REQUEST FOR QUOTATION (THIS IS NOT AN ORDER)

THIS RFQ [X] IS [ ] IS NOT A SMALL BUSINESS SET-ASIDE

1. REQUEST NO.	2. DATE ISSUED	3. REQUISITION/PURCHASE REQUEST NO.	4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG.1 →	RATING
F42630-01-Q-23938	15 MAY 2001	FD2020-01-23938		DO: A1

5a. ISSUED BY
DEPARTMENT OF THE AIR FORCE
DIRECTORATE OF CONTRACTING
OO-ALC/LIK BLDG 1215
6050 GUM LANE
HILL AIR FORCE BASE UT 84056-25
BUYER: Kathy Telford/LIKL
kathy.telford@hill.af.mil
NO COLLECT CALLS: (801) 777- 6760 FACSIMILE NUMBER: (801) 777-5805

CODE: FA8203

6. DELIVERY BY (Date)
SEE SCHEDULE

SCD:C

5b. FOR INFORMATION CALL (NO COLLECT CALLS)

NAME	TELEPHONE NUMBER	
	AREA CODE	NUMBER
Kathy Telford	(801)	777-6760

7. DELIVERY
[ ] FOB DESTINATION [X] OTHER (See Schedule)

8. TO

a. NAME	b. COMPANY	
c. STREET ADDRESS		
d. CITY	e. STATE	f. ZIP CODE

9. DESTINATION

a. NAME OF CONSIGNEE	
b. STREET ADDRESS	
c. CITY	
d. STATE	e. ZIP CODE

10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5A ON OR BEFORE CLOSE OF BUSINESS (Date) 08 JUN 2001

IMPORTANT: This is a request for information, and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5A. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or services. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotations must be completed by the quoter.

11. SCHEDULE (Include applicable Federal, State and local taxes)

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
	SEE SCHEDULE **THIS IS AN EXTREMELY URGENT REQUIREMENT CONCERNING PUBLIC EXIGENCY.**				
	NAICS CODE: **336413** SIZE STD: **1,000** **RESTRICTED SOURCES:**				

12. DISCOUNT FOR PROMPT PAYMENT →	a. 10 CALENDAR DAYS (%)	b. 20 CALENDAR DAYS (%)	c. 30 CALENDAR DAYS (%)	d. CALENDAR DAYS NUMBER	PERCENTAGE

NOTE: Additional provisions and representations [X] are [ ] are not attached.

13. NAME AND ADDRESS OF QUOTER			14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION	15. DATE OF QUOTATION
a. NAME OF QUOTER				
b. STREET ADDRESS			16. SIGNER	
c. COUNTY			a. NAME (Type or print)	b. TELEPHONE AREA CODE
d. CITY	e. STATE		c. TITLE (Type or print)	NUMBER

AUTHORIZED FOR LOCAL REPRODUCTION
Previous edition not usable

STANDARD FORM 18 (Rev. 6-95)
Prescribed by GSA - FAR (48 CFR) 53.215-1(a)

FOLD FOLD

FROM:

AFFIX STAMP HERE

TO:

DEPARTMENT OF THE AIR FORCE
DIRECTORATE OF CONTRACTING
OO-ALC/LIK BLDG 1215
6050 GUM LANE
HILL AIR FORCE BASE UT 84056-25
BUYER: Kathy Telford/LIKL
kathy.telford@hill.af.mil
NO COLLECT CALLS: (801) 777- 6760 FACSIMILE NUMBER: (801) 777-5805

SOLICITATION NO. **F4263001Q23938**

DATE AND LOCAL TIME - -,

SUPPLIES OR SERVICES AND PRICES/COSTS

Item No.		QTY	U/I	UNIT PRICE	TOTAL PRICE
0001	Firm Fixed Price	66	EA	$	$

NSN: 1620-00-356-1678

LATCH,AY,UPPER

Manufacturer	Part Number
65933	4G52417-113A
Purchase Request(s)	**PR Line Item(s)**
FD2020-01-23938	0001

ACRN: AA $

Inspection: Origin
Acceptance: Origin
Inspection/Acceptance Report: DD250 Required
Applicability: C-5 GALAXY
Buy American Act/Balance of Payments Program
Physical Item Markings: IAW MIL-STD-130

☐ **Transportation From Continental United States CONUS (CONUS) Sources**

SHIP TO	F.O.B.
AFB2029	ORIGIN

Ship To	PACRN	Mark For
FB2029	PAA	Account 09

	Ship To	Quantity (U/I)	Specified Date	Req No / Pri
Required Delivery	FB2029	2 EA	30 JUN 2001	NON-MILSTRIP --
		8 EA	30 SEP 2001	
		56 EA	30 JUN 2002	
Proposed Delivery	FB2029	2 EA		
		8 EA		
		56 EA		

SHIP TO / PLACE OF PERFORMANCE

CODE: FB2029

DDHU HILL FACILITY
CENTRAL RECEIVING BLDG 849W
5851 F AVE

HILL AFB, UT 84056-5713

MARK FOR: (See Individual Line Item)
REQUISITION NUMBER: (See Individual Line Item)
REQUISITION PRIORITY: (See Individual Line Item)
CONTRACT NUMBER:

CONTRACT CLAUSES

252.204-7003 **CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT** (APR 1992)
(IAW DFARS 204.404-70(b))

252.204-7004 **REQUIRED CENTRAL CONTRACTOR REGISTRATION** (MAR 2000)
(IAW DFARS 204.7304)

52.209-1 **QUALIFICATION REQUIREMENTS** (FEB 1995)
(IAW FAR 9.206-2)

(a) **Definition:** "Qualification Requirement," as used in this clause, means a Government requirement for testing or other quality assurance demonstration that must be completed before award.

(b) One or more qualification requirements apply to the supplies or services covered by this contract. For those supplies or services requiring qualification, whether the covered product or service is an end item, the product, manufacturer, or source must have demonstrated that it meets the standards prescribed for qualification before award of this contract. The product, manufacturer, or source must be qualified at the time of award whether or not the name of the product, manufacturer, or source is actually included on a qualified products list, qualified manufacturers list, or qualified bidders list. Offerors should contact the agency activity designated below to obtain all requirements that they or their products or services, or their subcontractors or their products or services, must satisfy to become qualified and to arrange for an opportunity to demonstrate their abilities to meet the standards specified for qualification.

Item No	Agency Name/Address
0001	OO-ALC KATHY TELFORD 6050 GUM LANE HILL AFB, UT 84056-5825 (801) 777-6760 kathy.telford@hill.af.mil

(c) If an offeror, manufacturer, source, product or service covered by a qualification requirement has already met the standards specified, the relevant information noted below should be provided.

Offeror's Name _____
Manufacturer's Name _____
Source's Name _____
Item Name _____
Service Identification _____
Test Number _____ (to the extent known)

(d) Even though a product or service subject to a qualification requirement is not itself an end item under this contract, the product, manufacturer, or source must nevertheless be qualified at the time of award of this contract. This is necessary whether the Contractor or a subcontractor will ultimately provide the product or service in question. If, after award, the Contracting Officer discovers that an applicable qualification requirement was not in fact met at the time of award, the Contracting Officer may either terminate this contract for default or allow performance to continue if adequate consideration is offered and the action is determined to be otherwise in the Government's best interests.

(e) If an offeror, manufacturer, source, product, or service has met the qualification requirement but is not yet on a qualified products list, qualified manufacturers list, or qualified bidders list, the offeror must submit evidence of qualification prior to award of this contract. Unless determined to be in the Government's interest, award of this contract shall not be delayed to permit an offeror to submit evidence of qualification.

(f) Any change in location or ownership of the plant where a previously qualified product or service was manufactured or performed requires reevaluation of the qualification. Similarly, any change in location or ownership of a previously qualified manufacturer or source requires reevaluation of the qualification. The reevaluation must be accomplished before the date of award.

52.211-5 **MATERIAL REQUIREMENTS** (AUG 2000)
(IAW FAR 11.304)

52.211-8 **TIME OF DELIVERY** (JUN 1997)
(IAW FAR 11.404(a)(2))

(a) The Government requires delivery to be made according to the following schedule:

DELIVERY FOR EACH ITEM IS ANNOTATED IN THE SCHEDULE (PART I SECTION B) UNDER EACH LINE ITEM.

The Government will evaluate equally, as regards time of delivery, offers that propose delivery of each quantity within the applicable delivery period specified above. Offers that propose delivery that will not clearly fall within the applicable required delivery period specified above, will be considered nonresponsive and rejected. The Government reserves the right to award under either the required delivery schedule or the proposed delivery schedule, when an offeror offers an earlier delivery schedule than required above. If the offeror proposes no other delivery schedule, the required delivery schedule above will apply.

ANNOTATE YOUR PROPOSED DELIVERY, IF ANY, UNDER THE GOVERNMENT'S DELIVERY SET FORTH UNDER EACH ITEM IN THE SCHEDULE.

(b) Attention is directed to the Contract Award provision of the solicitation that provides that a written award or acceptance of offer mailed, or otherwise furnished to the successful offeror, results in a binding contract. The Government will mail or otherwise furnish to the offeror an award or notice of award not later than the day award is dated. Therefore, the offeror should compute the time available for performance beginning with the actual date of award, rather than the date the written notice of award is received from the Contracting Officer through the ordinary mails. However, the Government will evaluate an offer that proposes delivery based on the Contractor's date of receipt of the contract or notice of award by adding (i) five calendar days for delivery of the award through the ordinary mails, or (ii) one working day if the solicitation states that the contract or notice of award will be transmitted electronically. (The term "working day" excludes weekends and U.S. Federal holidays.) If, as so computed, the offered delivery date is later than the required delivery date, the offer will be considered nonresponsive and rejected.

52.211-8 **TIME OF DELIVERY -- ALTERNATE I** (APR 1984)
(IAW FAR 11.404(a)(2))

If the delivery schedule is expressed in terms of specific calendar dates or specific periods and is based on an assumed date of award, the contracting officer may substitute the following paragraph (b) for paragraph (b) of the basic clause. The time may be expressed by substituting "on or before"; "during the months ..."; or "not sooner than ... or later than ..." as headings for the third column of paragraph (a) the basic clause.

(b) The delivery dates or specific periods above are based on the assumption that the Government will make award by ___*___. Each delivery date in the delivery schedule above will be extended by the number of calendar days after the above date that the contract is in fact awarded. Attention is directed to the Contract Award provision of the solicitation that provides that a written award or acceptance of offer mailed or otherwise furnished to the successful offeror results in a binding contract. Therefore, the offeror should compute the time available for performance beginning with the actual date of award, rather than the date the written notice of award is received from the Contracting Officer through the ordinary mails.

*Item No	*Delivery Number	*Government will make award by

52.211-15 **DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS** (SEP 1990)
(IAW FAR 11.604(b))

252.211-7005 **SUBSTITUTIONS FOR MILITARY OR FEDERAL SPECIFICATIONS AND STANDARDS**
(AUG 2000)
(IAW DFARS 211.273-4)

(b) Offerors are encouraged to propose SPI processes in lieu of military or Federal specifications and standards cited in the solicitation. A listing of SPI processes accepted at specific facilities is available via the Internet in PDF format at http://www.dcmc.hq.dla.mil/dcmc_o/oc/spi/files/dbreport/files/modified.pdf and in Excel format at http://www.dcmc.hq.dla.mil/dcmc_o/oc/spi/files/dbreport/files/modified.xls.

(d) (Offeror insert information for each SPI process)

SPI Process: _____

Facility: _____

Military or Federal Specification or Standard: _____

Affected Contract Line Item Number, Subline Item Number, Component, or Element:
_____
_____

ITEM IDENTIFICATION MARKING AND SHELF LIFE ITEM PROVISIONS (FEB 1998)
(IAW AFMCI 23-102 Part 2 Chapter 6 Paragraph 6.3)

Requirements set forth below shall apply to any contract issued thereon and will take precedence over other inconsistent requirements herewith. All standards, bulletins, and publications referenced herein shall be of the issue in effect on the date of this document.

1. PHYSICAL MARKING OF ITEMS:

MIL-STD-130 (FEB 1998)

MIL-STD-130: Items shall be marked in accordance with MIL-STD-130. The National Stock Number (NSN), and when assigned, the Configuration Item Identifier (CII), serial number, and military type designation information shall be marked on major assemblies, units, groups, and sets. Special attention must be given to requirements governing the application of the actual manufacturer's Federal Supply Code for Manufacturers (FSCM) to the physical item. Items which are excluded in accordance with paragraph 1.1 of MIL-STD-130, revision J, shall be marked in accordance with the appropriate document.

PACKAGE AND CONTAINER MARKING (FEB 1998)

2. PACKAGE AND CONTAINER MARKING: Shipments will not be made until the NSN has been assigned, unless specifically authorized by the Contracting Officer.

MIL-STD-129/ASTM-D-3951:

a. Interior packages and shipping containers shall be marked in accordance with MIL-STD-129 when Military packing is
specified and ASTM-D-3951 when commercial packaging is specified. The requirements of paragraph 2.h apply regardless of which packaging is utilized.

(1) Design manufacturer's name, trademark or manufacturer's code (from Cataloging Handbook H4-1 or H4-2), identifying number, and serial number, when applicable, shall be included in the identification marking.

(2) When applicable, the Air Force project designator code shall be included as the last line of the address marking and the project name related to the project code shall be marked in the clear on the exterior shipping container.

b. Tags and labels, when required, shall be contractor's tags or labels conforming to the requirements of MIL-STD-129 or as approved by the procuring activity. Contractor's forms which indicate serviceable condition shall not be any shade of green or red. Labels are authorized to be used on metal containers. Items requiring technical order (T.O.) certification shall be annotated on inner and outer container tags or label with T.O. compliance.

c. When dummy containers are used in a unitized load, the dummy containers shall be clearly marked "DUMMY CONTAINER" and located in the load so that the marking will be plainly visible to receiving and storage personnel.

d. All interior packages and shipping containers for articles and materials classified as hazardous or restricted under provisions of Title 49, Code of Federal Regulations, or AFR 71-4/DLAM 4145.3/TM 38-250/NAVSUP PUB 505/MCO P 4030.19 shall be marked, regardless of exemption for mode of transportation, with proper shipping name of item; flash point of all liquids having a flash point of 200 degrees F. or below; and percentage concentration of acids and corrosive liquids. In addition, the quantity of each hazardous or restricted material included in a container shall be annotated adjacent to the shipping name of the item, e.g., Acetic Acid (80% concentration) -- 1 qt.

e. On shipments of firearms regardless of mode of transportation, selected elements of identification and contractor data markings shall be omitted or obliterated in accordance with the requirements of MIL-STD-129 regarding sensitive items and packing lists shall be placed only inside the containers.

f. Special markings for packages and containers when specified on AFMC Form 158 shall be complied with as a part of MIL-STD-129.

g. All special coated terneplate containers shall be marked with the legend "CAUTION--DO NOT REUSE AS FOOD CONTAINERS."

h. Bar code markings in accordance with MIL-STD-129 and MIL-STD-1189 shall apply to all units, intermediate and exterior containers for all items going into stock regardless of package size or levels of package specified (including commercial packaging). In addition to the NSN/NATO stock number, the exterior shipping container shall include the 13 digit contract number (plus, if applicable, the four digit call number). Excluded from Bar Code Marking are:

(1) Foreign Military Sales.
(2) Direct Vendor Delivery (DVD)/Government Furnished Equipment (GFE) shipments.
(3) Multipack Exterior Shipping Containers. (Unit and intermediate containers do require a bar coded NSN/NATO stock number. However, the next container (unit or intermediate) inside the multipack will also require a bar coded NSN/NATO stock number and contract number with call number, if applicable, in the lower right hand corner).
(4) All unpacked or uncrated items; e.g., vehicles, tires, etc.

i. Shipments of wheeled items weighing 2,000 pounds or more and scheduled for transportation by military aircraft will be marked with the individual axle weights in accordance with MIL-STD-129.

3. WARRANTED ITEMS: When the contract contains warranty requirements, warranty information shall be applied on containers and items as follows:

a. Container markings shall be as specified in MIL-STD-129. The period or conditions of the warranty shall be specifically stated, i.e., landings, flight hours, operating hours, days from shipping date, etc.

b. Items shall be marked in accordance with requirements of MIL-STD-130. Markings shall be located in a manner so as to be conspicuous to the person removing the item from service. When no deleterious effect or functional degradation is caused, the markings shall be black letters on yellow FED-STD-595 color 13655) background. The marking shall include the same period or condition required on the containers.

SHELF LIFE ITEMS (FEB 1998)

4. SHELF LIFE ITEMS

a. MARKING

(1) Shelf life items shall be marked in accordance with MIL-STD-129.
(2) Mark items controlled in MIL-STD-1523, or in specifications furnished as a part of the contract or purchase order, with the cure or assembly dates specified therein.

b. DELIVERY. Unless specified otherwise in the contract, shelf life items shall have a minimum of 90% of the "storage period" remaining at the time of delivery to the Government.

52.213-4 **TERMS AND CONDITIONS--SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL ITEMS)** (FEB 2001)
(IAW FAR 13.302-5(d))

The full text of a clause may be accessed electronically at this/these address(es): Regulations URLs: (Click on the appropriate regulation.)
http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/fardfars/far/far1toc.htm
http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/fardfars/dfars/dfar1toc.htm
http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/af_afmc/affars/affar1toc.htm
http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/af_afmc/afmcfars/afmc1toc.htm

NOTE: After selecting the appropriate regulation above, at the "Table of Contents" page conduct a search for the desired regulation reference, using your browser's **FIND** function. When located, click on the **regulation reference** (hyperlink).

(Paragraph (b)(1)(viii), FAR 52.225-1. Buy American Act--Balance of Payments Program--Supplies (Feb 2000) is not applicable to DoD)

52.222-21 **PROHIBITION OF SEGREGATED FACILITIES** (FEB 1999)
(IAW FAR 22.810(a)(1))

52.223-11 **OZONE-DEPLETING SUBSTANCES** (JUN 1996)
(IAW FAR 23.804(a))

(a) Definition. "Ozone-depleting substance", as used in this clause, means any substance designated as Class I by the Environmental Protection Agency (EPA) (40 CFR Part 82), including but not limited to chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or any substance designated as Class II by EPA (40 CFR Part 82), including but not limited to hydrochlorofluorocarbons.

(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j(b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

WARNING

Contains (or manufactured with, if applicable) _____*, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere."

*The Contractor shall insert the name of the substance(s).

5352.223-9000 **ELIMINATION OF USE OF CLASS I OZONE DEPLETING SUBSTANCES (ODS)** (MAY 1996)
(IAW AFFARS 5323.890-7)

(a) It is Air Force policy to preserve mission readiness while minimizing dependency on Class I Ozone Depleting Substances (ODS), and their release into the environment, to help protect the Earth's stratospheric ozone layer.

(b) Unless a specific waiver has been approved, Air Force procurements:

(1) May not include any specification, standard, drawing, or other document that requires the use of a Class I ODS in the design, manufacture, test, operation, or maintenance of any system, subsystem, item, component, or process; and

(2) May not include any specification, standard, drawing, or other document that establishes a requirement

that can only be met by use of a Class I ODS;

(c) For the purposes of Air Force policy, the following are Class I ODS:

(1) Halons: 1011, 1202, 1211, 1301, and 2402;
(2) Chlorofluorocarbons (CFCs): CFC-11, CFC-12, CFC-13, CFC-111, CFC-112, CFC-113, CFC-114, CFC-115, CFC-211, CFC-212, CFC-213, CFC-214, CFC-215, CFC-216, and CFC-217, and the blends R-500, R-501, R-502, and R-503; and
(3) Other Controlled Substances: Carbon Tetrachloride, Methyl Chloroform, and Methyl Bromide.

(d) The Air Force has reviewed the requirements specified in this contract to reflect this policy. Where considered essential, specific approval has been obtained to require use of the following substances:

[List each Class I ODS, its applications or use and the approved quantities. If "None," so state.]

Item No	Class I ODS Substance	Application/Use	Approved Quantity (lbs)
0001	NONE	NONE	NONE

(e) To assist the Air Force in implementing this policy, the offeror/contractor is required to notify the contracting officer if any Class I ODS not specifically listed above is required in the performance of this contract.

252.225-7001 **BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM** (MAR 1998)
(IAW DFARS 225.1101(2))
(The "Balance of Payments Program" is not applicable when the estimated cost of the product or service is at or below the simplified acquisition threshold)

252.225-7002 **QUALIFYING COUNTRY SOURCES AS SUBCONTRACTORS** (DEC 1991)
(IAW DFARS 225.1101(3))
(The balance of Payments Program is not applicable when the estimated cost of the product or service is at or below the simplified acquisition threshold)

ACRN	Accounting and Appropriation Chargeable Funds Citation	Amount Chargeable
AA	97X4930 .FC04 641 47 E3 15410Z 01N000 00000 410Z00 672300 F7230G	$

TRANSPORTATION APPROPRIATION CHARGEABLE (DEC 2000)

The Transportation Allotment Identification (TAI) relates directly to the above ACRN(s). For example the TAI "TAA" is for the same line item(s) as ACRN "AA".

FMS TRANSPORTATION ALLOTMENT SHALL BE USED ONLY WHEN SHIPMENT ON GOVERNMENT BILL OF LADING IS AUTHORIZED

Insert 3 if movement via surface mode or 2 if movement via airlift in place of any "#" shown.

Insert last digit of current fiscal year in place of any asterisk "*" shown when material is shipped.

TAI ALLOTMENT

TAA: AA: 97X4930 FC04 641 47E3 15F16Z 01N000 00000 F16Z00 672300 F7230G

52.232-23 **ASSIGNMENT OF CLAIMS** (JAN 1986)
(IAW FAR 32.806(a)(1))

52.242-17 **GOVERNMENT DELAY OF WORK** (APR 1984)
(IAW FAR 42.1305(d))

52.243-1 **CHANGES--FIXED-PRICE** (AUG 1987)
(IAW FAR 43.205(a)(1))

252.243-7001 **PRICING OF CONTRACT MODIFICATIONS** (DEC 1991)
(IAW DFARS 243.205-71)

52.246-11 **HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT** (FEB 1999)
(IAW FAR 46.311)

The Contractor shall comply with the higher-level quality standard selected below. [If more than one standard is listed, the offeror shall indicate its selection by checking the appropriate block.]

	Title	Number	Date	Tailoring
	ANSI/ASQC **ISO** **AQAP**	**Q9003** **9003** **130**	**02JAN1994** **02JAN1994** **02JAN1995**	

252.246-7000 **MATERIAL INSPECTION AND RECEIVING REPORT** (DEC 1991)
(IAW DFARS 246.370)

5352.246-9000 **MATERIAL INSPECTION AND RECEIVING REPORT (OMB No. 0704-0248) (AFMC)** (JUL 1997)
(IAW AFMCFARS 5346.370(90))

(a) As specified by DFARS, Appendix F, Table 2, a copy of DD Forms 250 shall be forwarded to the following address:

(1) Forward the purchasing office copy to:

___
DEPARTMENT OF THE AIR FORCE
DIRECTORATE OF CONTRACTING
OO-ALC/LIK BLDG 1215
6050 GUM LANE
HILL AIR FORCE BASE, UT 84056-25
UNITED STATES

(2) For shipments involving Military Assistance Program (MAP), Grant Aid (GA), or Foreign Military Sales (FMS) requirements, an additional copy shall be sent to:

___
Not Applicable

(3) Additional distribution of DD Forms 250 is to be made to the following address(es):

Not Applicable

(b) These special instructions shall be included in any subcontract hereunder where the items purchased from the subcontractor are to be shipped directly to the U.S. Government or to a foreign destination.

(c)If delivery of MAP, GA, or FMS items to foreign destinations is required, the copies of DD Forms 250 required by DFARS, Appendix F, Table 2, Material Inspection and Receiving Report, Special Distribution, shall be forwarded to the "ship to" address designated in the contract.

INSPECTION AND ACCEPTANCE (SEP 1999)
(IAW FAR 46.401(b), FAR 46.503)

Government Contract Quality Assurance Inspection and Acceptance will be at (Final):
Item No(s): See schedule for items with the following code:
Inspection Address:

52.247-1 **COMMERCIAL BILL OF LADING NOTATIONS** (APR 1984)
(IAW FAR 47.104-4(a), FAR 47.104-4(b))

(a) If the Government is shown as the consignor or the consignee, the annotation shall be: "Transportation is for the _____**[name the specific agency]** and the actual total transportation charges paid to the carrier(s) by the consignor or consignee are assignable to, and shall be reimbursed by, the Government."

(b) If the Government is not shown as the consignor or the consignee, the annotation shall be: "Transportation is for the_____**[name the specific agency]** and the actual total transportation charges paid to the carrier(s) by the consignor or consignee shall be reimbursed by the Government, pursuant to cost-reimbursement contract No. ___ This may be confirmed by contacting _____**[name and address of the contract administration office listed in the contract]**."

52.247-65 **F.O.B. ORIGIN, PREPAID FREIGHT--SMALL PACKAGE SHIPMENTS** (JAN 1991)
(IAW FAR 47.303-17(f))

5352.247-9000 **COMMERCIAL BILL OF LADING SHIPMENTS-CARRIER'S RATES (AFMC)**
(JUL 1997)
(IAW AFMCFARS 5347.104-4(90))

The Contractor shall ensure that proposed carrier's rates are equal to or better than rates available to the Government. Contact the transportation officer for this contract, as identified by the Administrative Contracting Officer, for confirmation that the proposed carrier's rates are no higher than those otherwise available to the Government. List the shipping costs on the invoice to the Government and attach a copy of the carrier's billing. Failure to properly annotate the invoice and provide a copy of the carrier's billing may result in those costs not being reimbursed or only partially reimbursed.

5352.247-9005 **SHIPPING CONTAINER MARKING (AFMC)** (JAN 2000)
(IAW AFMCFARS 5347.305-10(a)(91))

All shipping containers shall be marked meeting the following criteria:

(a) MIL-STD-129N, Standard Practice for Military Marking.

(b) Bar code format shall conform to bar code symbology Format 3 of 9, Code 39 as specified in MIL-STD-129N.

(c) Additional marking and/or bar coding requirements exceeding those of MIL-STD-129N such as unit serial numbers, original equipment manufacturer's (OEM) name, or OEM model number are specified on the AFMC Form 158:

PACRN(s) Applicable to 5352.247-9005	Additional Bar Coding or Marking Requirements (if applicable)
PAA	None

5352.247-9007 **SPECIFICATION COMMERCIAL PACKAGING (AFMC)** (JAN 2000)
(IAW AFMCFARS 5347.305-10(a)(93))

(a) Items shall be packaged and marked in accordance with American Society for Testing and Materials (ASTM) Specification D3951-98, Standard Practice for Commercial Packaging. Individual shipments exceeding 150 pounds, 108 inches in length, or 130 inches in girth plus length shall be packaged on skidded crates or palletized to allow handling by forklift.

(b) The exterior container shall be marked (readable from 24 inches):
"ASTM D 3951 - NOT FOR OUTSIDE STORAGE."

PACRN	PACK LVL	QUP
PAA		001

5352.247-9014 **UNILATERAL AMENDED SHIPPING INSTRUCTIONS (ASIs), F.O.B. ORIGIN**
(JUL 1997)
(IAW AFMCFARS 5347.305-10(b)(90))

(a) An ASI is a change to the shipping instructions of one or more units or shipment lots of a contract line item. Multiple ASIs for multiple contract line items may be issued under one document.

(b) Unilateral ASIs with changes only to the "Ship To and Mark For" instructions, issued 20 calendar days or more before the contract scheduled delivery date, shall be accepted by the Contractor at no change in contract price.

(c) All other ASIs, including those requiring a change to the "Ship To and Mark For" which are issued 19 days or less before the contract scheduled delivery date; and those for changes to the preservation, packaging, and packing requirements, or the f.o.b. point; shall be subject to the negotiation of an equitable adjustment under the contract.

F.O.B. ORIGIN (OCT 1993)
(IAW FAR 47.305(b))

Any supply item applicable to this document shall be delivered F.O.B. at:

F.O.B. Address

SOLICITATION PROVISIONS
REPRESENTATIONS, INSTRUCTIONS AND EVALUATIONS

52.203-2 **CERTIFICATE OF INDEPENDENT PRICE DETERMINATION** (APR 1985)
(IAW FAR 3.103-1)

(a) The offeror certifies that--

(1) The prices in this offer have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other offeror or competitor relating to

(i) those prices,

(ii) the intention to submit an offer, or

(iii) the methods or factors used to calculate the prices offered;

(2) The prices in this offer have not been and will not be knowingly disclosed by the offeror, directly or indirectly, to any other offeror or competitor before bid opening (in the case of a sealed bid solicitation) or contract award (in the case of a negotiated solicitation) unless otherwise required by law; and

(3) No attempt has been made or will be made by the offeror to induce any other concern to submit or not to submit an offer for the purpose of restricting competition.

(b) Each signature on the offer is considered to be a certification by the signatory that the signatory--

(1) Is the person in the offeror's organization responsible for determining the prices being offered in this bid or proposal, and that the signatory has not participated and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) above; or

(2)(i) Has been authorized, in writing, to act as agent for the following principals in certifying that those principals have not participated, and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) of this provision

_____ [*insert full name of person(s) in the offeror's organization responsible for determining the prices offered in this bid or proposal, and the title of his or her position in the offeror's organization];*

(ii) As an authorized agent, does certify that the principals named in subdivision (b)(2)(i) above have not participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above; and

(iii) As an agent, has not personally participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above.

(c) If the offeror deletes or modifies subparagraph (a)(2) above, the offeror must furnish with its offer a signed statement setting forth in detail the circumstances of the disclosure.

52.204-6 **DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER** (JUN 1999)
(IAW FAR 4.603(a))

52.207-4 **ECONOMIC PURCHASE QUANTITY--SUPPLIES** (AUG 1987)
(IAW FAR 7.203)

(a) Offerors are invited to state an opinion on whether the quantity(ies) of supplies on which bids, proposals or quotes are requested in this solicitation is (are) economically advantageous to the Government.

_____
_____
_____
_____
_____

(b) Each offeror who believes that acquisitions in different quantities would be more advantageous is invited to recommend an economic purchase quantity. If different quantities are recommended, a total and a unit price must be quoted for applicable items. An economic purchase quantity is that quantity at which a significant price break occurs. If there are significant price breaks at different quantity points, this information is desired as well.

OFFEROR RECOMMENDATIONS

ITEM	QUANTITY	QUOTATION	PRICE TOTAL

(c) The information requested in this provision is being solicited to avoid acquisitions in disadvantageous quantities and to assist the Government in developing a data base for future acquisitions of these items. However, the Government reserves the right to amend or cancel the solicitation and re-solicit with respect to any individual item in the event quotations received and the Government's requirements indicate that different quantities should be acquired.

52.211-14 **NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE USE** (SEP 1990)
(IAW FAR 11.604(a))

Note: DX or DO rating will be completed on cover page.

52.219-1 **SMALL BUSINESS PROGRAM REPRESENTATIONS** (OCT 2000)
(IAW FAR 19.307(a)(1))

(a) (1) The North American Industry Classification System (NAICS) code for this acquisition is--**(See Page1)**.
(2) The small business size standard is **(See Page1)**.
(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) Representation.
(1) The offeror represents as part of its offer that it **[ ] is, [ ] is not** a small business concern.
(2) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents, for general statistical purposes, that it **[ ] is, [ ] is not** a small disadvantaged business concern as defined in 13 CFR 124.1002.
(3) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents as part of its offer that it **[ ] is, [ ] is not** a women-owned small business concern.
(4) Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision. The offeror represents as part of its offer that it **[ ] is, [ ] is not** a veteran-owned small business concern.
(5) Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (b)(4) of this provision. The offeror represents as part of its offer that it **[ ] is, [ ] is not** a service-disabled

veteran-owned small business concern.

(c) Definitions. As used in this provision--

"Joint venture," for purposes of a small disadvantaged business (SDB) set-aside or price evaluation preference (as prescribed at 13 CFR 124.321), is a concern that is owned and controlled by one or more socially and economically disadvantaged individuals entering into a joint venture agreement with one or more business concerns and is considered to be affiliated for size purposes with such other concern(s). The combined annual receipts or employees of the concerns entering into the joint venture must meet the applicable size standard corresponding to the SIC code designated for the contract. The majority of the venture's earnings must accrue directly to the socially and economically disadvantaged individuals in the SDB concern(s) in the joint venture. The percentage of the ownership involvement in a joint venture by disadvantaged individuals must be at least 51 percent.

"Service-disabled veteran-owned small business concern"--

(1) Means a small business concern--

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFT Part 121 and the size standard in paragraph (a) of this provision.

"Small disadvantaged business concern" means a small business concern that (1) is at least 51 percent unconditionally owned by one or more individuals who are both socially and economically disadvantaged, or a publicly owned business having at least 51 percent of its stock unconditionally owned by one or more socially and economically disadvantaged individuals, and (2) has its management and daily business controlled by one or more such individuals. This term also means a small business concern that is at least 51 percent unconditionally owned by an economically disadvantaged Indian tribe or Native Hawaiian Organization, or a publicly owned business having at least 51 percent of its stock unconditionally owned by one or more of these entities, which has its management and daily business controlled by members of an economically disadvantaged Indian tribe or Native Hawaiian Organization, and which meets the requirements of 13 CFR Part 124.

"Veteran-owned small business concern" means a small business concern--

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern" means a small business concern--

(1) Which is at least 51 percent owned by one or more women or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(d) Notice.

(1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a HUBZone small, small, small disadvantaged, or women-owned small business concern in order to obtain a contract to be awarded under the preference programs established pursuant to section 8(a), 8(d), 9, or 15 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall--

(i) Be punished by imposition of a fine, imprisonment, or both;

(ii) Be subject to administrative remedies; including suspension and debarment; and

(iii) Be ineligible for participation in programs conducted under the authority of the Act.

52.219-1 **SMALL BUSINESS PROGRAM REPRESENTATIONS -- ALTERNATE I** (OCT 2000)
(IAW FAR 19.307(a)(2))

As prescribed in 19.307(a)(2), add the following paragraph (b)(6) to the basic provision:

(b)(6) [Complete only if offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents, as part of its offer, that--

(i) It **[ ] is, [ ] is not** a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office of ownership, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR Part 126; and

(ii) It **[ ] is, [ ] is not** a joint venture that complies with the requirements of 13 CFR Part 126, and the representation in paragraph (b)(6)(ii) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. **[The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture: _____.]** Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

52.219-1 **SMALL BUSINESS PROGRAM REPRESENTATIONS -- ALTERNATE II** (OCT 2000)
(IAW FAR 19.307(a)(3))

As prescribed in 19.307(a)(3), add the following paragraph (b)(7) to the basic provision:

(b)(7) **[Complete if offeror represented itself as disadvantaged in paragraph (b)(2) of this provision.]** The offeror shall check the category in which its ownership falls:

____ Black American.
____ Hispanic American.
____ Native American (American Indians, Eskimos, Aleuts, or Native Hawaiians).
____ Asian-Pacific American (persons with origins from Burma, Thailand, Malaysia, Indonesia, Singapore, Brunei, Japan, China, Taiwan, Laos, Cambodia (Kampuchea), Vietnam, Korea, The Philippines, U.S. Trust Territory of the Pacific Islands (Republic of Palau), Republic of the Marshall Islands, Federated States of Micronesia, the Commonwealth of the Northern Mariana Islands, Guam, Samoa, Macao, Hong Kong, Fiji, Tonga, Kiribati, Tuvalu, or Nauru).
____ Subcontinent Asian (Asian-Indian) American (persons with origins from India, Pakistan, Bangladesh, Sri Lanka, Bhutan, the Maldives Islands, or Nepal).
____ Individual/concern, other than one of the preceding.

252.225-7000 **BUY AMERICAN ACT--BALANCE OF PAYMENTS PROGRAM CERTIFICATE**
(SEP 1999)
(IAW DFARS 225.1101(1))

(c) *Certifications.*

Qualifying Country End Products

Line Item Number	Country of Origin

(List only qualifying country end products.)

(3)

Non-qualifying Country End Products

Line Item Number	Country of Origin (If Known)

(The "Balance of Payments Program" is applicable when the estimated cost of the foreign end products or services to be acquired for use outside the United States is at or below the Simplified Acquisition Threshold in FAR Part 13)

52.252-1 **SOLICITATION PROVISIONS INCORPORATED BY REFERENCE** (FEB 1998)
(IAW FAR 52.107(a))

This solicitation incorporated one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available.

The full text of a clause may be accessed electronically at this/these address(es): Regulations URLs: (Click on the appropriate regulation.)
http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/fardfars/far/far1toc.htm
http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/fardfars/dfars/dfar1toc.htm
http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/af_afmc/affars/affar1toc.htm
http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/af_afmc/afmcfars/afmc1toc.htm

NOTE: After selecting the appropriate regulation above, at the "Table of Contents" page conduct a search for the desired regulation reference, using your browser's **FIND** function. When located, click on the **regulation reference** (hyperlink).

PACKAGING REQUIREMENTS

PR, MIPR, OR DOCUMENT NUMBER: FD 2020-01-23938

1. PACKAGING REQUIREMENTS: MIL-STD-2073-1 represents Military Preservation and Packing. Military packing consists of A and B levels. ASTM D3951 could be substituted by another document if specified in Block 2. Block 1 shall always be completed and further defined in Blocks 2, 3, or 4. Commercial Best Practice (CBP) and Quantity Per Unit Pack (QUP) are abbreviated.

ITEM NAME(s) OR NSN/MMAC	QUP #	MIL-STD-2073-1 PRESERVATION PACKING (√)	A OR B	COMMERCIAL ASTM D3951 (√)	CBP (√)	SPECIAL PACKAGING INSTRUCTIONS NUMBER
0001	001	MIL		✓		

2. ADDITIONAL PACKAGING AND CONTAINER MARKING REQUIREMENTS *(Specify all revisions and dates of required specifications, standards, and data item descriptions (DIDs))*

Commercial ASTM D 3951 (Block 1) applies to shipping container only.

3. INSTRUCTIONS TO CONTRACTING OFFICER: Insert appropriate clause(s) into Section D for applicable item(s) as indicated below.

- X AFMCFARS 5352.247-9005, SHIPPING CONTAINER MARKING. ITEM NAME(s)OR NSN/MMAC
- AFMCFARS 5352.247-9006, MARKING OF WARRANTED ITEMS. ITEM NAME(s) OR NSN/MMAC
- AFMCFARS 5352.247-9007, SPECIFICATION COMMERCIAL PACKAGING (ASTM D3951). ITEM NAME(s) OR NSN/MMAC
- AFMCFARS 5352.247-9008, CONTRACTOR COMMERCIAL PACKAGING *(Commercial Best Practice)*. ITEM NAME(s) OR NSN/MMAC
- X AFMCFARS 5352.247-9009, MILITARY PACKAGING AND MARKING. ITEM NAME(s) OR NSN/MMAC
- AFMCFARS 5352.247-9010, ENGINEERED OR SPECIALIZED CONTAINERS (CDRS). ITEM NAME(s) OR NSN/MMAC
- AFMCFARS 5352.247-9011, PACKAGING AND MARKING OF HAZARDOUS MATERIAL. ITEM NAME(s) OR NSN/MMAC
- AFMCFARS 5352.247-9012, PACKAGING FOR INSPECTION AND ACCEPTANCE AT DESTINATION. ITEM NAME(s) OR NSN/MMAC
- AFMCFARS 5352.247-9013, PACKAGING DATA *(Coded and/or Special Packaging Instructions)*. ITEM NAME(s) OR NSN/MMAC

4. CODED DATA: Coded requirements shall be interpreted in accordance with MIL-STD-2073-1.

ITEM	QUP QUP	QUP ICQ	PRES METH	CD	PRES MTL	WRAP MTL	CUSH DUNN	CT	UNIT CONT	INT CONT	UCL	SPEC MKG	UNIT PACK WEIGHT (10)	UNIT PACK SIZE LENGTH (10)	UNIT PACK SIZE WIDTH (10)	UNIT PACK SIZE DEPTH (10)	UNIT PACK CUBE WHOLE CUBE	UNIT PACK CUBE 1000TH	OPI
0001	001	YYY	10	1	00	YY	BG	X	DA	YY	0	00	00010	0060	0025	0013	0000	0110	

ORGANIZATION: LGMTT

PACKAGING SPECIALIST *(Typed Name/Signature)*: Norene McFerson

DATE: 01 Apr 03

AFMC FORM 158, FEB 99 *(EF-V1) (FormFlow)*

PREVIOUS EDITION IS OBSOLETE

SOURCE QUALIFICATION REQUIREMENTS
(PL98-525, SECTION 2319)

STOCK NR (NSN)1620-00-356-1678
NOUN: Latch-Upper drag Brace Assy

PART NUMBER (P/N)4G52417-113A
AIRCRAFT:C-5

SECTION C

QUALIFICATION REQUIREMENTS THAT MUST BE SATISFIED TO BECOME A QUALIFIED SOURCE:

1. Because of the need for uninterrupted item support to military aircraft systems while keeping with the requirements of PL 98-525, the current acquisition need not and generally will not be delayed to provide an offeror an opportunity to qualify. Normal acquisition practices at OO-ALC should preclude the denial of opportunity to any interested offeror.

2. The offeror must provide a pre-contract award qualification article, which meets the requirements of the engineering drawings, material specifications, and process specifications. However, successful completion of the qualification testing does not guarantee any contract award. If the offeror is deemed qualified and awarded the contract, a post-contract award first ariticle exhibit may be required to verify production capability.

3. The qualification article will be subjected to form, fit, and function verification as well as required testing to assure compliance with data list and other applicable procurement criteria. The qualification article shall demonstrate full compatibility and comparability with existing parts.

4. The required materials will be procured from a qualified source and shall meet the requirements of their respective specifications. The offeror will assure that the supplier has accomplished this and shall submit certified documentation of accomplishment of the above requirements to the purchaser along with the pre-contract award qualification article.

5. The required forgings shall be procured from the qualified forging source using the original certified forging procedures and dies. Forging material and lot qualifications shall be accomplished as required in the specified forging drawing, P/N 4G52418-993A and specification SAE AMS-F-7190. The offeror shall assure that this is or has been accomplished by the forging source and will submit certified documentation of accomplishment of the above requirements to the government along with the pre-contract award qualification article.

6. The qualification article once submitted will become subject to such testing as deemed necessary by the U.S. Government to prove that the article meets all dimensional, processing and functional requirements. Such testing may result in the destruction of the article. Following completion of necessary testing and evaluation, the article no matter what its condition shall be returned to the contractor or disposed of at his discretion and direction whether it was found acceptable or not.

7. Form verification: The U.S. Government's Quality Verification Center (QVC) will be used to insure compliance with the dimensional requirements of the article. Material and processing compliance will also be verified as required.

8. Fit/function verification: Existing components and government test stands and fixtures will be utilized to verify physical interface and functional performance of articles.

9. Testing for material and process compliance.

(a) Material analysis
(b) Heat treat
(c) Grinding
(d) Plating
(e) Finish
(f) Grain flow
(g) Other

SOURCE QUALIFICATION REQUIREMENTS
(PL98-525, SECTION 2319)

STOCK NR (NSN)1620-00-356-1678
NOUN: Latch-Upper drag Brace Assy

PART NUMBER (P/N)4G52417-113A
AIRCRAFT:C-5

10. Remarks:

a. Organic verification capabilities exist at OO-ALC.

b. Testing requirements outside organic capabilities will be contracted out.

11. The estimated cost of government testing and evaluation is $5000.

12. Maximum time for testing of the qualification article will not exceed 30 days from receipt at testing agency.

SECTION D

QUALIFICATION WAIVER REQUIREMENTS.

1. An offerer who has had previous experience in the manufacture and qualification of items, which can be correlated with this product, may apply to the design control authority at OO-ALC for a waiver of the above stated qualification requirements.

a. The qualification waiver criteria utilized by the design control authority to perform a qualification analysis are available upon request. The qualification waiver criteria may be used as a guide in preparing the offerer's written input to the design control authority.

b. The burden of proof for written inputs is on the offerer. The design control authority will not pursue authenticity verification of claims made by the offerer of product manufacturing experience with other Government or non-Government agencies. Unsubstantiated claims will not be considered in the waiver analysis process.

c. This waiver will be granted if and only if the design control authority (LILE) can establish the qualifications of the offerer through the evaluation of written inputs from the offerer or from previous knowledge of the offerer's capabilities or from previous experience with the offerer on similar item acquisitions. If there is any doubt about the offerer's capability, the offerer will be required to submit a pre-qualification article. There is no guarantee of qualification by similarity. LILE reserves the right to require a pre-qualification article of all offerers.

2. The current acquisition need not and will not be delayed in order to provide an offerer with an opportunity to meet the requirements for qualification waiver.

3. Maximum time for approval of qualification by similarity will not exceed 15 days.

REV	ENGINEERING DATA REQUIREMENTS (ATTACHMENT "A")

NOTE: MILITARY SPECIFICATIONS I/STANDARDS WILL NOT BE FURNISHED IN THE BID SET

1. THE FOLLOWING INSTRUCTIONS ARE FURNISHED FOR THE MANUFACTURE OF

LATCH - UPPER DRAG BRACE ASSY. STRUT NLG. ASSY. OF.

2. PART NUMBER	3. NATIONAL STOCK NUMBER
4G52417-113A	1620 00 356 1678

4. THE FOLLOWING SPECIFICATIONS/STANDARDS, ETC., WILL BE USED IN LIEU OF THE DATA INDICATED. THE SUPERSEDED DATA WILL NOT BE FURNISHED UNLESS SO INDICATED.

a. Identify to meet drawing requirements and MIL-STD-130 with the following notes. Serial number shall be vibropeened, or steel stamped, in 0.09" letters 0.004" - 0.007" deep in the location indicated. If the drawing does not indicate a location, OO-ALC/LILE will provide S/N location instructions. Serialization of item shall be accomplished as follows: The serialization will begin with the CAGE of the contractor named on the contract, followed by a dash and the two (2) digit year of manufacture, followed by a dash and a sequentially unique three (3) digit number. A contractor who receives numerous intermittent contracts will start serialization of item with the next number in sequence of the prior contract. If a contract produces more than 1000 items, the serial number should appear like this: "S/N 98747-95-001"

b. Machine to meet drswing specifications per LAC 0701, in lieu of DS 30003.

c. Magnetic particle inspection per ASTM E1444, in lieu of MIL-I-6868. Use fluorescent type, full wave direct current (FWDC), and wet continuous method. With the following acceptance/rejection criteria: NO DEFECTS ALLOWED. The intent of NO DEFECTS ALLOWED is that the inspection is conducted at the required sensitivity level and there shall be no indications allowed. The inspector performing the inspection shall be level II certified, with the inspection procedure developed by a level III, as specified in NAS-410.

d. Shot peen per SAE AMS-S-13165, in lieu of STP 51-501.

e. Heat treat, normalize, and anneal per SAE AMS-H-6875, in lieu of STP 54-006

f. Prior to assembly detail metallic parts shall be cleaned to remove all heat treat scale, dissimilar metal contamination, forming and cutting residue, and other shop soils. Parts shall be handled and transported in such manner as will ensure that the required cleanliness and physical characteristics, and properties are preserved. As a final cleaning operation prior to capping or closure, components shall be given a final cleaning by flushing all surfaces which will be in contact with hydraulic fluid, with a cleaning solution which is compatible with the system being cleaned, and in compliance with existing environmental standards.

5. Drilling, reaming, and honing to meet drawing specifications, using best shop procedures and the following notes in lieu of STP 51-401.

a. High speed steel (HSS) drills shall be used to drill corrosion resistant steels.

b. HSS reamers will be used for rough reaming, and final reaming of steels heat treated below 200 KSI. Carbide or premium grade hi-speed tipped reamers will be used for rough reaming of steels heat treated above 200 KSI.

c. Honing stones shall be of 150 to 500 alumium oxide grit with a medium-hard bond and preferabily a multi-head stone. Heads with steel shoes or wipers shall not be used.

d. Drilling shall never be used as a final machining operation. A minimum of 0.015 inch on diameter shall be left for final reaming. Holes shall be finished by reaming or boring. When jigs, fixtures, or bushings are not used for drilling holes larger than 1/4 inch, the holes will be piloted with a center drill. Chemical, electrical, or electrochemical hole producing methods shall not be used as a final surface producing method without prior approval from OO-ALC/LILE.

PREPARED BY	SYMBOL	DATE
ORIN HATCH	LGMPM	29 Sep 00

e. Rough reaming, the reamer length shall be as short as consistent with required penetration. Final reaming, the diametral cut shall produce a hole that meets the requirements of the engineering drawing.

f. Honing shall be used as a final operation where a surface finish better than 125 roughness height ratio is required, and connot be produced by other means.

g. Carbide drills can be operated at higher speeds that HSS drills, but must be used with caution. Thay must not be used in dull or chiped condition.

6. Install bushings per the following, in lieu of STP 56-108, Type I.

a. The bushing installation shall be accomplished in such a manner as to avoid damage to the finish on the I.D. of the housing into which the bushing is installed, or the finish on the O.D. of the bushing. Forced installation of sub-zero installation, such as the use of a press or hammer is not permitted, and is not acceptable. A small non-metallec hammer may be used to tap the bushing into alignment with the housing bore, or to seat the bushing.

b. Prior to bushing installation, the parts and housing bore shall be cleaned with a solvent to remove all contamination.

c. Liquid nitrogen shall be used for all sub-zero installations unless some other sub-zero coolant is specified, and approved by OO-ALC/LILE engineering. The soak time of the bushing in the liquid nitrogen shall be sufficient to allow the bushing to reach the same temperature as the coolant.

d. The bushing shall be installed into the housing immediatedly upon removal form the coolant with an absolute minimum lost time. Trial runs shall be accomplished as necessary to minimize installation time, which should be in the order of about seven (7) seconds maximum.

e. It may occasionally be necessary to heat the housing into which the bushing is to be installed, in addition to sub-zero cooling of the bushing. Detail parts in process, which do not have paint or sealant or other organic material applied prior to heating, the parts shall be heated by the use of radiant heat techniques, such as thermal blankets, infrared lamps etc; to the maximum temperature of 250 F. Temperature measuring devices shall be used to monitor heat and shall be located on areas of the part expected to reach maximum temperature. No scaling, oxidation, or corrosion shall be permitted.

f. The shrunken part shall be installed into the housing bore which has received a wet coat of MIL-P-8585, zinc chromate primer which has been brush applied. The primer shall be applied to the bushing outer surface and the housing bore prior to installation, so as to insure complete sealing of gaps between the housing bore and the installed bushing as evidenced by extruded primer around the entire periphery of both ends of the bushing.

7. Penetrant inspect per ASTM E1417, Type I, Method B or C, Level 3 or 4, with the following acceptance/rejection criteria: NO DEFECTS ALLOWED. The intent of NO DEFECTS ALLOWED is that the inspection is conducted at the required sensitivity level and there shall be no indications allowed. The inspector performing the inspectionl shall be level II certified, with the inspection procedure developed by a level III as specified in NAS-410.

8. Use material 300M per AMS 6257, in lieu of STM 05-501 (300 Tricent).

REV:	ENGINEERING DATA REQUIREMENTS CONTINUATION SHEET *(ATTACHMENT "A")*

PART NUMBER	NATIONAL STOCK NUMBER
4G52417-113A	1620 00 356 1678

9. Finish per the following in lieu of DS30000, and finish codes C, CC, D, 17, 54, 74-74.

a. Cadmium plate per QQ-P-416, Class 2, Type II, (Ref.DWG 4G53434) (code C)

b. Cadmium plate per MIL-STD-870, Class 3, Type II. (Ref. DWG 4G52417) (code C)

c. Cadmium plate per MIL-STD-1500, Class 3, Type II. Ref. DWG 4G52417) (code CC)

d. Chromium plate per MIL-STD-1501, Type I, Class 1. (code D)

e. Primer wash is not required. (code 17)

f. One coat of epoxy primer per MIL-P-85582, Type I, Class 2. (code 54). Alternate, One coat of epoxy primer per MIL-P-23377, Type I.

g. Two coats of top coat per MIL-PRF-85285, Type I. (color white, No. 17925 per FED-STD-595). (code 74-74)

10. The required forgings will be procured from the qualified forging source using the original certified forging procedures and dies.

a. Prior to contract award, the detail part bidder will provide certification, from the forging source to the government, that the certified dies and forging procedures are available and that the forging source has an agreement with the detail part bidder to provide forgings for his use in the event that he is the successful bidder.

b. Prior to production, forging lot qualification will be accomplished as specified on the forging drawing, MIL-F-7190, grade A. The contractor will assure that this is or has been accomplished by the forging source and will submit certified documentation of accomplishment to the government.

11. FORGING SOURCE, CONTROL AND LOCATION OF DIES:

a. Forging drawing: 4G52418-993A Lockheed GA. CAGE 98897

b. Control of forging: Minassco Texas Div.
Highway 157 & Pipeline Rd.
Fort Worth, TX 76039

c. Location of forging: Unknown. Die number. Unknown.

PREPARED BY	SYMBOL	DATE
ORIN HATCH	LGMPM	29 Sep 00

REV:	ENGINEERING DATA REQUIREMENTS CONTINUATION SHEET *(ATTACHMENT "A")*

PART NUMBER	NATIONAL STOCK NUMBER
4G52417-113A	1620 00 356 1678

12. Material Review Board disposition:

    a. OO-ALC/LILE system engineering retains all rights to review and accept MRB dispositions prior to shipment of discrepant item. All deviations, minor and major, from the engineering drawing package will be submitted for MRB disposition.

    b. Prior to contract award, the contractor will certify to the government in writing full compliance with manuals, specifications, and standards called out and required for the manufacture of this contracted landing gear component/ assembly. The contractor is responsible to completely search all required documents and fully understand the necessary requirements to manufacture the stated item. Any questions can be forwarded to this offece OO-ALC/LILE

13. Any surface ground/machined after heat treat, shall be inspected for burns per MIL-STD-867, in lieu of STP 54-006. Grinding shall be per MIL-STD-866.

14. After contract award the successfull bidder shall provide a copy of the processing documentation (routing documents and process specifications) to LILE for final review before production begins.

15. The following specifications are not required for the manufacture of this item.

    a. Fatigue test X995, static test X999, and DS 5025.

PREPARED BY	SYMBOL	DATE
ORIN HATCH	LGMPM	29 Sep 00

REVISION: *01*

ENGINEERING DATA LIST

* HISTORY *

DATE :	DATA TECH :	ORGN SYMBOL :	PR NR :	APPLICATION:	PAGE
14AUG00	SOH	LGMPM		C-5	1 OF 1

CAGE:	MANUFACTURER NAME:	REFERENCE NR:	NOUN :	NSN :
17576	B.F. GOODRICH	4G52417-113A	LATCH.	1620003561678

CAGE	DRAWING NUMBER	REV	NR SHEETS	NR CARDS	FURN CODE	DIST CODE	NOUN	REQUIREMENTS
98897	4G52417 /	L	0002	0000	S		LATCH.	
98897	LAC 0701 /		0000	0000	S		MACHINING SPEC.	
98897	DS 30001 /		0000	0000	S		DIMENSION INSPEC.	
98897	4G52418 /	D	0001	0000	S		FORGING.	
98897	4G53434 /	D	0001	0000	S		BEARING.	
98747	96C014 /		0001	0000	S		ECO	
98747	00-ALC/LGMPM /		0004	0000	S		ENGRG. DATA REQTS. (ATCH "A")	

STANDARD ENGINEERING TEXT

ENGINEERING DATA LIST REMARKS

FURNISHED METHOD CODE LEGEND:

C - CLASSIFIED DOCUMENT.
S - FURNISHED WITH SOLICITATION.
M - STABLE BASE DRAWING REQUIRED
X - DATA SUPPLIED (NOT IN EDCARS).
R - FURNISHED BY PCD UPON REQUEST.
P - PARTIAL DOCUMENT FURNISHED
V - VENDOR DRAWING
G - GOV'T DOCUMENT.
O - OTHERS, CONTRACTOR MUST ACQUIRE.
A - DATA NOT