SIGNATURE PHASE
FINAL ACQUISITION ACTION APPROVAL

AQCK AO: ~~Maj~~ Walters 4 Col PHONE: 588-7080

TITLE: Strategic Sourcing Initiative w/ BAE, NG and Raytheon

NUMBER 02-JA-041

This Final Acquisition Action Approval has completed the Coordination Phase. It is ready for signature. Please call the SAF/AQCK action officer if you have any questions. You may also call the AQCK action officer for pick up.

ROUTING SEQUENCE

OFFICE	SAF/AQCK	SAF/AQC	SAF/AQ
INITIALS	mmc	Clark T.	[illegible]
DATE	3 Sep 02	14 Nov 02	11/22

JS(4)

SUMMARY

To *Assistant Secretary of the Air Force (Acquisition)*

Reference No.: 02-JA-041

Program Name and Short Description: Strategic Sourcing Initiative with BAE Systems, Northrop Grumman and Raytheon Company

This class J&A is for a unique initiative supported by AFMC to establish broad based "corporate contracts' to best leverage buying efficiencies across the ALCs, and eventually DLA. The resulting contracts will also incentivize timely support to the warfighter and are consistent with the AFMC-wide effort to establish innovative, long-term strategic sourcing agreements with our suppliers. The aggregated dollar value of the acquisition under this J&A is approximately $2.5B and includes AF, DLA and FMS requirements.

The acquisition proposed under this FAR 6.302-1 J&A is for four 10 year corporate contracts to procure spares, repairs and engineering services from one of three identified sole source providers for support of electronic warfare and avionics systems. The participating sole source contractors are BAE Systems, Northrop Grumman (NG) and Raytheon Company.

Warner-Robins is the lead procurer for electronic, miscellaneous communication and radio communication systems. Within these categories, Federal Stock Class (FSC) 5895 was identified as most critical and was selected to be the initiating FSC for the contracts to be covered under this J&A. BAE, Northrop and Raytheon are the highest volume and dollar suppliers. The initial four contracts awarded to these three suppliers will focus on this FSC and a list of these items (by NSN) to be awarded initially will be part of the basic contract and will be identified to industry in a FedBiz Opps synopsis. However the intent is to ultimately subsume all spares, repairs, engineering services and data identified as sole source to the respective supplier and bounded by an FSC list to be part of the contract. This will occur through several iterations of contract modifications, identified by Warner-Robins as successive "Spirals". Designation of spares as "sole source" will follow procedures IAW DFARS Appendix, DoD Spares Breakout Program. Repair items will be identified by the WR-ALC Sole Source Repair Process which incorporates 50/50 and Source of Repair Assignment Process statutory requirements.

A variety of contract pricing arrangements are contemplated with a goal to establish firm fixed prices for all repairs, spares and data prior to contract completion. Contracts will include an award fee to incentivize cost control and timely delivery. Decentralized ordering will be authorized under ID/IQ type

contracts. There will be two assigned PCOs for the effort. One PCO will be responsible for three of the four contracts: one each with BAE, Northrop and Raytheon Electronic Systems Division. The second PCO will be responsible for the fourth contract with Raytheon's other divisions.

BAE, NG and Raytheon have been determined to be the only responsible sources for the items categorized under this J&A. Sources sought synopses were issued on 15 Mar 2002 and 10 May 2002. No other offerors responded. Additional synopses will be issued prior to the addition of items to the catalogs.

Dollar Value: $2.5B

Issues and Resolution:
None

Recommendation:
ASAF(A) sign the JRD at Tab 1.

Action Officer:
Lt Col Anna Walters
SAF/AQCA

Charlie E. Williams, Jr.
Associate Deputy Assistant
Secretary (Contracting)
Assistant Secretary (Acquisition)

Date: 14 Nov 02

Attachments
1) 02-JA-041 with JRD, Basic Contract NSN List and FSC List
2) GCQ Coord

JUSTIFICATION REVIEW DOCUMENT
FOR OTHER THAN FULL AND OPEN COMPETITION

AFMC CONTRACTING ACTIVITY: WR-ALC/LNKC, WR-ALC/LYKB
PROGRAM/PROGRAM ELEMENT: Strategic Sourcing Initiative with BAE Systems, Northrop Grumman, and Raytheon Company
TYPE PROGRAM: Other Contracting
PROGRAM COST ESTIMATE: $2.5 Billion
AUTHORITY: 10 U.S.C. 2304(c)(1), as implemented by FAR 6.302-1
TYPE J&A: Class

CONTRACTING OFFICERS: 5/16/02
Fran P. Austin — Date Signed
WR-ALC/LNKC
DSN: 468-0940 COM: 478-926-0940

16 May 02
Marsha R. Denning — Date Signed
WR-ALC/LYKB
DSN: 468-0942 COM: 478-926-0942

PROGRAM MANAGERS: 16 May 02
Alan D. Beasley, Maj, USAF — Date Signed
WR-ALC/LN-1
DSN: 468-0940 COM: 478-926-0940

16 MAY 02
Launce L. Burgan — Date Signed
WR-ALC/LYRG
DSN: 468-0942 COM: 478-926-0942

DIRECTOR, ELECTRONIC WARFARE 17 MAY 02
Douglas W. Anderson, Colonel, USAF — Date Signed
WR-ALC/LN
DSN: 468-3371 COM: 478-926-3371

ACTING DIRECTOR,
AVIONICS MANAGEMENT _____ 30 May 02
W. M. Cromer Date Signed
WR-ALC/LY
DSN: 468-3363 COM: 478-926-3363

LOCAL LEGAL REVIEWER: _____ 5 JUN 02
James C. Caine Date Signed
WR-ALC/JAN
DSN: 468-3961 COM: 478-926-3961

COMPETITION ADVOCATE: _____ 6 Jun 02
Kathy B. Cames Date Signed
WR-ALC/PKP
DSN: 468-2604 COM: 478-926-2604

SENIOR CENTER
CONTRACTING OFFICIAL: _____ 18 JUN 02
For Patsy J. Reeves, SES Date Signed
WR-ALC/PK
DSN: 468-3916 COM: 478-926-3916

WR-ALC COMMANDER: _____ 3 Jul 02
Donald J. Wetekam, Maj Gen, USAF Date Signed
WR-ALC/CC
DSN: 468-2121 COM: 478-926-2121

Assistant Secretary
of the Air Force
(Acquisition): _____ 22 Nov 01
MARVIN R. SAMBUR Date Signed
Assistant Secretary of the Air Force
(Acquisition)
DSN: 227-6361 COM: 703-697-6361

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION

I. Contracting Organization:

Fran P. Austin
Contracting Officer
WR-ALC/LNKC
Electronic Warfare Management Directorate
265 Perry St
Robins AFB, GA 31098-1607

Marsha R. Denning
Contracting Officer
WR-ALC/LYKB
Avionics Management Directorate
380 Richard Ray Blvd
Robins AFB, GA 31098-1638

II. Description of Action

A. This class Justification and Approval (J&A) authorizes the use of other than full and open competition procedures for the acquisition of spares, repairs, associated engineering services, and data. Four contracts are anticipated with three contractors, BAE Systems, Northrop Grumman, and Raytheon. These parts support various platforms. Requirements are in support of the Department of Defense (DoD) and Foreign Military Sales (FMS). The core requirement will be executed in the initial contract awards with two follow-on spirals over a ten-year period. These justifications for other than full and open competition are combined because they are all the result of the AFMC strategic sourcing initiative – developing comprehensive supplier relationships through a disciplined, systematic process of effectively purchasing materials, products and services to make the supply chain more effective and efficient in support of the warfighter. In order to achieve this goal, seven categories of items were identified as readiness drivers by AFMC. WR-ALC manages the bulk of the items in three of the categories - electronic, miscellaneous, and radio communication systems. Within these groups, Federal Stock Class (FSC) 5895, miscellaneous communication equipment, was identified as the most critical in terms of numbers of items and dollar value. Therefore, this stock class was used as our starting point and BAE, Northrop Grumman, and Raytheon were identified as the highest volume and dollar amount suppliers. Thinking strategically in a sole source environment led to conclusions that having a contract with each contractor for any item determined to be sole source would greatly decrease the administrative burden of hundreds of contracts and provide buying power leverage with the companies for which the government is in a sole source situation.

B. The focus of the initial contract awards for the BAE Systems and Northrop Grumman contracts will be the FSC 5895 National Stock Numbers (NSNs) and related spares, repairs, associated engineering services, and data. The initial awards for each of the two Raytheon contracts will include all U.S. Air Force sole source spares within the FSCs described in Attachment A procured from those facilities. The Raytheon ESD contract will also include repair requirements.

C. This acquisition will use the tenets of Evolutionary Acquisition by developing and fielding an initial capability and then developing and fielding additional capabilities in successive increments. Spiral one is estimated to be in place 12-24 months after contract award. It will include additional FSCs described in Attachment A and DLA items within those FSCs on the BAE, Northrop Grumman, and Raytheon ESD contracts. Spiral one will also complete coverage of all sole source AF items (spares, repair, and associated engineering services and data) from

other Raytheon facilities. addition, it is our goal to include electror ›rdering capabilities in spiral one. Spiral two will be implemented 24-30 months after contract award to add any remaining sole source items within the FSCs described in Attachment A to the BAE and Northrop Grumman corporate contracts and DLA items to the Raytheon corporate contract. Inclusion of DLA items is, in all cases, dependent upon DLA's agreement.

D. A variety of contract pricing arrangements will be used because of the variety of items involved. The goal is to incorporate fixed prices for all spares and repairs prior to the completion of the contracts. The contracts will include an award fee, premium pay, or some other type of incentive approach, which will be used to improve deliveries. Decentralized ordering will be authorized under an Indefinite Delivery, Indefinite Quantity (ID/IQ) type contract. This type contract is considered appropriate for these acquisitions because the Government anticipates recurring requirements, but cannot predetermine the precise quantities of supplies that will be needed. This type of contract will allow the flexibility to purchase items as they are required. The dollar value of this proposed acquisition is approximately $2.5 billion over the entire ordering period. An Amendment to this J&A shall be accomplished when the dollar value of the obligated amount on the four contracts exceeds ten percent (10%)of this approximated value.

E. The contemplated contractual action for each source is a ten-year contract. Placing sole source requirements on one contract to each corporate entity with a ten-year duration will provide the DoD maximum support capability through continuous contract coverage without interruptions in support necessitated by individual procurements. If, at any time during the contract, an organic source of repair is qualified, the repair of that item will be removed from the contract unless both sources of repair are needed to support the item's demand. Dual sources of repair will be utilized if the repair capacity is needed and is advantageous to the government. Additionally, if an item's competitive posture changes during the contract period, it will be removed from the contract.

F. The estimated contract amounts are shown in the following chart. The estimates for spares and repairs were derived using three-year parts and repair forecasts and procurement history. The engineering services estimates are based on previous experience. The forecasts were adjusted to reflect an estimate for a ten-year period of performance and the addition of other FSCs, contractor facilities, and Defense Logistics Agency (DLA) requirements.

$ in millions	Spares	Repairs	Engr Svcs	Totals
BAE Systems	$ 81.20	$ 224.00	$ 15.26	$ 320.46
Northrop Grumman	$ 138.80	$ 534.80	$ 33.68	$ 707.28
Raytheon Elect Sys Div	$ 395.30	$ 8.40	$ 20.19	$ 423.89
Raytheon, All Others	$ 875.00	$ 149.90	$ 25.00	$ 1,049.90
TOTALS	$ 1,490.30	$ 917.10	$ 94.13	**$ 2,501.53**

Within this total, the estimated U.S. Air Force requirements are:

$ in millions	Spares	Repairs	Engr Svcs	Totals
BAE Systems	$ 50.70	$ 224.00	$ 15.26	$ 289.96
Northrop Grumman	$ 86.80	$ 534.80	$ 33.68	$ 655.28
Raytheon Elect Sys Div	$ 395.30	$ 8.40	$ 20.19	$ 423.89
Raytheon, All Others	$ 302.00	$ 149.90	$ 25.00	$ 476.90
TOTALS	$ 834.80	$ 917.10	$ 94.13	**$ 1,846.03**

The scope of this requirement encompasses all spares, repairs, associated engineering services, and data that are sole source to BAE Systems, Northrop Grumman, and Raytheon for a ten-year time period beginning with contract award.

III. Description of Supplies/Services

A. Only those items that are sole source to BAE Systems, Northrop Grumman, or Raytheon, the prime manufacturers, and that fall within one of the FSC categories listed in Attachment A will be purchased under these contracts. Items will have a current Acquisition Method Code (AMC) of 3, 4, or 5 assigned in accordance with the DoD Spare Parts Breakout Program, as outlined in DFARS, Appendix E. This Appendix sets forth procedures to screen and code parts on the basis of available reprocurement data and potential sources of supply.

B. The items to be purchased and repaired in the initial contracts include various categories of electronic items, such as receivers, transmitters, microcircuits, and circuit card assemblies. Attachment B is the list of items intended to be priced at the time of award of the initial contract and is representative of the items to be acquired under these contracts. Additional items within the FSC categories will be priced and incorporated into a catalog over the ten-year period of the contracts. Only those spares items that have been screened and assigned an AMC of 3, 4 or 5 will be included in the catalog. The Procuring Contracting Officers and the local Competition Advocate will certify that all the items added to the catalog meet the sole source criteria established in this J&A and that the screening process is conducted for the catalogued items in accordance with DFARS Appendix E. This certification, with an attached list of the items added to the contracts during the year, will be maintained in the contract file. Other categories may be added after the initial awards with an appropriate and current AMC as cited in paragraph A above. Before other items are added, the Procuring Contracting Officer and the local Competition Advocate will ensure that the items to be procured have a current AMC of 3, 4, or 5 and that the items to be repaired are determined sole source through the process described in paragraph C below.

C. Repair items will be identified by the Sole Source Repair Selection Process, which incorporates 50/50 and Source of Repair Assignment Process statutory requirements. This sole source repair selection process will ensure that only sole source contract repair items are placed on these contracts. Research of repair sources will consist of AFMC 761 screening of DoD vendor breakout, reviews of procurement history, reviews of the D043 Master Item Identification Control System, and reviews of the Execution and Prioritization of Repair Support System (EXPRESS) as appropriate. If an NSN is organically repaired but there are capacity problems hampering support of the warfighter, the appropriate system Integrated Product Team (IPT) will determine if the item should become dual-sourced. The Competition Advocate from the requiring activity will validate the sole source classification for all repair items. Attachment B, titled: Justification for Sole Source Repair Screening Sheet, shall be utilized for documenting this process.

D. The scope of the contracts includes engineering services pertaining to only those items that have been previously identified as sole source to BAE, Northrop Grumman or Raytheon and are included on the contracts. Engineering efforts will include, but not be limited to, identifying and correcting obsolete parts and vanishing vendors issues; performing engineering analyses; prototyping; performing reliability and maintainability improvements; and providing engineering data. As the designer, developer and manufacturer of the items to be supported, only BAE, Northrop Grumman and Raytheon are uniquely qualified to provide the government with engineering services for their respective items.

E. These contract .ll be designed to create a flexible long-te business relationship in order to improve contractor investment and performance, reduce acquisition lead-time and costs, as well as eliminate repetitive pricing of high volume items.

F. Electronic ordering per a web-based catalog is a goal for these contracts and will be incorporated as soon as practicable. Items will be prepriced in the catalog based on a negotiated Formula Pricing Agreement or some other form of pricing agreement acceptable to both the government and contractor. Although WR-ALC will consolidate the requirements, as well as award and administer the contract, all other customers will be able to place their own orders against the contract.

G. The following table outlines the main evolutionary requirements for this acquisition through the use of spirals as described in paragraph II.C.

	BAE Systems	**Northrop Grumman**	**Raytheon, Electronic Systems Division**	**Raytheon, All Other Facilities**
Initial	FSC 5895 and related items for spares, repairs, associated engineering services, and data	FSC 5895 and related items for spares, repairs, associated engineering services, and data	All NSNs for spares, repairs, associated engineering services, and data	Ft Wayne, IN facility spares, engineering services, and data
Spiral 1 (12-24 months after contract award)	Addition of other FSC NSNs and DLA Items; Electronic Ordering	Addition of other FSC NSNs and DLA Items; Electronic Ordering	DLA items as appropriate Electronic Ordering	Spares and repairs at all facilities Electronic Ordering
Spiral 2 (24-30 months after contract award)*	Inclusion of remaining FSC NSNs and DLA items	Inclusion of remaining FSC NSNs and DLA items	N/A	Inclusion of remaining FSC NSNs and DLA items

*Note: Discussions have been initiated with DLA and it is anticipated that a collaborative strategy, allowing AFMC and DLA to jointly leverage their buying power, will be developed during the core acquisitions and substantially implemented by the end of Spiral 1.

IV. Statutory Authority

10 USC 2304(c)(1), as implemented by FAR 6.302-1, Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements.

V. Applicability of Authority

The companies identified in this document are the only responsible sources with the necessary design and manufacturing data capable of providing supplies and services that meet the necessary minimum requirements for form, fit, and function. Only these companies can provide this corporate knowledge. The cost of procuring data in pursuit of establishing a competitive source would result in a substantial duplication of cost to the Government that would likely not be recovered. All of the AMCs assigned to the items to be included in these contracts are sole source and the majority fall into one of the following categories: 3B – Must be bought from source specified on a source control drawing; 3H – The Government does not have sufficient, accurate, or legible data; 3P – Rights to use the data are not owned by the Government; or

3R – The Government do. ,ot own the data and it is uneconomical tc rchase. Previous acquisitions demonstrate that although they were advertised/synopsized, other contractors have not shown an interest in providing these supplies and services.

VI. Efforts to Obtain Competition

These requirements have been synopsized on the Federal Business Opportunities (FedBizOpps) web page. The prime contractors may have a need to qualify new sources of supply for certain parts. It is anticipated that the sources having an interest in subcontracting may be identified through the FedBizOpps.

VII. Fair and Reasonable Costs

The contracting officers will ensure that each item contemplated for acquisition is purchased at a fair and reasonable cost to the government. Negotiations will be conducted using certified cost and pricing data for FAR Part 15 acquisitions. Other than cost and pricing data and/or price analysis will be utilized for FAR Part 12 acquisitions. The data collected will be analyzed utilizing Defense Contract Management Agency and Defense Contract Audit Agency expertise.

VIII. Market Research

A. Each requirement purchased under this contract will be individually reviewed to ensure that BAE Systems, Northrop Grumman, or Raytheon is the only approved source that can meet the requirement. Market research will consist of AFMC 761 screening for DoD vendor breakout, reviews of procurement history, and reviews of the DO43 Master Item Identification Control System. All of the items will have sole source AMCs or will have passed the repair screening process defined above.

B. The AFMC 761 screening process assigns the appropriate AMC in accordance with DFARS Appendix E. This process provides the procuring activity with the documentation to either purchase the item through competitive solicitation, or indicates the lack of documentation needed for a competitive solicitation. The process has many steps and is accomplished by personnel completely skilled and knowledgeable in either the electronic or mechanical field, and in engineering drawings and related documentation with which to develop, document, and assign an accurate AMC. There are many possible impediments which impact competitive solicitation. The technician reviews the data on an item and may find that there are: missing, incomplete, or illegible engineering drawings; proprietary rights by the original manufacturer; restrictive distribution codes; source control drawings; missing loft data; missing or unreadable MYLARS (drawings on a stable based material); inadequately defined test requirements; and/or unavailable master tooling. These inadequacies restrict or prohibit competitive solicitation.

C. Some of the supplies and services to be included on the Raytheon (All Other Facilities) contract have been determined to be commercial. Therefore, the contract will contain both FAR Part 12 and FAR Part 15 terms and conditions. Further determinations of additional commercial items will be made prior to issuance of individual delivery orders.

IX. Other Facts

At the present time, BAE Systems, Northrop Grumman, and Raytheon are the only approved sources. Failure to obtain the supplies and services requested in this action will adversely impact the DoD mission, and will further increase high priority requirements due to extended lead times for processing individual contractual actions.

X. Interested Sources

No contractors have expressed an interest in the supplies and services to be included in these contracts as a result of these synopses. At the present time the only known sources are:

BAE Systems
Nashua, New Hampshire

Northrop Grumman
Baltimore, Maryland

Raytheon Company
Fort Wayne, Indiana

Raytheon Electronic Systems Division
Goleta, California

XI. Steps to Foster Competition

These acquisitions have been synopsized as a notice of contract action in the FedBizOpps. All items will be synopsized by NSN and part number prior to incorporation into the contract. To the best of our knowledge, the contractors listed above are the only sources that can provide the items and/or services described in this Class J&A document. If at any point during the contract period, a potential offeror expresses interest in providing these parts, repairs, and/or associated engineering services, we will evaluate accordingly.

XII. Contracting Officers' Certification

The Contracting Officers' signatures on the Justification Review Document evidence that they have determined this document to be both accurate and complete to the best of their knowledge and belief.

XIII Technical/Requirements Personnel's Certification

As evidenced by their signatures on the Justification Review Document, the technical and/or requirements personnel have certified that any supporting data contained herein, which is their responsibility, is both accurate and complete.

Attachments:
A. FSC List
B. Initial Award Item List
C. Repair Screening Sheet

Attachment A
Applicable Federal Stock Classes (FSC)

FSC	DESCRIPTION
12	Fire Control Equipment
1210	Fire Control Directors
1220	Fire Control Computing Sights and Devices
1240	Optical Sight and Range Equipment
1250	Fire Control Stabilizing Mechanisms
1260	Fire Control Designating and Indicating Equipment
1265	Fire Control Transmitting and Receiving Equipment, Except Airborne
1270	Aircraft Gunnery Fire Control Components
1280	Aircraft Bombing Fire Control Components
1285	Fire Control Radar Equipment, Except Airborne
1287	Fire Control Sonar Equipment
1290	Miscellaneous Fire Control Equipment
13	Ammunition and Explosives
1325	Bombs
1370	Pyrotechnics
1377	Cartridge and Propellant Actuated Devices and Components
14	Guided Missile Equipment
1410	Guided Missiles
1420	Guided Missile Components
1427	Guided Missile Subsystems
1430	Guided Missile Remote Control Systems
1440	Launchers, Guided Missile
1450	Guided Missile Handling and Servicing Equipment
15	Aircraft and Airframe Structural Components
1560	Airframe Structural Components
16	Aircraft and Airframe Structural Components
1615	Helicopter Rotor Blades, Drive Mechanisms and Components

1620	Aircraft Landing Gear Components
1660	Aircraft Air Conditioning, Heat and Pressurizing Equipment
1680	Miscellaneous Aircraft Accessories and Components
17	Aircraft Launching, Landing, and Ground-Handling Equipment
1730	Aircraft and Space Vehicle Ground-Handling and Servicing Equipment
28	Engines, Turbines, and Components
2835	Gas Turbines and Jet Engines, Aircraft and Components
30	Mechanical Power Transmission Equipment
3040	Miscellaneous Power Transmission Equipment
40	Rope, Cable, Chain, and Fittings
4010	Chain and Wire Rope
42	Fire Fighting, Rescue, and Safety Equipment
4240	Safety and Rescue Equipment
43	Pumps and Compressors
4310	Compressors and Vacuum Pumps
4320	Power and Hand Pumps
4330	Centrifugal, Separators, and Pressure and Vacuum Filters
47	Pipe, Tubing, Hose, and Fittings
4720	Hose and Tubing, Flexible
4730	Fittings and Specialties
49	Maintenance and Repair Shop Equipment
4920	Aircraft Maintenance and Rep Shop Specialized Equipment
4925	Ammo Maintenance, Rep and Checkout Specialized Equipment
4940	Miscellaneous Maintenance and Repair Shop Specialized Equipment
53	Hardware and Abrasives
5341	Brackets
58	Communication Equipment
5820	Radio and TV Communications Equipment, Except Airborne
5821	Radio and TV Communications Equipment, Airborne
5825	Radio and Navigation Equipment, Except Airborne
5826	Radio Navigation Equipment, Airborne
5830	Intercom and PA Systems, Except Airborne

5831	Telecommunications and PA Systems, Airborne
5835	Sound Recording and Reproducing Equipment
5836	Video Recording and Reproducing Equipment
5840	Radar Equipment, Except Airborne
5841	Radar Equipment, Airborne
5845	Underwater Sound Equipment
5850	Visible and Invisible Light Communications Equipment
5855	Night Vision Equipment, Emitted and Reflected Radiation
5860	Simulated Coherent Radiation Devices, Components, and Accessories
5865	Elect Countermeasures, Counter Countermeasures and Quick Reaction Capability Equipment
5895	Miscellaneous Communication Equipment
59	Electrical and Electronic Equipment Components
5905	Resistors
5910	Capacitors
5915	Filters and Networks
5920	Fuses, Arrestors, Absorbers and Protectors
5925	Circuit Breakers
5930	Switches
5935	Connectors, Electrical
5940	Lugs, Terminals, Terminal Strips
5945	Relays, Solenoids
5950	Coils, Transformers
5955	Oscillators, Piezoelectric Crystals
5960	Electron Tubes and Associated Hardware
5961	Simiconductor Devices and Associated Hardware
5962	Microcircuits, Electronic
5963	Electronic Modules
5965	Headsets, Handsets, Microphones, Speakers
5970	Electrical Insulators and Insulating Materials
5975	Electric Hardware, Supplies
5977	Elect Contact Brushes, Electrodes

5980	Optoelectronic Devices and Assoc Hardware
5985	Antennas, Waveguides, Related Equipment
5990	Synchros and Resolvers
5995	Cable, Cord, Wire Assemblies; Communications Equipment
5996	Amplifiers
5998	Electrical, Electronic Assemblies; Boards, Cards, Assoc Hardware
5999	Miscellaneous Electrical and Electronic Components
60	Fiber Optics Materials, Components, Assemblies, and Accessories
6070	Fiber Optic Accessories and Supplies
61	Electric Wire, Power, and Distribution Equipment
6105	Motors, Electrical
6110	Electrical Control Equipment
6130	Converters, Electrical, Nonrotating
6135	Batteries, Nonrechargeable
6140	Batteries, Rechargeable
6145	Wire and Cable, Elect
6150	Miscellaneous Elect Power and Distribution Equipment
62	Lighting Fixtures and Lamps
6220	Electric Vehicular Lights and Fixtures
66	Instruments and Laboratory Equipment
6605	Navigational Instruments
6610	Flight Instruments
6615	Auto Pilot Mechanisms and Airborne Gyro Components
6625	Electrical and Electronic Propulsion Measuring, Test Instruments
6650	Optical Instruments, Test Equipment, Components and Accessories
6695	Combination and Miscellaneous Instruments
70	ADPE (Including Firmware), Software, Supplies, and Support Equipment
7010	ADPE Systems Configuration
7025	ADP Input/Output and Storage Devices
7050	ADP Components

Attachment B
Initial Award Item List

NSN	NOUN	PART NUMBER
PRODUCTION ITEMS		
1375013559060	FIRING DEVICE	902007-801
5820011925383	BACKLIGHT DRIVER	812933-801
5820012566681	RECEIVER-TRANSMITTER	914868-801
5820012915415RY	RADIO SET	707123-805
5820012915416RY	R/T RADIO	706738-804
5820014233960	RECEIVER-TRANSMITTER	729458-802
5821005704365	RECEIVER	919403-801
5821010350464EW	RECEIVER	636R100G01
5821011355727	RECEIVER	918845-821
5821011945289BY	CASE, AMPLIFIER	67-03623-001
5821012287058	RECEIVER-TRANSMITTER	707650-801
5821013063385	RECEIVER-TRANSMITTER	707698-802
5821013115105	RADIO SET CONTROL	900114-806
5821013117551BY	RADIO SET CONTROL	707793-807
5821013123525	RECEIVER-TRANSMITTER	900101-807
5821013527209	R/T RADIO	901974-806
5821014317528	RECEIVER, RADIO	724966-801
5821014683891BY	SYNTHESIZER	726349-801
5821014884222BY	RECEIVER-TRANSMITTER	902716-807
5821014903911XZ	RECEIVER-TRANSMITTER	902740-801
5821014989833XZ	RECEIVER-TRANSMITTER	902718-807
5865004341295	RECEIVER-TRANSMITTER	510116-803
5865004484830	KEY BASKET ASSY	510116-802
5865005317646	KEY BASKET ASSY	510116-807
5865005317670	KEY BASKET ASSY	510116-806
5865005317709	KEY BASKET ASSY	510116-805
5865012682863EW	RECEIVER	0198078-1
5865014186979EW	MODULATOR	150-034756-001
5865014792456EW	CHASSIS	G555770-2
5865014811841EW	MAGAZINE	G555563-4
5865014956674	DASH 7 DECOY	3094AS110-7
5895003340047	DUPLEXER	C460-441
5895005305264	ANT WINDOW	50001
5895006056182	TUNING UNIT	058-001042-004
5895007946060	INDICATOR	501R337G01
5895008970051	TUNING UNIT	150-000867
5895010418912	MOUNT	151430
5895010885739	ISOLATOR	582R073H01
5895011187652	PARTS KIT	323475-1
5895011531976	INTERCONNECTOR	2161D85G01
5895011545556	PROGRAMMER	7437A10H01
5895011645965	COVER	34-066616-01
5895011843654EK	IF ASSY	759R618G01
5895011898227	DUPLEXER	586R393H01
5895011949756	TUNED CAVITY SUBASSY	67-03575-002
5895012088609	MODULATOR	120169-001
5895012417626EW	MIXER STAGE	037-003066-001

5895012677705EW	CONVERTER	0498036-1
5895012677728EW	LIMITER	0498037-1
5895013047591	INTERCONNE	150-028700-001
5895013112865	INDICATOR PANEL	721912-807
5895013123507	FREQ SELECTOR CONTROL	816190-807
5895014090740RY	CONTROL PANEL	729456-801
5895014108371	SIGNAL DATA CONVERTER	815596-803
5895014584177BY	CONVERTER, SIGNAL DATA	01-01557-004
5895014889318	HOUSING	660256-801
5905008288113	RESISTOR	225006-49
5905013489960	RESISTOR	228092-3
5910001215772	CAPACITOR	258245-3
5915008121974	FILTER, RADIO FREQ	03-00500-000
5915008557299	FILTER, BANDPASS	08-00144-000
5930011408423	SWITCH ASSY	811070-801
5935010059812	ELECTRICAL CONNECTOR COVER	185649-2
5935011851007	CABLE CLAMP ADAPTER	513770-1
5935012520521	ELECTRICAL CONNECTOR COVER	812187-805
5950013701874	TRANSFORMER	305201-1
5955014746491BY	CRYSTAL OSCILLATOR	707676-807
5961010238042	TRANSISTOR	95-00146-001
5961011851778	TRANSISTOR	615467-905
5961012128011	TRANSISTOR	20-00743-003
5961012642208	TRANSISTOR	619506-204
5962004875061	MICROCIRCUIT	619659-901
5962004875085	MICROCIRCUIT	619617-901
5962010043894	MICROCIRCUIT	619597-901
5962010970558	MICROCIRCUIT	626159-902
5962010970584	MICROCIRCUIT	616194-901
5962011932836	MICROCIRCUIT	616000-902
5962013589640	MICROCIRCUIT	649118-901
5962013949432	MICROCIRCUIT	A3110788-001
5962014546121	MICROCIRCUIT	726267-801
5963013024205EW	CONVERTER	037-004065-001
5975014484899EW	RACK	G555566-2
5980014533370	DISPLAY	336680-801
5985000533157	ANTENNA	01-00780-001
5985004438569	ANTENNA ASSY	917893-801
5985004692941	DIPLEXER	917976-801
5985011990846EW	ANTENNA ASSY	757R230G02
5985013849807EW	ANTENNA	0164035-1
5995005759726BY	WIRING HARNESS	466840-801
5995005759727BY	WIRING HARNESS	466841-801
5995010129577BY	WIRING HARNESS	467016-801
5995011872754BY	CABLE ASSY	466840-823
5995011872755BY	CABLE ASSY	466841-822
5995013363571EW	WIRING HARNESS	G134108-2
5996000012773	AMPLIFIER	917896-801
5996012874143EW	AMPLIFIER	0462018-6
5996013451134EW	AMPLIFIER	001-007089-011
5996014811850	AMPLIFIER	725691-802
5998012363735EW	BACKPLANE	318557-000

5998012693649BY	CIRCUIT CARD ASSY	816192-801
5998012756645	CIRCUIT CARD ASSY	A3030431
5998013021327EW	CCA	150-032208-002
5998013021329EW	CCA	150-031993-003
5998013428782RY	DATA CONV MODULE	914861-803
5998013938347BY	CIRCUIT CARD ASSY	817981-801
5998014110948RY	CIRCUIT CARD ASSY	729447-801
5998014110950RY	CIRCUIT CARD ASSY	729448-801
5998014112901	CIRCUIT CARD ASSY	729446-801
5998014298009EW	CCA	150-034776-001
5998014482591BY	CIRCUIT CARD ASSY	724963-802
5998014484049BY	RECEIVER	724685-801
5998014631002BY	CIRCUIT CARD ASSY	724963-804
5998014670131BY	CIRCUIT CARD ASSY	726378-801
5998014684396BY	CIRCUIT CARD ASSY	726313-801
5998014711323BY	CIRCUIT CARD ASSY	726799-801
5998014838270BY	CIRCUIT CARD ASSY	815889-803
5998014840678BY	CIRCUIT CARD ASSY	816153-804
5999005317654	ELECTRICAL EQUIPMENT CHASSIS	918453-801
5999012173748CW	COOLER, AIR, ELEC	900074-801
5999012979494	ELECTRICAL EQUIPMENT HARNESS	627473-1
6070011350231RY	TEST EQUIPMENT	707293
6070011916889	CABLE REEL	348494-1
6130012562085BY	POWER SUPPLY	535493-1
6145011281156	CABLE, SPECIAL PURPOSE	31-00285-115
6625012430464RY	TEST EQUIPMENT	707292-801

REPAIR ITEMS

4920010290366EW	TEST SET	01-P09797J001
5821010350464EW	RECEIVER	636R100G01
5821012399984EW	FAULT TESTER	0062001-3
5865010296751EW	COUPLER	243261-925
5865012664261EW	OSC GROUP	7333708G1
5865012682863EW	RECEIVER	0198078-1
5865012689675EW	GENERATOR	7333890G1
5865012704027EW	OSC GROUP	7333810G2
5865013827270EW	CHANNELIZER	333322-002
5865014186979EW	MODULATOR	150-034756-001
5865014483035EW	CONTROL	G55563-3
5865014492050EW	CONTROL	3410AS100-3
5865014497586	DASH 4 DECOY	3094AS110-4
5865014792456EW	CHASSIS	G555770-2
5865014792457EW	DISPENSER	G555769-2
5865014793512EW	MAGAZINE	G556363-1
5865014811841EW	MAGAZINE	G555563-4
5865014857504EW	MAGAZINE	G556363-5
5865014956674AQ	DASH 7 DECOY	309AS110-7
5895004775597EW	MIXER STAG	226514-001
5895004775936EW	MULTIPLEXE	243086-000
5895005236362EW	GENERATOR	243043-000
5895011803034CX	PROCESSOR	122987-112
5895011807463EK	TRANSMITTER	762R337G01

5895011809218IS	FREQUENCY	364D540G01
5895011821104IS	RECEIVER	645A570A01
5895011843654EK	IF ASSY	759R618G01
5895012118074EW	TRANSMITTER	150-028448-001
5895012417626EW	MIXER STAGE	037-003066-001
5895012426632BY	CONVERTER	124618-18
5895012474534EW	AMPLIFIER	7333704G1
5895012488610EW	MIXER STAG	7333702G1
5895012651094EW	AMPLIFIER	7333703G1
5895012677705EW	CONVERTER	0498036-1
5895012677728EW	LIMITER	0498037-1
5895013551147FW	RECEIVER	123991-1
5895013834052FW	TRANSPONDER	159000-7
5895014373071EW	DETECTOR	150-030532-002
5895014410114CX	PROCESSOR	122987-119
5895014431208IS	KEYBOARD	252031-100
5895014467839EW	CONTROL	001-006977-019
5895014790799BY	INTERROGAT	1003001G30
5915012677199EW	PHASE SHIFTER	0198090-1
5963013024205EW	CONVERTER	037-004065-001
5985011950990EW	ANTENNA ASSY	757R230G01
5985011990846EW	ANTENNA ASSY	757R230G02
5985012177376EW	ANTENNA	0072001-2
5985012177425EW	ANTENNA	0073001-2
5985012241115EW	CIRCULATOR	0198006-1
5985012241116EW	CIRCULATOR	00198035-1
5985012249016EW	CIRCULATOR	0198055-1
5985012387922EW	CONTROL	0061001-2
5985012404223EW	ANTENNA	0063001-3
5985012404224EW	ANTENNA	0064001-5
5985012564284EW	RF SWITCH	0085001-8
5985013354937EW	ANTENNA	0074002-3
5995013476462EW	CABLE ASSY	273049P1
5996012474407EW	AMPLIFIER	7333705G1
5996012695443EW	SYNTHESIZER	7333711G2
5996012874143EW	AMPLIFIER	0462018-6
5996013449278EW	PHASE SHIFTER	0198080-1
5996013451134EW	AMPLIFIER	001-007089-011
5998004775923EW	ELEC COMP	237798-000
5998004775933EW	ELEC COMP	241120-000
5998004775938EW	ELEC COMP	243057-000
5998005236555EW	CIRCUIT CARD	237892-915
5998011609428EK	CIRCUIT CARD	5810260G1
5998011809618EW	WIRING BOARD	303342-000
5998011938937BY	CIRCUIT CARD	130201-10
5998011938940CX	CIRCUIT CARD	130204-10
5998011999871CX	CIRCUIT CARD	130208-11
5998012147381KV	CIRCUIT CARD	2115280-302
5998012151755KV	CIRCUIT CARD	3203115-002
5998012151756KV	CIRCUIT CARD	2116510-301
5998012151760KV	CIRCUIT CARD	3203225-004
5998012151797KV	CIRCUIT CARD	3203085-003

5998012151798KV	CIRCUIT CARD	3203090-002
5998012153734KV	CIRCUIT CARD	3203205-002
5998012247847EW	CIRCUIT CARD ASSY	G255070-1
5998012248916EW	CIRCUIT CARD ASSY	G255073-1
5998012499487KV	CIRCUIT CARD	2115040-301
5998012499488KV	CIRCUIT CARD	2115075-301
5998012562091EW	ELEC COMP	7333716G1
5998012580272CX	ELEC COMP	123512-3
5998012693569EW	ELEC COMP	7333717G3
5998012728815KV	CIRCUIT CARD	2116125-301
5998013021327EW	CIRCUIT CARD ASSY	150-032208-002
5998013021329EW	CIRCUIT CARD ASSY	150-031993
5998013075231EW	MOTHERBOARD	71128-306-02
5998013396837EW	PRINTED WIRE	G386006-1
6130013996861EW	POWER SUPPLY	150-032492-009

JUSTIFICATION FOR SOLE SOURCE REPAIR SCREENING SHEET

Repairs _____ Strategic Sourcing Corporate Contract
Contractor's Name

Purchase Item Description:

_____ _____ _____
NSN P/N Noun

Market Research: Research of repair source reveals:

AFMC 761 AMC: _____
Sources from Procurement History: _____
D043 Master Item Identification Control System CAGE code: _____
Execution and Prioritization of Repair Support System (EXPRESS) Control number or 206 assigned: Yes _____ No _____

Subject NSN is/is not organically repaired and does/does not present capacity problems. If an NSN is organically repaired but there are capacity problems hampering support of the warfighter, the appropriate system IPT will determine if the item should become dual-sourced

Validation of Sole Source Classification: The repair items identified herein have been determined to be sole source to _____. The end item repair data is not available. None of these items have established qualification procedures. _____ is the only source qualified to repair the items. In the event an additional source becomes qualified to repair an item covered under this contract as a result of reverse engineering or by purchase of the data from _____, the source shall be identified with proper documentation showing source approval and the item will be deleted from the contract.

CERTIFICATION: I hereby certify that the above information is complete and accurate.

_____ _____
(Name) Date
Program Manager

_____ _____
(Name) Date
Contracting Officer

Approval:

_____ _____
Competition Advocate Date
Over $500K

Attachment C