

Amendment Number: 0

Order Date: 04/27/2023

Lockheed Martin Space

Document Type: Standard PO  
Status: In Process

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**Lockheed Martin Corporation**

Lockheed Martin Space  
LMMS  
12257 South Wadsworth Boulevard  
LITTLETON CO 80125-8500  
USA

**Seller:**

Vendor ID: LM1573855  
ALVA MANUFACTURING, INC.  
236 E ORANGETHORPE AVE  
PLACENTIA CA 92870-6442  
USA

Order Contact: Jason Beren  
Buyer ID: 6ER  
Phone: 831-425-6092  
FAX:  
E-mail: jason.t.beren@lmco.com

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**Bill To:**

PAYMENT WILL BE MADE IN ACCORDANCE WITH  
EVALUATED RECEIPT SETTLEMENT, DO NOT BILL.  
SEE BELOW ERS TEXT, STATEMENT FOR ADDITIONAL  
INFO.

**Ship To:**

CAUTION: This PO may contain multiple items with differing ship-to  
addresses. See individual items for shipping addresses and instructions.

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**Terms of Sale:**

Net 30 Days

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**Total Purchase Order Value**

19,211.61 USD

This transmittal is signed electronically by the procurement representative or buyer identified;  
Upon acknowledgement by seller, this transmittal is signed electronically by Seller authorized representative; written  
signature not required if signed electronically.

**Lockheed Martin**  
**Authorized Procurement Representative**  
*Electronically signed by:*

**Accepted By:**  
**Seller Authorized Representative**  
*Electronically signed by:*

Jason Beren

**Date:** 04/27/2023

**Date:**

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## Notes

This Purchase Order and attachment(s), if any, are being transmitted electronically and executed by electronic signature in lieu of a hard copy Purchase Order/release and is the only document that the Seller will receive. By receipt and acknowledgment of this Purchase Order, or by performance, Seller agrees that this electronic Purchase Order shall have the same force and effect as if executed and sent in hard copy. Both parties agree that the validity of this Purchase Order shall not be contested on the basis that this Purchase Order contains an electronic signature. Seller certifies that those representations and certifications contained in the referenced terms and conditions are current and accurate.

Except as hereby amended by this amendment, all terms and conditions of this purchase order including previous amendments, if any, remain in effect and are applicable to this amendment. The total amount shown on this document reflects the value of the entire purchase order, not just the elements changed by this amendment.

## Ethics Statement:

Lockheed Martin values relationships that are grounded in a shared commitment to performing in accordance with the highest standards of professional business conduct and encourages all suppliers to implement an effective ethics program, including adopting a written code of conduct. In performance of this Contract, both parties are expected to conduct themselves in a manner consistent with the principles expressed in either the Lockheed Martin's Supplier Code of Conduct, available at <http://www.lockheedmartin.com/us/suppliers/ethics.html>, or the Defense Industry Initiative Model Supplier Code of Conduct available at <https://www.dii.org/featured-tools>. Should you have any questions, wish to use our training materials, or observe conduct contrary to the principles set forth in the Codes referred to above, please do not hesitate to call the Lockheed Martin ethics helpline at 1-800-LM-ETHIC (1-800-563-8442).

## Lockheed Martin's Commitment to Sustainability:

Sustainability is a key element of our business model for innovation and growth. It allows us to operate efficiently and exceed customer needs, which are important aspects of our long-term business planning. Sustainable thinking permeates wide-ranging strategies in areas such as technology research and development, talent management, facilities operations and supply chain management.

Lockheed Martin has established a sustainability strategy that integrates environmental, social and governance stewardship into all aspects of our business. Suppliers are key to our ability to achieve success in sustainability. To learn how you can partner with us to drive responsible growth and maintain high standards please visit our Sustainable Supply Chain Management website at <http://www.lockheedmartin.com/us/suppliers/sustainable-supply-chain.html>

We also invite you to review our Sustainability Report at <http://www.lockheedmartin.com/sustainability> to learn more about Lockheed Martin's objectives.

Suggestions or questions regarding our sustainability strategy can be sent to <mailto:sustainability.lm@lmco.com>.

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**ERS Statement:**

This is an invoiceless PO, do not bill. Payment will be dispersed in accordance with the terms and contract values herewith. For add'l info on the paperless payment process, go to:

<http://www.lockheedmartin.com/us/suppliers/resources/accounts-payable.html>

If your order entry system requires you to input a bill-to address, use: Lockheed Martin Corp., Accounts Payable - ERS PO, Post Office Box 33081, Lakeland, FL 33813-3081

**PO Header Text:**

Questions should be directed to the buyer at: [jason.t.beren@lmco.com](mailto:jason.t.beren@lmco.com) or 831-425-6092.

The following documents are incorporated:

Exhibit A: LM-ORN-1168 Rev C Serial Number Assignment and Control

Exhibit B: LM-ORN-1168 Rev C ADDENDUM A

Exhibit C: Drawing 948cn0960150-501 Rev -.9

Exhibit D: Parts List 948CN0960150-501 Rev -.9

Exhibit E: Drawing 948cn0980152-001 Rev -.9

Exhibit F: Parts List 948CN0980152-001 Rev -.16

Exhibit G: Drawing 948cn0980153-001 Rev -.7

Exhibit H: Parts List 948CN0980153-001 Rev -.11

The top level assembly drawing is incorporated and all associated call outs are within the drawing.

\*\* It is the awarded supplier's responsibility to ensure compliance with the QSP QCode as applicable to each special process. At time hardware is being processed, QSP requires any processing supplier or sub-tier to have Quality Management System, and specific Special Process certifications active in Exostar.\*\*

\*\*HARDWARE DELIVERY IS EXPECTED TO MEET THE QUOTED LEAD TIMES: 8 WEEKS ARO (Lines 1 -2), 10 WEEKS ARO (Line 3)\*\*

Contractual direction, including any changes, alterations or modifications to this Contract, must be made in writing by the designated LOCKHEED MARTIN Procurement Representative. Unauthorized changes, alterations or modifications to this Contract will not be considered for equitable adjustment. Changes to this Contract or its scope shall not be made without the express written authorization of the designated LOCKHEED MARTIN Procurement Representative.

\*\*\*DPAS: (DO-C9)\*\*\*

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Please ship via FedEx using FedEx Account # 748596127 (KENNEDY SPACE)

For shipments over 150 pounds - Contact Allyn Logistics Application (ALA) for direction:

- ALA is a web-based portal that is accessible at: <http://ala.allynintl.com>

Ensure that all packing lists, bills of lading, and invoices, include Lockheed Martin purchase order number.

Packing lists and Certificates of Compliance/Conformance must include Lockheed Martin part number.

All line items are FOB Origin, Collect.

Do not insure any shipment or declare values. By declaring a value, you are requesting insurance and LMC shipments are already covered with a blanket Transit Damage & Loss Insurance Policy.

Supplier product must be received on our dock by the PO line-item delivery date. Suppliers must ship with sufficient time prior to this date to assure on time delivery.

LMSSC supplier performance ratings are based upon delivery no later than the PO line-item delivery date. Please notify the Buyer if these circumstances cannot be met. The Buyer will issue a PO Amendment to update the PO line-item delivery date.

The Terms and Conditions listed below are incorporated by reference and made a part of this Contract. Unless otherwise limited in this Contract, each document applies in its entirety. Copies of Terms and Conditions referenced in this Contract may be obtained from the Lockheed Martin web address <http://www.lockheedmartin.com/us/suppliers/tandc.html> or the Lockheed Martin procurement representative.

Doc Number: CORP DOC 3B\_2023      Revision Date:      Form/Exhibit:  
Title: NASA FAR PROV US GOVT NON-COMM ITEM,ALL  
URL: <https://www.lockheedmartin.com/en-us/suppliers/documentation/2023tandc.html>

Doc Number: CORP DOC 3\_2023      Revision Date:      Form/Exhibit:  
Title: FAR PROV US GOVT NON-COMM ITEM US SUPPLI  
URL: <https://www.lockheedmartin.com/en-us/suppliers/documentation/2023tandc.html>

**Text Cert URL:**

<https://download.lockheedmartin.com/suppliers/p2p/l0resale.pdf>

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This Purchase Order includes one or more attachment(s). The attachment(s) may be accessed in LMP2P.  
Attachment Exhibit H: Parts List 948CN0980153-001 Rev -.11.pd. is added  
Attachment Exhibit G: Drawing 948cn0980153-001 Rev -.7.pdf. is added  
Attachment Exhibit F: Parts List 948CN0980152-001 Rev -.16.pd. is added  
Attachment Exhibit E: Drawing 948cn0980152-001 Rev -.9.pdf. is added  
Attachment Exhibit D: Parts List 948CN0960150-501 Rev -.9.pdf. is added  
Attachment Exhibit C: Drawing 948cn0960150-501 Rev -.9.pdf. is added  
Attachment Exhibit B: LM-ORN-1168 Rev C ADDENDUM A.pdf. is added  
Attachment Exhibit A: LM-ORN-1168 Rev C Serial Number Assignm. is added

Line	Item	Quantity	Unit	Price	Price Unit	Currency	Item Total
1	948CN0960150-501	6.000	each	1,166.52	1	USD	6,999.12

**Item Description**

Description: STROBE LIGHT POWER MODULE BRACKET  
Part Revision Number (if applicable): -/-

**Inspection Supplier (Manufacturer, if different than Seller) Part Number**

- 948CN0960150-501

**Schedule**

Quantity: 6.000  
each

Contract Delivery  
Schedule:  
01/24/2024

**NAICS: North American Industry Classification System**

NAICS Code	NAICS Industry Description	Company Size	Size Standards in Millions of Dollars	Size Standards in Number of Employees
332710	Machine Shops	Small	0.0	500

**Item Ship to**

LOCKHEED MARTIN CORPORATION  
SOUTH DOCK  
BLDG M7-355, O&C South Rec. Dock  
ORLANDO FL 32899-0001  
USA

**DPAS Rating / Prime Contract**

Quantity	Prime Contract	DPAS
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6.000	80JSC019C0012	DO-C9
<b>Line item Contract Type, Status</b>		
FIRM FIXED PRICE DEFINITIZED.		
<b>FOB</b>		
FOB (F.O.B. Origin Freight Collect) SEE PO TEXT FOR ROUTING URL		
<b>Carrier</b>		
<p>All LM-paid shipments shall be initiated through Allyn International (<a href="https://ala.allynintl.com/">https://ala.allynintl.com/</a>).</p> <p>Detailed shipping guidance and points of contact are included on the LM Routing Guides at <a href="https://procure.external.lmco.com/irj/portal/LMRoutingGuides">https://procure.external.lmco.com/irj/portal/LMRoutingGuides</a> by logging into Exostar &gt; LMP2P &gt; LM Routing Guides link on left.**</p> <p>**Routing guides are updated regularly and subject to change</p>		
<b>Tax</b>		
Exemption Desc: Exempt Resale		
<b>PO Codes (See Appendix A for PO Code Notes)</b>		
<p>Notes ID:CHXA554101/Qualifier Code:2 MIL-DTL-5541F - ALUMINUM CHEMICAL FILM TYPE I Notes ID:NPSZ101314/Qualifier Code:2 MAP-901013-1XXX AND -4XXX STANDARD NDE PENETRANT INSPECTION Notes ID:Q1Z/Qualifier Code:Q SUPPLIER NON-CONFORMANCE REQUIREMENT INSTRUCTIONS Notes ID:QA5/Qualifier Code:Q CERTIFICATE OF CONFORMANCE REQUIRED BY LM Notes ID:QAQC03/Qualifier Code:Q AQC03 RIGHT OF ACCESS Notes ID:QB4/Qualifier Code:Q TEST REPORTS - SUBMITTAL Notes ID:QBRCD/Qualifier Code:Q LM P2P BARCODED LABEL REQUIRED Notes ID:QD13/Qualifier Code:Q MANNED SPACE FLIGHT Notes ID:QEDSS/Qualifier Code:Q ELECTRONIC DATA SUPPLIER SUBMITTAL Notes ID:QQB/Qualifier Code:Q DIMENSIONAL INSPECTION REPORT</p>		

Amendment Number: 0

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Notes ID:QQS5A/Qualifier Code:Q  
FOREIGN OBJECT ELIMINATION (FOE) PROGRAM REQUIREMENT  
Notes ID:QSC/Qualifier Code:Q  
QUALITY SYSTEM CHANGES AND CUSTOMER FINDINGS  
Notes ID:QSP/Qualifier Code:Q  
SPECIAL PROCESS APPROVAL AND CERTIFICATION  
Notes ID:QT4B/Qualifier Code:1  
QMS-QUALITY SYSTEM REQUIREMENTS (SAE AS9003)  
Notes ID:QTC6/Qualifier Code:Q  
COUNTERFEIT PART, MATERIAL, AND WORK AVOIDANCE AND CERTIFICATION  
Notes ID:PTD35/Qualifier Code:P  
PACKAGING AND SHIPMENT

**Notes**

Item Supplier Text:

...

Item text:

04/05/2023 - ORION 3, 4, 5 - dtc  
243977ZZ001CABLH002 - Artemis 3  
243985ZZ001CABLH002 - Artemis 4  
243993ZZ001CABLH002 - Artemis 5

Material PO Text:

Material Revision:

&gt;Material Revision: -

&gt;Last ECO: H0173190

Drawing Revision:

&gt;Drawing Revision: Drawing not applicable.

&gt;Last Incorporated ECO: none

Unincorporated Revision:

&gt;Unincorporated ECO: No outstanding Unincorporated ECO's.

Line	Item	Quantity	Unit	Price	Price Unit	Currency	Item Total
2	948CN0980152-001	3.000	each	1,441.50	1	USD	4,324.50

**Item Description**

Description: LOCKING PIECE, MPEV

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Part Revision Number (if applicable): -/-				
<b>Inspection Supplier (Manufacturer, if different than Seller) Part Number</b>				
- 948CN0980152-001				
<b>Schedule</b>				
Quantity: 3.000 each	Contract Delivery Schedule: 01/02/2024			
<b>NAICS: North American Industry Classification System</b>				
<b>NAICS Code</b>	<b>NAICS Industry Description</b>	<b>Company Size</b>	<b>Size Standards in Millions of Dollars</b>	<b>Size Standards in Number of Employees</b>
332710	Machine Shops	Small	0.0	500
<b>Item Ship to</b>				
LOCKHEED MARTIN CORPORATION SOUTH DOCK BLDG M7-355, O&C South Rec. Dock ORLANDO FL 32899-0001 USA				
<b>DPAS Rating / Prime Contract</b>				
Quantity	Prime Contract	DPAS		
3.000	80JSC019C0012	DO-C9		
<b>Line item Contract Type, Status</b>				
FIRM FIXED PRICE DEFINITIZED.				
<b>FOB</b>				
FOB (F.O.B. Origin Freight Collect) SEE PO TEXT FOR ROUTING URL				
<b>Carrier</b>				
All LM-paid shipments shall be initiated through Allyn International ( <a href="https://ala.allynintl.com/">https://ala.allynintl.com/</a> ).				
Detailed shipping guidance and points of contact are included on the LM Routing Guides at <a href="https://procure.external.lmco.com/irj/portal/LMRoutingGuides">https://procure.external.lmco.com/irj/portal/LMRoutingGuides</a> by logging into Exostar > LMP2P > LM Routing Guides link on left.**				
**Routing guides are updated regularly and subject to change				



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<b>Tax</b>
Exemption Desc: Exempt Resale
<b>PO Codes (See Appendix A for PO Code Notes)</b>
Notes ID:CHXA554101/Qualifier Code:2 MIL-DTL-5541F - ALUMINUM CHEMICAL FILM TYPE I Notes ID:NPSZ101314/Qualifier Code:2 MAP-901013-1XXX AND -4XXX STANDARD NDE PENETRANT INSPECTION Notes ID:Q1Z/Qualifier Code:Q SUPPLIER NON-CONFORMANCE REQUIREMENT INSTRUCTIONS Notes ID:QA5/Qualifier Code:Q CERTIFICATE OF CONFORMANCE REQUIRED BY LM Notes ID:QAQC03/Qualifier Code:Q AQC03 RIGHT OF ACCESS Notes ID:QAQC06/Qualifier Code:Q QAQC06 CERTIFICATE OF COMPLIANCE RAW MATERIALS Notes ID:QBRCD/Qualifier Code:Q LM P2P BARCODED LABEL REQUIRED Notes ID:QD13/Qualifier Code:Q MANNED SPACE FLIGHT Notes ID:QEDSS/Qualifier Code:Q ELECTRONIC DATA SUPPLIER SUBMITTAL Notes ID:QQB/Qualifier Code:Q DIMENSIONAL INSPECTION REPORT Notes ID:QQS5A/Qualifier Code:Q FOREIGN OBJECT ELIMINATION (FOE) PROGRAM REQUIREMENT Notes ID:QSC/Qualifier Code:Q QUALITY SYSTEM CHANGES AND CUSTOMER FINDINGS Notes ID:QSP/Qualifier Code:Q SPECIAL PROCESS APPROVAL AND CERTIFICATION Notes ID:QT4B/Qualifier Code:1 QMS-QUALITY SYSTEM REQUIREMENTS (SAE AS9003) Notes ID:QTC6/Qualifier Code:Q COUNTERFEIT PART, MATERIAL, AND WORK AVOIDANCE AND CERTIFICATION Notes ID:PTD35/Qualifier Code:P PACKAGING AND SHIPMENT
<b>Notes</b>
Item Supplier Text:  ...  Item text:



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04/05/2023 - ORION 3, 4, 5 - dtc  
243977ZZ001CABLH002 - Artemis 3  
243985ZZ001CABLH002 - Artemis 4  
243993ZZ001CABLH002 - Artemis 5

Material PO Text:  
Material Revision:  
>Material Revision: -  
>Last ECO: H0173566  
Drawing Revision:  
>Drawing Revision: Drawing not applicable.  
>Last Incorporated ECO: none  
Unincorporated Revision:  
>Unincorporated ECO: No outstanding Unincorporated ECO's.

Line	Item	Quantity	Unit	Price	Price Unit	Currency	Item Total
3	948CN0980153-001	3.000	each	2,629.33	1	USD	7,887.99
Item Description							
Description:				THREADED PLUG, MPEV			
Part Revision Number (if applicable):				-/-			
Inspection Supplier (Manufacturer, if different than Seller) Part Number							
-		948CN0980153-001					
Schedule							
Quantity: 3.000 each		Contract Delivery Schedule: 01/02/2024					
NAICS: North American Industry Classification System							
NAICS Code		NAICS Industry Description		Company Size		Size Standards in Millions of Dollars	Size Standards in Number of Employees
332710		Machine Shops		Small		0.0	500
Item Ship to							

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LOCKHEED MARTIN CORPORATION SOUTH DOCK BLDG M7-355, O&C South Rec. Dock ORLANDO FL 32899-0001 USA		
<b>DPAS Rating / Prime Contract</b>		
Quantity	Prime Contract	DPAS
3.000	80JSC019C0012	DO-C9
<b>Line item Contract Type, Status</b>		
FIRM FIXED PRICE                      DEFINITIZED.		
<b>FOB</b>		
FOB (F.O.B. Origin Freight Collect) SEE PO TEXT FOR ROUTING URL		
<b>Carrier</b>		
All LM-paid shipments shall be initiated through Allyn International ( <a href="https://ala.allynintl.com/">https://ala.allynintl.com/</a> ).  Detailed shipping guidance and points of contact are included on the LM Routing Guides at <a href="https://procure.external.lmco.com/irj/portal/LMRoutingGuides">https://procure.external.lmco.com/irj/portal/LMRoutingGuides</a> by logging into Exostar > LMP2P > LM Routing Guides link on left.**  **Routing guides are updated regularly and subject to change		
<b>Tax</b>		
Exemption Desc: Exempt Resale		
<b>PO Codes (See Appendix A for PO Code Notes)</b>		
Notes ID:CHZS270000/Qualifier Code:2 AMS 2700 - METHOD 1 PASSIVATION ALL TYPES Notes ID:NPSZ101314/Qualifier Code:2 MAP-901013-1XXX AND -4XXX STANDARD NDE PENETRANT INSPECTION Notes ID:Q1Z/Qualifier Code:Q SUPPLIER NON-CONFORMANCE REQUIREMENT INSTRUCTIONS Notes ID:QA5/Qualifier Code:Q CERTIFICATE OF CONFORMANCE REQUIRED BY LM Notes ID:QAQC03/Qualifier Code:Q AQC03 RIGHT OF ACCESS Notes ID:QAQC06/Qualifier Code:Q QAQC06 CERTIFICATE OF COMPLIANCE RAW MATERIALS		

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Notes ID:QBRCD/Qualifier Code:Q  
LM P2P BARCODED LABEL REQUIRED  
Notes ID:QD13/Qualifier Code:Q  
MANNED SPACE FLIGHT  
Notes ID:QEDSS/Qualifier Code:Q  
ELECTRONIC DATA SUPPLIER SUBMITTAL  
Notes ID:QQB/Qualifier Code:Q  
DIMENSIONAL INSPECTION REPORT  
Notes ID:QQS5A/Qualifier Code:Q  
FOREIGN OBJECT ELIMINATION (FOE) PROGRAM REQUIREMENT  
Notes ID:QSC/Qualifier Code:Q  
QUALITY SYSTEM CHANGES AND CUSTOMER FINDINGS  
Notes ID:QSP/Qualifier Code:Q  
SPECIAL PROCESS APPROVAL AND CERTIFICATION  
Notes ID:QT4B/Qualifier Code:1  
QMS-QUALITY SYSTEM REQUIREMENTS (SAE AS9003)  
Notes ID:QTC6/Qualifier Code:Q  
COUNTERFEIT PART, MATERIAL, AND WORK AVOIDANCE AND CERTIFICATION  
Notes ID:PTD35/Qualifier Code:P  
PACKAGING AND SHIPMENT

**Notes**

Item Supplier Text:

...

Item text:

04/05/2023 - ORION 3, 4, 5 - dtc  
243977ZZ001CABLH002 - Artemis 3  
243985ZZ001CABLH002 - Artemis 4  
243993ZZ001CABLH002 - Artemis 5

Material PO Text:

Material Revision:

&gt;Material Revision: -

&gt;Last ECO: H0173568

Drawing Revision:

&gt;Drawing Revision: Drawing not applicable.

&gt;Last Incorporated ECO: none

Unincorporated Revision:

&gt;Unincorporated ECO: No outstanding Unincorporated ECO's.

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## Appendix A: PO Code Notes

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Notes ID:CHXA554101/Qualifier Code:2

MIL-DTL-5541F - ALUMINUM CHEMICAL FILM TYPE I

THE SUPPLIER AND/OR THEIR SUB-TIER SUPPLIERS SHALL CONFORM TO THIS SPECIAL PROCESS REQUIREMENT WHICH MUST BE APPROVED BY LOCKHEED MARTIN QUALITY REPRESENTATIVES.

A LIST OF LOCKHEED MARTIN APPROVED SPECIAL PROCESSORS CAN BE FOUND ON THE CURRENT APPROVALS TAB ON THE LOCKHEED MARTIN PROCURE-TO-PAY INTERNET PORTAL. A SEARCH BY APPROVAL CODE DESCRIPTION OR BY SPECIFICATION NUMBER MAY BE PERFORMED BY USING THE APPROVAL CODE DETAILS PROVIDED ON THE TITLE OF THIS TEXT NOTE.

Notes ID:CHZS270000/Qualifier Code:2

Notes ID:NPSZ101314/Qualifier Code:2

MAP-901013-1XXX AND -4XXX STANDARD NDE PENETRANT INSPECTION

The supplier and/or sub-tier supplier(s) used for this process shall conform to this special process requirement which must be approved by Lockheed Martin Quality representatives.

A list of Lockheed Martin approved special processors can be found on the current approvals tab on the Lockheed Martin Procure-to-Pay internet portal. A search by LMP2P approval code, approval code text key number, and/or LM vendor code may be performed by using the approval code details provided on the title of this text note.

Notes ID:PTD35/Qualifier Code:P

A. A complete packing list shall be enclosed with all shipments hereunder. The SUBCONTRACTOR shall mark containers or packages with necessary lifting, loading, and shipping information, including the LOCKHEED MARTIN subcontract number, item number, dates of shipment, and the names and addresses of consignor and consignee. Bill of Lading number and weight of shipment shall also be shown for shipment on Government Bill of Lading.

B. Unless otherwise provided in the Schedule, all shipments shall be delivered to the carrier's equipment at the SUBCONTRACTOR's plant. If the facilities for shipment by the carrier's equipment are not available

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at the SUBCONTRACTOR's plant, shipments shall be delivered to the nearest point where the carrier's service is available. These shipping instructions apply to all modes of transportation except rail when shipment occupies sufficient space in a railroad car to constitute a carload shipment. A carload shipment or shipment constituting a carload shipment shall be properly and adequately loaded and secured by the SUBCONTRACTOR to prevent damage in transit.

C. Unless otherwise provided in the Schedule, shipments shall be packaged in accordance with sound commercial practices to meet minimum packing requirements of surface and air carriers and to afford adequate protection against damage considering the method of transportation used. Shipments shall be marked with the necessary handling instructions, purchase order number, LOCKHEED MARTIN account number, and the consignee's name and address.

D. The SUBCONTRACTOR agrees to package the articles described in the Schedule as a separate shipment to LOCKHEED MARTIN. However, shipments for more than one order may be consolidated into one outer shipping container if the articles described in the Schedule of each Subcontract are packaged separately and clearly identified to the appropriate order. Shipments via air carrier shall be marked with the actual gross weight and dimensions on each box or other outer container. Shipments of dangerous articles shall be marked and packaged in accordance with the appropriate Department of Transportation or other Governmental agency regulations.

E. The SUBCONTRACTOR shall consolidate all shipments to be forwarded on one day, and ship them on one Bill of Lading. When two or more methods of shipment are specified, one via premium route and the other via standard route, the SUBCONTRACTOR agrees to consolidate the shipments by type of routing and forward them accordingly.

F. Shipments shall be released to the carrier at the maximum value applicable to the lowest published rate or classification rating, unless otherwise provided in this Subcontract.

G. Value shall not be declared in excess of the maximum value set forth on the carriers tariff by those carriers who assess a value charge over and above a minimum value. The only exception to the above shall occur when the carrier's tariffs require actual valuations as a condition of acceptance, unless otherwise provided in this Subcontract.

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H. "Ship to" instructions as set forth in the Schedule designate the appropriate consignee. All shipping documents, shipping labels, and packing sheets must show full and complete information as to the appropriate consignee. The SUBCONTRACTOR agrees not to deviate from these "ship to" provisions without prior authorization from LOCKHEED MARTIN.

I. The first shipment received by LOCKHEED MARTIN which falls within the quantity tolerance (either plus or minus) designated in an order will be considered as meeting the quantity requirements of the order. Any additional shipments against the order will be returned to the SUBCONTRACTOR freight collect.

J. Articles delivered to LOCKHEED MARTIN more than thirty (30) days in advance of the schedule set forth in the Subcontract may be returned at SUBCONTRACTOR's expense.

K. For Supplier Acceptance Delegation Program Subcontractors, specified by Quality Clause S8, evidence of acceptance will be indicated by application of acceptance stamp to a label or tag adjacent to the part number to the lowest level of packaging. The stamp must include date of acceptance. Purchase order line items must be individually packaged and the supplier must not package S8 items with non S8 items.

Notes ID:Q1Z/Qualifier Code:Q

Submit the following to LMSSC:

1. Proposed changes to LMSSC-approved technical, supplier configuration or supplier process requirements.
2. Material, parts or assemblies that don't meet Procurement Order requirements via Vendor Request for Information or Change (VRIC). A Subcontract or Purchase Order Change Notice will list each LMSSC-approved change and/or LMSSC Material Review Board action(s).

Notes ID:QA5/Qualifier Code:Q

Organization (Supplier, Dealer Distributor, or Manufacturer) shall provide a certification with each shipment to attest that the materials furnished to Lockheed Martin are in conformance with applicable requirements of the Contract.

Certification must contain the following:

- Lockheed Martin Purchase Order number
- Part number specified on Lockheed Martin PO
- Name and address of manufacturing location (or Cage Code)
- Quantity shipped

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- Manufacturer's traceability is required (Ex. Lot, heat, batch, date code, serial number), except for commercial specification items that do not have a traceability requirement
- Signature and date by company representative (electronic signature is acceptable)

The applicable material test results, process certifications and inspection records shall be presented upon Customer's request.

Organization shall perform inspection, as necessary, to determine the acceptability of all articles under this Order. All articles submitted by Organization under this Order are subject to final inspection and acceptance at Customer's plant.

Notes ID:QAQC03/Qualifier Code:Q

Work under this purchase order/contract is subject to government or customer surveillance/inspection at organization's plant or sub-tier supplier's facility. The organization will be notified if a surveillance/inspection is to be conducted.

Notes ID:QAQC06/Qualifier Code:Q

Organization will include with each shipment the raw material manufacturer's test report (e.g., mill test report) that states that the lot of material furnished has been tested, inspected, and found to be in compliance with the applicable material specifications. The test report will list the specifications, including revision numbers or letters, to which the material has been tested and/or inspected and the identification of the material lot to which it applies.

When the material specification requires quantitative limits for chemical, mechanical, or physical properties, the test report will contain the actual test and/or inspection values obtained. For aluminum mill products (except castings), certifications for chemistry may indicate compliance within the allowed range. Certifications for physical properties will show actual values.

When organization supplies converted material produced by a raw material manufacturer, the organization shall submit all pre and post conversion chemical / physical tests reports.

A test report is permitted to indicate conformance through a certification statement when the specification/drawing requires inspection for dimensional tolerances ONLY for metallic raw stock (such as sheet, plate, bar, rod, or other forms).

In addition to actual test reports, the suppliers certification statement signifies the material being delivered conforms to the specification or contract with regards to all qualitative attributes such as, but not limited to, workmanship, material, appearance, color,



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quality, visual, method of construction, packaging, preparation for delivery, labeling, or marking.

Notes ID:QB4/Qualifier Code:Q

Actual test reports referencing Contract number, Contractor's name and address and/or independent laboratories' name and address, part number, part name, serial number if applicable, date and run time if applicable, must accompany each shipment to be delivered. The test report shall contain the actual test and/or inspection values obtained when the specification/drawing specifies limits for chemical, mechanical, electrical, physical, or other properties. Additionally, these reports shall be validated by an authorized Contractor's Representative through the application of an inspection stamp, a signature and title or electronic approval method.

In addition to actual test reports, the suppliers certification statement signifies the material being delivered conforms to the specification or contract with regards to all qualitative attributes such as, but not limited to, workmanship, material, appearance, color, quality, visual, method of construction, packaging, preparation for delivery, labeling, or marking.

Notes ID:QBRCD/Qualifier Code:Q

Barcoded labels are required and must be completed through the Ship-To LMC module in LMP2P, accessible through Exostar at <http://www.myexostar.com>; Exostar Helpdesk: 703-793-7800.

Notes ID:QD13/Qualifier Code:Q

Articles ordered in this contract are for use in Manned Space Flight. Materials manufacturing, and workmanship of highest quality standards are essential to astronaut safety. If you are able to supply the desired items with a quality which is higher than that of the items specified or proposed, you are requested to bring this fact to the immediate attention of the purchaser via a LMSSC Vendor Request for Information or Change (VRIC) or sellers# contract letter notification. Each notification will require a documented LMSSC response prior to shipment of the material. As of objective evidence, the Supplier#s Certificate of Conformance represents the materials supplied comply to this clause. This clause will be inserted in all subcontracts and purchase orders for such items down to the lowest tier.

Notes ID:QEDSS/Qualifier Code:Q

All supplier documentation must be submitted electronically to LM Space using the Electronic Data Supplier Submittal (EDSS) system. EDSS is a proven data storage and retrieval system used by LM Space to provide secure, two-factor authentication storage and retrieval of supplier

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data. Supplier access to the EDSS tool is achieved by using #AccessLM#. Supplier must contact the LM Space Supply Chain Quality Assurance EDSS sponsor or their LM Space Global Supply Chain representative for help/support on obtaining access to #AccessLM# and use of the EDSS tool. Send Email to EDSS Resource Account: wgc-edss.fc-lmssm@lmco.com to contact EDSS sponsor. EDSS training material can be found: <https://www.lockheedmartin.com/en-us/suppliers/business-area-procurement/space.html>

Notes ID:QQB/Qualifier Code:Q

Inspection, Dimensional. Perform a 100% dimensional inspection on one part, randomly chosen, or, if more than one machining process line is used, one part chosen from each line to confirm that each line produces acceptable hardware. Record actual dimensional data for each selected part and ship one copy of the data with the hardware.

Notes ID:QQS5A/Qualifier Code:Q

The supplier shall develop and maintain a Foreign Object Elimination (FOE) Program to prevent the introduction of foreign objects or materials into any item delivered under this purchase order. The supplier shall determine the necessary level of controls required to ensure products are processed in an appropriately clean environment, and remain free of Foreign Object Debris (FOD). The requirements of the supplier's FOE Program, as well as any relevant work products (e.g., work instructions, forms or metrics), shall be documented and available to Lockheed Martin upon request. The supplier's Certification of Conformance represents that all delivered products are free of any loose or foreign materials that could result in Foreign Object Damage.

Guidance for the setup/implementation of a FOE Program can be found at: <http://www.lockheedmartin.com/us/suppliers/resources.html>.

Notes ID:QSC/Qualifier Code:Q

a. Seller shall notify customer procurement representative via Vendor Request for Information or Change (VRIC), which may be obtained from customer procurement representative; within 10 days of any of the following:

- 1.,,change in its quality system status; or
- 2.,,loss of certification status; or
- 3.,,change in Seller's quality organization, processes or procedures that are known to affect or could potentially affect conformity of any Item; or
- 4.,,adverse action taken by a US Government entity (e.g. FAA, CAA, OSHA, DoD, EPA, etc.), third party registrar, International Government Agencies, or Nadcap to include, but is not limited to, any of the following:

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i.,,Issuance of any major Level II or Level III Corrective Action Request associated with Buyer Items, Quality Management System or processes associated with Buyer Items  
ii.,,Issuance of a major finding by a third-party registrar  
iii.,,Suspension of Government Source Inspection

Notes ID:QSP/Qualifier Code:Q

Special processes are identified in the Purchase Order with a 10-digit PO code. The Contractor shall utilize the Ship-To module in LMP2P to fill out the Special Processor ID field under the Ship-To Barcode generation tab prior to shipping material.

Processor (Contractor and/or Sub-tier) shall have current required Lockheed Martin approval(s) in place at the time of hardware processing. Contractor shall verify such approval in P2P/EXOSTAR prior to performing processing.

For suppliers approved to Q4M (SQDANQ4M00), refer to the Q4M definition located in the 253-01 document for specific requirements.

Lockheed Martin approval of sub-tier special processing does not relieve the Contractor of the responsibility to ensure that work performed by sub-tier contractors is in accordance with specification requirements.

A special process certification shall be provided with each delivery of item(s) under this Purchase Order. Special Process Certifications may be in Contractor#s format and shall include the following:

- Purchase Order number
- Part number(s)
- Serial and/or lot numbers of the hardware processed (if required)
- Material process specification & revision number
- Certification stating the special process was performed per the drawing/specification requirements
- Processing Organization#s name and address
- Signature and date by a company official of the Processor attesting that the processes were performed to the required drawing/specification(s) and satisfy required acceptance criteria.

For reference, Lockheed Martin defines a special Process as a method controlled by a contractually required specification where:

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1. A product undergoes a physical, chemical or metallurgical transformation or inspection. Conformance to the specification cannot be readily verified by normal inspection methods, and
2. The quality of the product depends on use of specific equipment operated in a specific manner, under controlled conditions, by trained personnel with instructions, procedures or standards.

Contractually required specifications are identified on the drawing or parts list for build-to-print items or identified within a designated section of the controlling specification for items being procured under the contract line item of this Purchase Order.

Methods for obtaining EXOSTAR/P2P approval:

1. Special Processor Approval by an on-site survey by Lockheed Martin or Lockheed Martin acceptance of third party accreditation. Accepted certifications include International Accreditation Forum (I.A.F.) certified bodies, Nadcap and A2LA. The Contractor performing special process work shall have an AS9003 Quality Management System as a minimum, current and approved by Lockheed Martin at the time of processing. AS9100 and ISO 9001 are an acceptable substitute for AS9003. These approvals must be current in P2P/EXOSTAR.
2. Lockheed Martin approval of the Contractor's system to control its own special processors (P2P Approval Code: SQES00TQ99 or SQDANQ4M00).
  - a. This approval is contingent upon the Contractor's procedural requirement for an on-site survey to an adequate process specific questionnaire and
  - b. A vendor rating system that identifies unacceptable sub-tier performance with criteria for corrective action and criteria and frequency for re-survey and
  - c. A list of special processor approval(s) that contains approval and expiration dates.

Approvals must be current in P2P/EXOSTAR.

Lockheed Martin approval of sub-tier contractor special processing does not relieve the Contractor of the responsibility to ensure that work performed by sub-tier contractors is in accordance with specification requirements.

The Contractor shall insert the substance of this clause, including this sentence, in all lower-tier purchase orders for work performed under

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this Purchase Order.

Notes ID:QT4B/Qualifier Code:1

The Manufacturer's Quality System shall conform to the requirements described in SAE AS9003, Inspection and Test Quality System; and be approved in EXOSTAR at the time of production. Third party registration by an accredited registrar under the International Accreditation Forum may be accepted; if the Manufacturer changes registrars, loses its registration status, or is put on notice of losing its registration status, it shall notify LM. Quality System certification to AS9100 or ISO 9001 will be accepted as a substitute if approved in EXOSTAR. A Manufacturer declaring system compliance to AS9003 with no accredited registration must be subject to an onsite survey and approval. The Manufacturer's Quality System will be subject to review and approval at all times by Lockheed Martin.

Notes ID:QTC6/Qualifier Code:Q

COUNTERFEIT PART, MATERIAL, AND WORK AVOIDANCE AND CERTIFICATION  
#,,The supplier#s Certification of Conformance represents that the shipment does not contain any #suspect# or #known# Counterfeit Part, Material, or Work\* and ensures that parts, material or work are procured only through Original Equipment Manufacturers (OEMs)/Original Component Manufacturers (OCMs) or their Franchised Distributors or Authorized Supplier. Any use of other than an Authorized Supplier\* requires Lockheed Martin written approval prior to procurement and use, which shall be contained within the deliverable data package.  
#,,The supplier shall verify the procurement source and associated certifying documentation.  
#,,Supplier#s receiving inspection process shall utilize incoming inspection or test methods, or both, to detect potential counterfeit parts, material or work.  
#,,The supplier shall flow this clause in its entirety or equivalent (replacing #Lockheed Martin# with #supplier#) down to all lower tier subcontracts to prevent the inadvertent use of Counterfeit Parts, Material or Work. When an Authorized Supplier is not utilized by the supplier#s lower tier, the supplier shall provide a copy of the risk assessment and their written approval within the deliverable data package.

\*All definitions can be found at the following link under #Counterfeit Work Definitions#: <http://www.lockheedmartin.com/us/suppliers/bu-info/space/space-tandc.html>

Total Purchase Order Value

19,211.61 USD

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