (High Band - specify frequency)	\$225
66121-2	AM Transmitter (Low Band - specify frequency)	\$225
66150-3	CPU Board	\$315
66156-4	Alarm Control Board	\$315
66107-0	Zone Mother Board	\$90
10035	Transmitter Code Chip	\$45
66163-4	4-input (Class B) Zone Card	\$315
66170-0	Auxiliary Relay Board (with 4 relays)	\$360

PART NO.	BATTERY PACKS AND CABINETS	PRICE (\$ US)
17014	<b>Battery Pack, 12V/5AH</b> Rechargeable sealed lead acid battery. For use with KFRTI-J34 Control panel (2 or more required)	\$112
17033	<b>Battery Pack, 12V/8AH</b> Rechargeable sealed lead acid battery. For use with KFRTI-J34 Control panel (2 or more required).	\$135
17012	<b>Battery Pack, 12V/12.5AH</b> Rechargeable sealed lead acid battery. For use with KFRTI-J34 Control panel (2 or more required).	\$225
17015	<b>Battery Pack 12V/25AH</b> Rechargeable sealed lead acid battery. For use with KFRA-C Base Station (one or more required, depending on backup time desired and if single or dual).	\$382
17122	<b>Battery and Cable Assembly, 12V/26AH</b> Rechargeable sealed lead acid battery. For use with KFRA-C Base Station (one or more required, depending on backup time desired and if single or dual).	\$405
17121	<b>Battery and Cable Assembly, 12V/42AH</b> Rechargeable sealed lead acid battery. For use with KFRA-C Base Station.	\$459
17120	<b>Battery and Cable Assembly, 12V/60AH</b> Rechargeable sealed lead acid battery. For use with KFRA-C Base Station (one or more required, depending on backup time desired and if single or dual).	\$495

# RADIO INDOOR/OUTDOOR PERSONNEL ALERTING SYSTEM

PART NO.	BATTERY PACKS AND CABINETS	PRICE (\$ US)
17123	<b>Battery and Cable Assembly, 12V/75AH</b> Rechargeable sealed lead acid battery. For use with KFRA-C Base Station (one or more required, depending on backup time desired and if single or dual).	\$540
74008	<b>Battery Cabinet (24" x 24" x 8")</b>	\$441
74020	<b>Battery Cabinet (16" x 12" x 8")</b>	\$315

**NOTE: Consult the factory for your specific requirements**

PART NO.	REPAIR AND TRAINING - FACTORY	PRICE (\$ US)
90001	<b>Factory Labor to Repair</b>	\$67/hr
90002	<b>Factory Classroom Training</b> (Two day minimum, travel and living expenses not included.)	\$675/day/person*

PART NO.	REPAIR, TRAINING, AND SUPERVISION - FIELD	PRICE (\$ US)
90003	<b>Field Technical services;</b> for on-site trouble-shooting, repairs and initial system startup (within Continental United States)	\$720/day*
90004	<b>Field Technical services;</b> for on-site trouble-shooting, repairs and initial system startup (outside Continental United States)	\$900/day*
90010	<b>Job supervision</b> (within Continental United States)	\$720/day*
90011	<b>Job supervision</b> (outside Continental United States)	\$900/day*
90012	<b>Site Survey</b> (within Continental United States)	\$720/day*
90013	<b>Site Survey</b> (outside Continental United States)	\$900/day*
90014	<b>Inhouse Engineering</b>	\$540/day
90015	<b>Field Engineering</b>	\$540/day*
90016	<b>Testing Services</b>	\$900/day*
90017	<b>Test Report (four (4) copies)</b>	\$630

**\*Plus travel and living expenses. Days charged portal to portal from Wheeling, Illinois.**

# RADIO INDOOR/OUTDOOR PERSONNEL ALERTING SYSTEM

## RIPAS/ROPAS PHYSICAL INFORMATION

Part No.	Description	Weight		Cube	
		lbs	Kg	ft3	m3
98001	RIPAS-25	103	47	8.5	0.24
98002	RIPAS-25A	103	47	8.5	0.24
98003	RIPAS-50	103	47	8.5	0.24
98004	RIPAS-50A	103	47	8.5	0.24
98007	RIPAS-100	189	86	20	0.56
98008	RIPAS-100A	189	86	20	0.56
98009	ROPAS-100	475	216	55.6	1.56
98010	ROPAS-200	545	247	55.6	1.56
98011	ROPAS-300	615	279	60	1.68
98012	ROPAS-400	650	295	70	1.96
98013	ROPAS-500	700	318	84.4	2.36
98014	ROPAS-600	750	341	97.8	2.74
98015	ROPAS-700	1000	454	111	3.11
98016	ROPAS-800	1060	481	122	3.42
98017	ROPAS-900	1100	499	147	4.11
98018	ROPAS-1000	1200	545	160	4.48
99100-S	KFRA-C single	420	191	64	1.76
99100-D	KFRA-C dual	530	241	70	1.92
99700	KFRTI-J34A	103	47	8.5	0.24
99710	KFRTI-J34B	189	86	20	0.56



**Specialty Films Inc.**

A Material Sciences Corporation Company

13770 Automobile Blvd. • Clearwater, Florida 33762-3818 • U.S.A.

**AUTHORIZED FEDERAL SCHEDULE SUPPLY PRICE LIST**

**GENERAL SERVICES ADMINISTRATION**

**Federal Supply Service**

**FSC Group 56, Part IV, Section A for Building and Construction Materials**

**FSC Class 56**

**Contract Number: G507F0187L**

**For More information on ordering from Federal Supply Schedules click on the FSS Schedules button at <http://www.fss.gsa.gov>.**

**Contract Period: MAY 01-2001 THROUGH APRIL 30, 2006**

**MSC Specialty Films, Inc.  
13770 Automobile Blvd.  
Clearwater, Fla. 33762  
Phone: (800) 282-9031  
Fax: (727) 540-0413 or (727) 540-0132**

**Large Business**

**MSC**

Specialty Films Inc.

A Division of The Dow Chemical Company

**GSA 2001 Price List**  
**\$5,000 - \$19,999**

Corporate HQ: 13770 Automobile Blvd., Clearwater, FL 33762 1-800-282-9031

**ARCHITECTURAL CDA-S**

FILM TYPE	36" X 100' 300 SQ.FT.		48" X 100' 400 SQ.FT.		60" X 100' 500 SQ.FT.		72" X 100" ** 600 SQ.FT.	
	ROLL	SQ.FT.	ROLL	SQ.FT.	ROLL	SQ.FT.	ROLL	SQ.FT.
<b>SIN # SPUTTERED 100 SERIES STAINLESS STEEL</b>								
563-15 STAINLESS STEEL 150	\$ 252.00	\$ 0.84	\$ 320.00	\$ 0.80	\$ 380.00	\$ 0.76	\$ 468.00	\$ 0.78
563-15 STAINLESS STEEL 160	\$ 252.00	\$ 0.84	\$ 320.00	\$ 0.80	\$ 380.00	\$ 0.76	\$ 468.00	\$ 0.78
563-15 STAINLESS STEEL 175	\$ 252.00	\$ 0.84	\$ 320.00	\$ 0.80	\$ 380.00	\$ 0.76	\$ 468.00	\$ 0.78
<b>SPUTTERED 100 SERIES COPPER &amp; STAINLESS STEEL</b>								
563-15 SOLAR BRONZE 150	\$ 255.00	\$ 0.85	\$ 324.00	\$ 0.81	\$ 385.00	\$ 0.77	N/A	
563-15 SOLAR BRONZE 165	\$ 255.00	\$ 0.85	\$ 324.00	\$ 0.81	\$ 385.00	\$ 0.77	\$ 474.00	\$ 0.79
563-15 SOLAR BRONZE 175	\$ 255.00	\$ 0.85	\$ 324.00	\$ 0.81	\$ 385.00	\$ 0.77	\$ 474.00	\$ 0.79
<b>SPUTTERED ALUMINUM SERIES</b>								
563-15 SILVER 80	\$ 219.00	\$ 0.73	\$ 276.00	\$ 0.69	\$ 325.00	\$ 0.65	\$ 402.00	\$ 0.67
563-15 SILVER 80	\$ 219.00	\$ 0.73	\$ 276.00	\$ 0.69	\$ 325.00	\$ 0.65	\$ 402.00	\$ 0.67
563-15 GREY/SILVER 85	\$ 228.00	\$ 0.76	\$ 288.00	\$ 0.72	\$ 340.00	\$ 0.68	N/A	
563-15 BRONZE/SILVER 85	\$ 228.00	\$ 0.76	\$ 288.00	\$ 0.72	\$ 340.00	\$ 0.68	N/A	
563-15 BRONZE/SILVER/BRONZE 90	\$ 279.00	\$ 0.93	\$ 356.00	\$ 0.89	\$ 425.00	\$ 0.85	N/A	

**ARCHITECTURAL PS**

FILM TYPE	36" X 100' 300 SQ.FT.		48" X 100' 400 SQ.FT.		60" X 100' 500 SQ.FT.	
	ROLL	SQ.FT.	ROLL	SQ.FT.	ROLL	SQ.FT.
<b>SIN # SPUTTERED 100 SERIES STAINLESS STEEL</b>						
563-15 STAINLESS STEEL 140	\$ 255.00	\$ 0.85	\$ 324.00	\$ 0.81	\$ 385.00	\$ 0.77
563-15 STAINLESS STEEL 150	\$ 255.00	\$ 0.85	\$ 324.00	\$ 0.81	\$ 385.00	\$ 0.77
563-15 STAINLESS STEEL 165	\$ 255.00	\$ 0.85	\$ 324.00	\$ 0.81	\$ 385.00	\$ 0.77
563-15 STAINLESS STEEL 175	\$ 255.00	\$ 0.85	\$ 324.00	\$ 0.81	\$ 385.00	\$ 0.77
563-15 STAINLESS STEEL 190	\$ 264.00	\$ 0.88	\$ 336.00	\$ 0.84	\$ 400.00	\$ 0.80
<b>SPUTTERED 100 SERIES COPPER &amp; STAINLESS STEEL</b>						
563-15 SOLAR BRONZE 150	\$ 258.00	\$ 0.86	\$ 328.00	\$ 0.82	\$ 390.00	\$ 0.78
563-15 SOLAR BRONZE 165	\$ 258.00	\$ 0.86	\$ 328.00	\$ 0.82	\$ 390.00	\$ 0.78
563-15 SOLAR BRONZE 175	\$ 258.00	\$ 0.86	\$ 328.00	\$ 0.82	\$ 390.00	\$ 0.78
<b>SPUTTERED ALUMINUM SERIES</b>						
563-15 SILVER 80	\$ 213.00	\$ 0.71	\$ 268.00	\$ 0.67	\$ 315.00	\$ 0.63
563-15 SILVER 80	\$ 213.00	\$ 0.71	\$ 268.00	\$ 0.67	\$ 315.00	\$ 0.63
563-15 GREY / SILVER 80	\$ 225.00	\$ 0.75	\$ 284.00	\$ 0.71	\$ 335.00	\$ 0.67
563-15 BRONZE / SILVER 80	\$ 225.00	\$ 0.75	\$ 284.00	\$ 0.71	\$ 335.00	\$ 0.67
563-15 GOLD / SILVER 80	N/A		N/A		\$ 340.00	\$ 0.68
563-15 GREY / SILVER / GREY 90	\$ 273.00	\$ 0.91	\$ 348.00	\$ 0.87	\$ 415.00	\$ 0.83
563-15 BLUE/SILVER 80 (55" Roll)	N/A		N/A		\$ 344.25	\$ 0.75
563-16 GREEN/SILVER 80 (55" Roll)	N/A		N/A		\$ 344.25	\$ 0.75
563-15 SUMMER WINTER 25	N/A		N/A		\$ 490.00	\$ 0.98

**SAFETY & SECURITY**

FILM TYPE	36" X 100' 300 SQ.FT.		48" X 100' 400 SQ.FT.		60" X 100' 500 SQ.FT.		72" X 100" ** 600 SQ.FT.	
	ROLL	SQ.FT.	ROLL	SQ.FT.	ROLL	SQ.FT.	ROLL	SQ.FT.
<b>SIN # ARMORGARD CLEAR SAFETY &amp; SECURITY</b>								
563-16 2 MIL CLEAR	N/A		N/A		\$ 315.00	\$ 0.63	N/A	
563-16 4 MIL CLEAR	\$ 228.00	\$ 0.76	\$ 288.00	\$ 0.72	\$ 340.00	\$ 0.68	\$ 420.00	\$ 0.70
563-16 7 MIL CLEAR	N/A		\$ 360.00	\$ 0.90	\$ 430.00	\$ 0.86	\$ 528.00	\$ 0.88
563-16 8 MIL CLEAR	N/A		N/A		\$ 515.00	\$ 1.03	N/A	
563-16 10 MIL CLEAR	N/A		N/A		\$ 665.00	\$ 1.37	N/A	
563-16 14 MIL CLEAR	N/A		N/A		\$ 920.00	\$ 1.84	N/A	
<b>ARMORGARD SOLAR SAFETY &amp; SECURITY</b>								
563-16 4 MIL STAINLESS STEEL 150	\$ 315.00	\$ 1.05	\$ 404.00	\$ 1.01	\$ 485.00	\$ 0.97	N/A	
563-16 4 MIL STAINLESS STEEL 165	\$ 315.00	\$ 1.05	\$ 404.00	\$ 1.01	\$ 485.00	\$ 0.97	N/A	
563-16 4 MIL STAINLESS STEEL 175	\$ 315.00	\$ 1.05	\$ 404.00	\$ 1.01	\$ 485.00	\$ 0.97	N/A	
563-16 4 MIL SOLAR BRONZE 150	\$ 318.00	\$ 1.06	\$ 408.00	\$ 1.02	\$ 490.00	\$ 0.98	N/A	
563-16 4 MIL SOLAR BRONZE 165	\$ 318.00	\$ 1.06	\$ 408.00	\$ 1.02	\$ 490.00	\$ 0.98	N/A	
563-16 4 MIL SOLAR BRONZE 175	\$ 318.00	\$ 1.06	\$ 408.00	\$ 1.02	\$ 490.00	\$ 0.98	N/A	
563-16 4 MIL SILVER 80	\$ 285.00	\$ 0.95	\$ 364.00	\$ 0.91	\$ 435.00	\$ 0.87	N/A	
563-16 8 MIL STAINLESS STEEL 150	N/A		N/A		\$ 640.00	\$ 1.28	N/A	
563-16 8 MIL STAINLESS STEEL 165	N/A		N/A		\$ 640.00	\$ 1.28	N/A	
563-16 8 MIL STAINLESS STEEL 175	N/A		N/A		\$ 640.00	\$ 1.28	N/A	
563-16 8 MIL SILVER 80	N/A		N/A		\$ 585.00	\$ 1.17	N/A	
563-16 10 MIL SILVER 80	N/A		N/A		\$ 785.00	\$ 1.57	N/A	
563-16 10 MIL STAINLESS STEEL 140	N/A		N/A		\$ 835.00	\$ 1.67	N/A	

\*\* Please check 72" availability prior to ordering.

**MSC**

Specialty Films Inc.

A National Instruments Company

**GSA 2001 Price List****\$20,000 & up**

Corporate HQ: 13770 Automobile Blvd., Clearwater, FL 33762 1-800-282-9031

**ARCHITECTURAL CDA-S**

FILM TYPE	36" X 100'		48" X 100'		60" X 100'		72" X 100' **	
	300 SQ.FT.		400 SQ.FT.		500 SQ.FT.		600 SQ.FT.	
	ROLL	SQ.FT.	ROLL	SQ.FT.	ROLL	SQ.FT.	ROLL	SQ.FT.
<b>SIN # SPUTTERED 100 SERIES STAINLESS STEEL</b>								
563-15 STAINLESS STEEL 150	\$ 234.00	\$ 0.78	\$ 296.00	\$ 0.74	\$ 350.00	\$ 0.70	\$ 432.00	\$ 0.72
563-15 STAINLESS STEEL 160	\$ 234.00	\$ 0.78	\$ 296.00	\$ 0.74	\$ 350.00	\$ 0.70	\$ 432.00	\$ 0.72
563-15 STAINLESS STEEL 175	\$ 234.00	\$ 0.78	\$ 296.00	\$ 0.74	\$ 350.00	\$ 0.70	\$ 432.00	\$ 0.72
<b>SPUTTERED 100 SERIES COPPER &amp; STAINLESS STEEL</b>								
563-15 SOLAR BRONZE 150	\$ 237.00	\$ 0.79	\$ 300.00	\$ 0.75	\$ 355.00	\$ 0.71		N/A
563-15 SOLAR BRONZE 165	\$ 237.00	\$ 0.79	\$ 300.00	\$ 0.75	\$ 355.00	\$ 0.71	\$ 438.00	\$ 0.73
563-15 SOLAR BRONZE 175	\$ 237.00	\$ 0.79	\$ 300.00	\$ 0.75	\$ 355.00	\$ 0.71	\$ 438.00	\$ 0.73
<b>SPUTTERED ALUMINUM SERIES</b>								
563-15 SILVER 60	\$ 201.00	\$ 0.67	\$ 252.00	\$ 0.63	\$ 295.00	\$ 0.59	\$ 366.00	\$ 0.61
563-15 SILVER 80	\$ 201.00	\$ 0.67	\$ 252.00	\$ 0.63	\$ 295.00	\$ 0.59	\$ 366.00	\$ 0.61
563-15 GREY/SILVER 85	\$ 210.00	\$ 0.70	\$ 264.00	\$ 0.66	\$ 310.00	\$ 0.62		N/A
563-15 BRONZE/SILVER 85	\$ 210.00	\$ 0.70	\$ 264.00	\$ 0.66	\$ 310.00	\$ 0.62		N/A
563-15 BRONZE/SILVER/BRONZE 90	\$ 261.00	\$ 0.87	\$ 332.00	\$ 0.83	\$ 395.00	\$ 0.79		N/A

**ARCHITECTURAL PS**

FILM TYPE	36" X 100'		48" X 100'		60" X 100'			
	300 SQ.FT.		400 SQ.FT.		500 SQ.FT.			
	ROLL	SQ.FT.	ROLL	SQ.FT.	ROLL	SQ.FT.		
<b>SIN # SPUTTERED 100 SERIES STAINLESS STEEL</b>								
563-15 STAINLESS STEEL 140			\$ 237.00	\$ 0.79	\$ 300.00	\$ 0.75	\$ 355.00	\$ 0.71
563-15 STAINLESS STEEL 150			\$ 237.00	\$ 0.79	\$ 300.00	\$ 0.75	\$ 355.00	\$ 0.71
563-15 STAINLESS STEEL 165			\$ 237.00	\$ 0.79	\$ 300.00	\$ 0.75	\$ 355.00	\$ 0.71
563-15 STAINLESS STEEL 175			\$ 237.00	\$ 0.79	\$ 300.00	\$ 0.75	\$ 355.00	\$ 0.71
563-15 STAINLESS STEEL 190			\$ 246.00	\$ 0.82	\$ 312.00	\$ 0.78	\$ 370.00	\$ 0.74
<b>SPUTTERED 100 SERIES COPPER &amp; STAINLESS STEEL</b>								
563-15 SOLAR BRONZE 150			\$ 240.00	\$ 0.80	\$ 304.00	\$ 0.76	\$ 360.00	\$ 0.72
563-15 SOLAR BRONZE 165			\$ 240.00	\$ 0.80	\$ 304.00	\$ 0.76	\$ 360.00	\$ 0.72
563-15 SOLAR BRONZE 175			\$ 240.00	\$ 0.80	\$ 304.00	\$ 0.76	\$ 360.00	\$ 0.72
<b>SPUTTERED ALUMINUM SERIES</b>								
563-15 SILVER 60			\$ 195.00	\$ 0.65	\$ 244.00	\$ 0.61	\$ 285.00	\$ 0.57
563-15 SILVER 80			\$ 195.00	\$ 0.65	\$ 244.00	\$ 0.61	\$ 285.00	\$ 0.57
563-15 GREY / SILVER 80			\$ 207.00	\$ 0.69	\$ 260.00	\$ 0.65	\$ 305.00	\$ 0.61
563-15 BRONZE / SILVER 80			\$ 207.00	\$ 0.69	\$ 260.00	\$ 0.65	\$ 305.00	\$ 0.61
563-15 GOLD / SILVER 80				N/A		N/A	\$ 310.00	\$ 0.62
563-15 GREY / SILVER / GREY 90			\$ 255.00	\$ 0.85	\$ 324.00	\$ 0.81	\$ 385.00	\$ 0.77
563-15 BLUE/SILVER 80 (55" Roll)				N/A		N/A	\$ 316.71	\$ 0.69
563-16 GREEN/SILVER 80 (55" Roll)				N/A		N/A	\$ 316.71	\$ 0.69
563-15 SUMMER WINTER 25				N/A		N/A	\$ 460.00	\$ 0.92

**SAFETY & SECURITY**

FILM TYPE	36" X 100'		48" X 100'		60" X 100'		72" X 100' **	
	300 SQ.FT.		400 SQ.FT.		500 SQ.FT.		600 SQ.FT.	
	ROLL	SQ.FT.	ROLL	SQ.FT.	ROLL	SQ.FT.	ROLL	SQ.FT.
<b>SIN # ARMORGARD CLEAR SAFETY &amp; SECURITY</b>								
563-16 2 MIL CLEAR		N/A		N/A	\$ 285.00	\$ 0.57		N/A
563-16 4 MIL CLEAR	\$ 210.00	\$ 0.70	\$ 284.00	\$ 0.66	\$ 310.00	\$ 0.62	\$ 384.00	\$ 0.64
563-16 7 MIL CLEAR		N/A	\$ 336.00	\$ 0.84	\$ 400.00	\$ 0.80	\$ 492.00	\$ 0.82
563-16 8 MIL CLEAR		N/A		N/A	\$ 485.00	\$ 0.97		N/A
563-16 10 MIL CLEAR		N/A		N/A	\$ 655.00	\$ 1.31		N/A
563-16 14 MIL CLEAR		N/A		N/A	\$ 890.00	\$ 1.78		N/A
<b>ARMORGARD SOLAR SAFETY &amp; SECURITY</b>								
563-16 4 MIL STAINLESS STEEL 150	\$ 297.00	\$ 0.99	\$ 380.00	\$ 0.95	\$ 455.00	\$ 0.91		N/A
563-16 4 MIL STAINLESS STEEL 165	\$ 297.00	\$ 0.99	\$ 380.00	\$ 0.95	\$ 455.00	\$ 0.91		N/A
563-16 4 MIL STAINLESS STEEL 175	\$ 297.00	\$ 0.99	\$ 380.00	\$ 0.95	\$ 455.00	\$ 0.91		N/A
563-16 4 MIL SOLAR BRONZE 150	\$ 300.00	\$ 1.00	\$ 384.00	\$ 0.96	\$ 460.00	\$ 0.92		N/A
563-16 4 MIL SOLAR BRONZE 165	\$ 300.00	\$ 1.00	\$ 384.00	\$ 0.96	\$ 460.00	\$ 0.92		N/A
563-16 4 MIL SOLAR BRONZE 175	\$ 300.00	\$ 1.00	\$ 384.00	\$ 0.96	\$ 460.00	\$ 0.92		N/A
563-16 4 MIL SILVER 80	\$ 267.00	\$ 0.89	\$ 340.00	\$ 0.85	\$ 405.00	\$ 0.81		N/A
563-16 8 MIL STAINLESS STEEL 150		N/A		N/A	\$ 610.00	\$ 1.22		N/A
563-16 8 MIL STAINLESS STEEL 165		N/A		N/A	\$ 610.00	\$ 1.22		N/A
563-16 8 MIL STAINLESS STEEL 175		N/A		N/A	\$ 610.00	\$ 1.22		N/A
563-16 8 MIL SILVER 80		N/A		N/A	\$ 555.00	\$ 1.11		N/A
563-16 10 MIL SILVER 80		N/A		N/A	\$ 755.00	\$ 1.51		N/A
563-16 10 MIL STAINLESS STEEL 140		N/A		N/A	\$ 805.00	\$ 1.61		N/A

\*\* Please check 72" availability prior to ordering.

## PRODUCT DESCRIPTION AND TERMS

- I. **Architectural CDA-S:** This refers to a line of films that are primarily reducing solar energy from entering the dwelling. The "CDA" designation refers to "Clear Dry Adhesive" which is used to adhere the film to the glass. The "CDA" aids in installation in that it is non-tacky and creates a chemical bond with the glass. This general category is broken down as:
1. **Sputtered 100 Series Stainless Steel:** This line of films incorporates a stainless steel metal in the film construction to reject solar energy. This film is available in varying levels of darkness and reflectivity depending upon your needs. The shading coefficients range from .41 to .67 and the light transmission (darkness) ranges from a low of 23% to a high of 50% for the CDA-S series. For the PS series these ranges are .29 to .75 for the shading coefficients and the light transmissions range from 9% to 58%. All these films will reduce the passage of UV rays to less than 2%.
  2. **Sputtered 100 Series Copper and Stainless Steel:** Very similar to the films above with the exception that a copper is added to the film to produce a pleasing bronze appearance where that color may be necessary. Available in shading coefficients from .27 to .46 with light transmissions ranging from 22% to 45%. These films also reduce the passage of UV rays to less than 2%. These products have excellent EMI shielding characteristics (Information available upon request).
  3. **Sputtered Aluminum Series:** This series of film is based upon using aluminum for the metal rather than the stainless steel and bronze. This series is slightly more effective at reflecting solar energy but has a more reflective appearance. In order to achieve the color desired a dyed film is combined with the metallic film. Available in gray, silver, gold and bronze. Shading coefficients range from .27 to .41 while light transmissions range from 10% to 34%. Two films, Bronze/Silver/Bronze and Gray/Silver/Gray have color on both sides to reduce interior reflection. The Summer/Winter 25 film has the ability of reflecting interior heat loss back into the room.
- II. **Architectural PS:** This refers to a line of films that are primarily designed for solar control properties. The "PS" designation refers to the "pressure sensitive" adhesive that mounts the film to the glass. This is a highly aggressive tacky adhesive that creates a mechanical bond to the glass. All the films listed above are available with this mounting adhesive.
- III. **Safety and Security:** This designation refers to films that are specifically designed for holding the glass together in case of breakage. This is due to the use of a highly aggressive pressure sensitive adhesive for mounting the film to the glass and a "cold laminating" technique where multiple plies are required. Many of these films have been tested to exacting impact requirements and have passed them. Some of these include ANSI Z-97.1\*, CPSC CFR-1201\* and the GSA Criteria for Bomb Blasts for Level C Buildings\*. Many of these films are constructed to provide solar energy reduction benefits.  
(\*Test data available upon request.)
- IV. **General:** All the films come with a hard coat on the "room side" to reduce the scratching associated with normal use and cleaning. The actual data for these films can be seen on pages 6 and 7.

**1. Identification of Lowest Priced Model**

Lowest Price Model for SIN 563-15

Rolls are 100' in Length

Type	Width	\$0 - \$ 4,999	\$ 5,000 - \$ 19,999	\$ 20,000 & Over
Silver 60	36"	\$ 248.00/roll	\$ 231.00/roll	\$ 213.00/roll

Lowest Price Model for SIN 563-16

	Width	\$ 0 - \$ 4,999	\$ 5,000 - \$ 19,999	\$ 20,000 & Over
2 Mil Clear	60"	\$ 374.00/roll	\$ 345.00/roll	\$ 315.00/roll
4 Mil Clear	36"	\$ 261.00/roll	\$ 249.00/roll	\$ 228.00/roll

2. Maximum Order: \$ 100,000.00
3. Minimum Order: \$ 100.00
4. Geographic Coverage: 48 Contiguous United States and Washington DC
5. Point of Production: Clearwater, Pinellas County, Florida
6. Discount from List Prices: None
7. Quantity Discounts: As Shown on Price List
8. Prompt Payment Terms: Net 30 Days
9. (a) Government Credit Cards Accepted: Yes  
(b) Government Credit Card Accepted above Micro-Purchase Threshold: Yes
10. Foreign Items: None
11. (a) Time of Delivery: 30 Days  
(b) Expedited Delivery: Available if Items are In Stock  
(c) Overnight and 2<sup>nd</sup> Day Delivery: Available with Additional Charge
12. FOB Points: Destination if In 48 Contiguous United States and Washington, DC
13. Ordering Address:  
  
MSC Specialty Films, Inc.  
13770 Automobile Blvd.  
Clearwater, Fla. 33762  
(800) 282-9031, Fax: (727) 540-0413, (727) 540-0132
14. Payment Address:  
  
Same as Above
15. Warranty Provision: 10 Years Limited Warranty on All Products
- 16 - 24: Not Applicable
25. DUNS Number: 087578472
26. Notification of Registration In CCR Database: Not Currently Registered

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**MSC****Specialty Films Inc.**

A Member of the American Cyanamid Company

**GSA 2001 Price List****\$0- \$4,999**

Corporate HQ: 13770 Automobile Blvd., Clearwater, FL 33762 1-800-282-9031

**ARCHITECTURAL CDA-S**

FILM TYPE	36" X 100' 300 SQ.FT.		48" X 100' 400 SQ.FT.		60" X 100' 500 SQ.FT.		72" X 100' ** 600 SQ.FT.	
	ROLL	SQ.FT.	ROLL	SQ.FT.	ROLL	SQ.FT.	ROLL	SQ.FT.
<b>SPUTTERED 100 SERIES STAINLESS STEEL</b>								
563-15 STAINLESS STEEL 150	\$ 264.00	\$ 0.88	\$ 336.00	\$ 0.84	\$ 400.00	\$ 0.80	\$ 492.00	\$ 0.82
563-15 STAINLESS STEEL 160	\$ 264.00	\$ 0.88	\$ 336.00	\$ 0.84	\$ 400.00	\$ 0.80	\$ 492.00	\$ 0.82
563-15 STAINLESS STEEL 175	\$ 264.00	\$ 0.88	\$ 336.00	\$ 0.84	\$ 400.00	\$ 0.80	\$ 492.00	\$ 0.82
<b>SPUTTERED 100 SERIES COPPER &amp; STAINLESS STEEL</b>								
563-15 SOLAR BRONZE 150	\$ 267.00	\$ 0.89	\$ 340.00	\$ 0.85	\$ 405.00	\$ 0.81	N/A	
563-15 SOLAR BRONZE 165	\$ 267.00	\$ 0.89	\$ 340.00	\$ 0.85	\$ 405.00	\$ 0.81	\$ 498.00	\$ 0.83
563-15 SOLAR BRONZE 175	\$ 267.00	\$ 0.89	\$ 340.00	\$ 0.85	\$ 405.00	\$ 0.81	\$ 498.00	\$ 0.83
<b>SPUTTERED ALUMINUM SERIES</b>								
563-15 SILVER 60	\$ 231.00	\$ 0.77	\$ 292.00	\$ 0.73	\$ 345.00	\$ 0.69	\$ 426.00	\$ 0.71
563-15 SILVER 80	\$ 231.00	\$ 0.77	\$ 292.00	\$ 0.73	\$ 345.00	\$ 0.69	\$ 426.00	\$ 0.71
563-15 GREY/SILVER 85	\$ 240.00	\$ 0.80	\$ 304.00	\$ 0.76	\$ 360.00	\$ 0.72	N/A	
563-15 BRONZE/SILVER 85	\$ 240.00	\$ 0.80	\$ 304.00	\$ 0.76	\$ 360.00	\$ 0.72	N/A	
563-15 BRONZE/SILVER/BRONZE 90	\$ 291.00	\$ 0.97	\$ 372.00	\$ 0.93	\$ 445.00	\$ 0.89	N/A	

**ARCHITECTURAL PS**

FILM TYPE	36" X 100' 300 SQ.FT.		48" X 100' 400 SQ.FT.		60" X 100' 500 SQ.FT.		72" X 100' ** 600 SQ.FT.	
	ROLL	SQ.FT.	ROLL	SQ.FT.	ROLL	SQ.FT.	ROLL	SQ.FT.
<b>SPUTTERED 100 SERIES STAINLESS STEEL</b>								
563-15 STAINLESS STEEL 140			\$ 267.00	\$ 0.89	\$ 340.00	\$ 0.85	\$ 405.00	\$ 0.81
563-15 STAINLESS STEEL 150			\$ 267.00	\$ 0.89	\$ 340.00	\$ 0.85	\$ 405.00	\$ 0.81
563-15 STAINLESS STEEL 165			\$ 267.00	\$ 0.89	\$ 340.00	\$ 0.85	\$ 405.00	\$ 0.81
563-15 STAINLESS STEEL 175			\$ 267.00	\$ 0.89	\$ 340.00	\$ 0.85	\$ 405.00	\$ 0.81
563-15 STAINLESS STEEL 190			\$ 276.00	\$ 0.92	\$ 352.00	\$ 0.88	\$ 420.00	\$ 0.84
<b>SPUTTERED 100 SERIES COPPER &amp; STAINLESS STEEL</b>								
563-15 SOLAR BRONZE 150			\$ 270.00	\$ 0.90	\$ 344.00	\$ 0.86	\$ 410.00	\$ 0.82
563-15 SOLAR BRONZE 165			\$ 270.00	\$ 0.90	\$ 344.00	\$ 0.86	\$ 410.00	\$ 0.82
563-15 SOLAR BRONZE 175			\$ 270.00	\$ 0.90	\$ 344.00	\$ 0.86	\$ 410.00	\$ 0.82
<b>SPUTTERED ALUMINUM SERIES</b>								
563-15 SILVER 60			\$ 225.00	\$ 0.75	\$ 284.00	\$ 0.71	\$ 335.00	\$ 0.67
563-15 SILVER 80			\$ 225.00	\$ 0.75	\$ 284.00	\$ 0.71	\$ 335.00	\$ 0.67
563-15 GREY / SILVER 80			\$ 237.00	\$ 0.79	\$ 300.00	\$ 0.75	\$ 355.00	\$ 0.71
563-15 BRONZE / SILVER 80			\$ 237.00	\$ 0.79	\$ 300.00	\$ 0.75	\$ 355.00	\$ 0.71
563-15 GOLD / SILVER 80			N/A		N/A		\$ 360.00	\$ 0.72
563-15 GREY / SILVER / GREY 90			\$ 285.00	\$ 0.95	\$ 364.00	\$ 0.91	\$ 435.00	\$ 0.87
563-15 BLUE/SILVER 80 (55" Roll)			N/A		N/A		\$ 362.61	\$ 0.79
563-16 GREEN/SILVER 80 (55" Roll)			N/A		N/A		\$ 362.61	\$ 0.79
563-15 SUMMER WINTER 25			N/A		N/A		\$ 510.00	\$ 1.02

**SAFETY & SECURITY**

FILM TYPE	36" X 100' 300 SQ.FT.		48" X 100' 400 SQ.FT.		60" X 100' 500 SQ.FT.		72" X 100' ** 600 SQ.FT.	
	ROLL	SQ.FT.	ROLL	SQ.FT.	ROLL	SQ.FT.	ROLL	SQ.FT.
<b>ARMORGARD CLEAR SAFETY &amp; SECURITY</b>								
563-16 2 MIL CLEAR		N/A		N/A	\$ 335.00	\$ 0.67		N/A
563-16 4 MIL CLEAR	\$ 240.00	\$ 0.80	\$ 304.00	\$ 0.76	\$ 360.00	\$ 0.72	\$ 444.00	\$ 0.74
563-16 7 MIL CLEAR		N/A	\$ 376.00	\$ 0.94	\$ 450.00	\$ 0.90	\$ 552.00	\$ 0.92
563-16 8 MIL CLEAR		N/A		N/A	\$ 535.00	\$ 1.07		N/A
563-16 10 MIL CLEAR		N/A		N/A	\$ 705.00	\$ 1.41		N/A
563-16 14 MIL CLEAR		N/A		N/A	\$ 940.00	\$ 1.88		N/A
<b>ARMORGARD SOLAR SAFETY &amp; SECURITY</b>								
563-16 4 MIL STAINLESS STEEL 150	\$ 327.00	\$ 1.09	\$ 420.00	\$ 1.05	\$ 505.00	\$ 1.01		N/A
563-16 4 MIL STAINLESS STEEL 165	\$ 327.00	\$ 1.09	\$ 420.00	\$ 1.05	\$ 505.00	\$ 1.01		N/A
563-16 4 MIL STAINLESS STEEL 175	\$ 327.00	\$ 1.09	\$ 420.00	\$ 1.05	\$ 505.00	\$ 1.01		N/A
563-16 4 MIL SOLAR BRONZE 150	\$ 330.00	\$ 1.10	\$ 424.00	\$ 1.06	\$ 510.00	\$ 1.02		N/A
563-16 4 MIL SOLAR BRONZE 165	\$ 330.00	\$ 1.10	\$ 424.00	\$ 1.06	\$ 510.00	\$ 1.02		N/A
563-16 4 MIL SOLAR BRONZE 175	\$ 330.00	\$ 1.10	\$ 424.00	\$ 1.06	\$ 510.00	\$ 1.02		N/A
563-16 4 MIL SILVER 80	\$ 297.00	\$ 0.99	\$ 380.00	\$ 0.95	\$ 455.00	\$ 0.91		N/A
563-16 8 MIL STAINLESS STEEL 150		N/A		N/A	\$ 660.00	\$ 1.32		N/A
563-16 8 MIL STAINLESS STEEL 165		N/A		N/A	\$ 680.00	\$ 1.32		N/A
563-16 8 MIL STAINLESS STEEL 175		N/A		N/A	\$ 680.00	\$ 1.32		N/A
563-16 8 MIL SILVER 80		N/A		N/A	\$ 605.00	\$ 1.21		N/A
563-16 10 MIL SILVER 80		N/A		N/A	\$ 805.00	\$ 1.61		N/A
563-16 10 MIL STAINLESS STEEL 140		N/A		N/A	\$ 855.00	\$ 1.71		N/A

\*\* Please check 72" availability prior to ordering.