Source Approval Request

NSN: 1640-01-281-5201   P/N: XXXXX-X

Cage Code: XXXXX
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* These sections are not applicable to a Category III (New Manufacturer) SAR package
SUBJECT: Source approval request for NSN 1640-01-281-5201, P/N:

To Whom It May Concern:

Please consider this data package to be a category III source approval request by Company X Incorporated to become an approved source for NSN 1640-01-281-5201. All required data as specified in the source approval guide as outlined in the table of contents has been included.

Part:

NSN: 1640-01-281-5201
CAGE: XXXXX Part Number: XXXXX-X
Nomenclature: WIRE ROPE ASSEMBLY,SINGLE LEG
Weapon System: LVS POWER UNIT MK48 AND TRAILER FAMILY

Contact Information:

Company X Inc.
CAGE:
Address
Phone: Fax:
E-mail:

Quality Program:

System used: ISO 9001:2008
Quality Manual: Please see Appendix A.i
Company X Company Information:

A company brochure has been included which outlines Company X capabilities. Please see attached information in Appendix A.ii

Company X Incorporated requests that we be classified as a manufacturer for source approval requests submitted to any of the engineering service activities for review. We are not a distributor but an engineering firm which acts as a system integrator for government contracts. Company X Inc, as the prime contractor, is responsible for technical and financial liabilities on all contracts we supply.

Systems Integration:
Most repair parts are not simply a piece of metal machined into the final product. Usually there are multiple operations at different facilities which need to be successfully completed in order to create a specification compliant part. Company X Inc contracts and manages each specialty manufacturer needed to produce a part. For example Company X will subcontract the casting to a foundry, the milling to a machine shop and the plating to a plating shop. Each individual subcontractor is not able to produce the complete part. Final assembly, marking and painting is also completed at our facility for some repair parts. Only through Company X coordination including on-site audits of special production requirements, i.e. QE-STD-1 for CSI parts, will a complete specification compliant part be produced by these small businesses.

Engineering:
The upfront engineering of each part under contract with the US Government takes place at Company X. This can include but is not limited to: developing a manufacturing plan, making the CAD model used to write the CNC code, updating drawings, creating new drawings and designing testing equipment for contractor first article and production testing.

Packaging, Measurement, Testing, Assembly, Marking and Cleaning\Lubricating:
Company X Inc is approved for all forms of MILSPEC packaging up to, but not including, a clean room. All parts supplied to the military by Company X are packaged in house including RFID tags. Final marking, painting, assembly and lubrication of parts are also done in house on certain jobs.

Quality Assurance/Inspection:
Company X Inc is ISO 9000:2008 certified to “Manufacture and repair of parts to the military.” (A copy of this certification has been attached) We are compliant to ISO 10012:2003 for inspection. Company X Inc has a resident DCMA Quality Assurance Representative (QAR) who conducts all contractual source inspections at Company X’ facility. Additionally, we are certified as the Prime to deliver Nuclear, Level 1 and Sub-Safe parts for the US Navy. The DCMA Nuclear QAR conducts his inspection at our facility as well.

Based on the fact that Company X is accountable for the manufacturing, quality, and performance of parts delivered to the US government, we request to be classified as the manufacturer for SAR process considerations.
Background Information:

Company X Inc is a key supplier to Lockheed Martin Corporation (LMC) on their Fleet Automotive Support Initiative-Global (FASI-G) contract (contract number XXXXXXX out of DSCC). Lockheed Martin has come to Company X to reverse engineer and provide alternate sources for several items where the sole source is forcing the pricing above where LMC can effectively sustain supporting them.

Company X has successfully reverse engineered and supplied many automotive parts to TACOM and the Marine Corp over the past 5 years (often through DLA). We are very familiar with the requirements of military vehicles and the challenges associated with them. We are experienced at supplying specification compliant repair parts have been on contract directly with DLA for 3 of the past 4 years to provide reverse engineering and breakout services to DSCC and DSCR.

LMC provided Company X with sample assets from their inventory for reverse engineering. Company X reviewed the available unlimited rights data and technical manuals. We reviewed how the parts fit up in their application by going to our local Army National Guard base which has most wheeled army vehicles including the M1000, M984A1, M977 and M985. We used this information along with parametric data and material analysis data to create a new technical data package (located in Appendix B).

LMC will be managing this item for DSCC under their contract for up to the next 10 years and has bought the full data rights to the drawings. As a result we have added LMC onto the drawing as an approved source of supply. We ask that if you find this SAR package to be acceptable you catalogue both Company X (CAGE) and Lockheed Martin (CAGE 02769) as approved sources.

Company X engineering department is available and more than willing to discuss over the phone, e-mail or in person any questions or concerns you may have during the review of this SAR.

Respectfully Submitted,

_________________________

Senior Engineer
Appendix A.i
Quality Documents

Attached in this appendix is Company X ISO 9001:2008 certification (3rd Party Audited) for the “Manufacture and Repair of Parts for the Military.”

The ESA has already received a copy of our quality manual with other previously submitted SARs. Should the latest copy be required please contact Company X and we will be happy to e-mail it.
This Is to certify that the Quality Management System of:

Company X

applicable to:

Manufacture and repair of parts for the military

has been assessed and approved by National Quality Assurance, U.S.A., against the provisions of:

ISO 9001:2008

Certificate Number: 123
EACCode: XX
First Issued: November 6, 2003
Valid Until: October 2, 2009
Reissued: October 2, 2009

This approval is subject to the company maintaining its system to the required standard, which will be monitored by NQA, USA, an accredited organization under the ANSI/ASQ National Accreditation Board.
Appendix A.ii
Company Brochure

Included in this appendix is the company brochure for Company X Inc.
**Baseline Business – DOD Repair Parts**

Our baseline business is focused on winning competitively awarded repair part contracts with the Department of Defense. We concentrate on metal and plastic parts that are machined, fabricated, or cast with low to moderate annual volumes primarily associated with five year contracts. We take a government solicitation and turn it into a complete commercial package so that our partners can focus on what they do best, manufacturing parts.

**Company X Supply Chain Advantage**

Company X has small set of individually qualified manufacturing partners which we use to source production of parts. All of our manufacturing partners must adhere to strict quality requirements validated through regular on-site visits.

**Company X Software Advantage**

Company X has developed a complete set of in-house software which allows us to take the government EDI transactions and filter them to target the specific niche of each of our manufacturing partners. We can dynamically adapt our filters to match the current capabilities, appetite and capacity of each partner. This software also provides complete work flow management from solicitation to award to delivery.
Company X Engineering Advantage

A manufacturing engineer from our engineering team looks at every technical data package, creates a manufacturing process map, and then determines which partners are the best fit to produce it. All parts come with a “Master Record” which provides our partners with a quick look on everything needed to manufacture the part. Every part is assigned to a specific engineer who provides technical support throughout the manufacturing process.

Company X Inspection and Shipping Advantage

With an on-site DCMA QAR for source inspection and a complete packaging facility for all MILSPEC packaging up to, but not including, a clean-room, Company X manages all aspects of a government contract/delivery order.
Engineering Technical Services

Company X is at its heart an engineering firm with many resources to provide rapid manufacturing and logistics solutions to the US Government. Not only can we help once a problem part has been identified but Company X has developed software which allows us to work with the Defense Logistics Agency to help them identify potential problem parts before they become backorders.

Obsolete Parts Solutions

Instead of using surplus for a short term solution, we evaluate state-of-the-art engineering answers for obsolete parts and work to put in place a long term solution. Company X has a team of manufacturing engineers dedicated to supporting problem parts. Working closely with the Defense Logistics Agency and the In-Service Engineering Support Activities (TACOM, AMCOM, NAVSEA, NAVAIR, WR-ALC, TINKER etc.) we develop a complete sourcing solution. We not only reverse engineer and/or re-engineer parts but we also produce and provide the parts to the troops in the field and the sailors at sea.

- From Complex Submarine Parts…

- To Army Critical Suspension Components…

- To Electro-Mechanical Assemblies…

WE DELIVER RESULTS!!
Company X is registered ISO 9001:2000 and have been since the company’s first year.

All parts that Company X manufactures are carefully inspected to ensure that they are 100% specification compliant. We have a large capacity of in-house mechanical inspection equipment and maintain an ISO 10012 compliant inspection system. Most government source inspections are done in house at Company X.

Our customers recognize our superior quality and have rewarded us:
- 2004 Gold Medal, Best Value Supplier, by the Defense Supply Center Richmond
- Class II and III Fastener Qualified Supplier by the Defense Supply Center Philadelphia
- Verified Supplier Lists for: Nuclear, Level 1 and Sub-Safe repair parts for the US Navy
- Company X maintains a 100% quality rating by DLA’s AVBS score
Appendix B
Qualification Part Drawings

Included in this appendix are the following drawings and first page of specifications required for production:

New Proposed TDP:

<table>
<thead>
<tr>
<th>CAGE</th>
<th>Drawing</th>
<th>Data Rights</th>
</tr>
</thead>
<tbody>
<tr>
<td>XXXXX</td>
<td>XXXXX-X</td>
<td>UNLIMITED</td>
</tr>
</tbody>
</table>

Supporting Specifications (only first page provided):
RR-W-410

OEM Data (provided for reference):

<table>
<thead>
<tr>
<th>CAGE</th>
<th>Drawing</th>
<th>Data Rights</th>
</tr>
</thead>
<tbody>
<tr>
<td>45152</td>
<td>1307990 Rev B</td>
<td>Government owned with unlimited rights</td>
</tr>
<tr>
<td>45152</td>
<td>1308000 Rev C</td>
<td>Government owned with unlimited rights</td>
</tr>
<tr>
<td>45152</td>
<td>1308010-U Rev Basic</td>
<td>Government owned with unlimited rights</td>
</tr>
</tbody>
</table>

See Appendix M for more data on the TDP creation and test plans

Source Approval Request
NSN 1640-01-281-5201
Notes:

1. QUALIFICATION TESTING: TEST FIRST ASSEMBLY TO FAILURE TO ENSURE TOTAL STRENGTH EXCEEDS REQUIREMENT. QUALIFICATION IS REQUIRED FOR ANY CHANGE IN MANUFACTURING PROCESS, ASSEMBLY MANUFACTURER OR CHANGE IN SUB COMPONENT MANUFACTURER.

2. SEIZE END OF ROPE NOT ATTACHED TO SOCKET

3. PREPARE FOR DELIVERY: WIND ONTO REEL WITH SEIZED END ON OUTSIDE OF COIL

4. ONLY THE ITEM AS DESCRIBED ON THIS DRAWING WHEN PROCURED FROM THE VENDORS LISTED HEREIN IS APPROVED.

5. 100% INSPECTION REQUIRED ON THIS Dimension. NOT APPLICABLE TO SPELTERED SOCKET OPTION.

6. ALTERNATE PART NUMBER (NOT SHOWN): XXX SWAGE STYLE OPEN STEEL SOCKET FOR USE WITH XXX TON MINIMUM RATING

Notes:

1. QUALIFICATION TESTING: TEST FIRST ASSEMBLY TO FAILURE TO ENSURE TOTAL STRENGTH EXCEEDS REQUIREMENT. QUALIFICATION IS REQUIRED FOR ANY CHANGE IN MANUFACTURING PROCESS, ASSEMBLY MANUFACTURER OR CHANGE IN SUB COMPONENT MANUFACTURER.

2. SEIZE END OF ROPE NOT ATTACHED TO SOCKET

3. PREPARE FOR DELIVERY: WIND ONTO REEL WITH SEIZED END ON OUTSIDE OF COIL

4. ONLY THE ITEM AS DESCRIBED ON THIS DRAWING WHEN PROCURED FROM THE VENDORS LISTED HEREIN IS APPROVED.

5. 100% INSPECTION REQUIRED ON THIS Dimension. NOT APPLICABLE TO SPELTERED SOCKET OPTION.

6. ALTERNATE PART NUMBER (NOT SHOWN): XXX SWAGE STYLE OPEN STEEL SOCKET FOR USE WITH XXX TON MINIMUM RATING

**Table:**

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CAGE</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>75535</td>
<td>S-501 SOCKET</td>
<td>SWAGE STYLE OPEN STEEL SOCKET FOR USE WITH XXX DIA WIRE ROPE XXX TON MINIMUM RATING</td>
</tr>
<tr>
<td>2</td>
<td>AR</td>
<td>XXXX</td>
<td>XXXX WIRE ROPE</td>
<td>XXX TON MINIMUM RATING</td>
</tr>
</tbody>
</table>

**Notes:**

1. QUALIFICATION TESTING: TEST FIRST ASSEMBLY TO FAILURE TO ENSURE TOTAL STRENGTH EXCEEDS REQUIREMENT. QUALIFICATION IS REQUIRED FOR ANY CHANGE IN MANUFACTURING PROCESS, ASSEMBLY MANUFACTURER OR CHANGE IN SUB COMPONENT MANUFACTURER.

2. SEIZE END OF ROPE NOT ATTACHED TO SOCKET

3. PREPARE FOR DELIVERY: WIND ONTO REEL WITH SEIZED END ON OUTSIDE OF COIL

4. ONLY THE ITEM AS DESCRIBED ON THIS DRAWING WHEN PROCURED FROM THE VENDORS LISTED HEREIN IS APPROVED.

5. 100% INSPECTION REQUIRED ON THIS DIMENSION. NOT APPLICABLE TO SPELTERED SOCKET OPTION.

6. ALTERNATE PART NUMBER (NOT SHOWN): XXX SWAGE STYLE OPEN STEEL SOCKET FOR USE WITH XXX DIA WIRE ROPE XXX TON MINIMUM RATING

**Notes:**

1. QUALIFICATION TESTING: TEST FIRST ASSEMBLY TO FAILURE TO ENSURE TOTAL STRENGTH EXCEEDS REQUIREMENT. QUALIFICATION IS REQUIRED FOR ANY CHANGE IN MANUFACTURING PROCESS, ASSEMBLY MANUFACTURER OR CHANGE IN SUB COMPONENT MANUFACTURER.

2. SEIZE END OF ROPE NOT ATTACHED TO SOCKET

3. PREPARE FOR DELIVERY: WIND ONTO REEL WITH SEIZED END ON OUTSIDE OF COIL

4. ONLY THE ITEM AS DESCRIBED ON THIS DRAWING WHEN PROCURED FROM THE VENDORS LISTED HEREIN IS APPROVED.

5. 100% INSPECTION REQUIRED ON THIS DIMENSION. NOT APPLICABLE TO SPELTERED SOCKET OPTION.

6. ALTERNATE PART NUMBER (NOT SHOWN): XXX SWAGE STYLE OPEN STEEL SOCKET FOR USE WITH XXX DIA WIRE ROPE XXX TON MINIMUM RATING

**Notes:**

1. QUALIFICATION TESTING: TEST FIRST ASSEMBLY TO FAILURE TO ENSURE TOTAL STRENGTH EXCEEDS REQUIREMENT. QUALIFICATION IS REQUIRED FOR ANY CHANGE IN MANUFACTURING PROCESS, ASSEMBLY MANUFACTURER OR CHANGE IN SUB COMPONENT MANUFACTURER.

2. SEIZE END OF ROPE NOT ATTACHED TO SOCKET

3. PREPARE FOR DELIVERY: WIND ONTO REEL WITH SEIZED END ON OUTSIDE OF COIL

4. ONLY THE ITEM AS DESCRIBED ON THIS DRAWING WHEN PROCURED FROM THE VENDORS LISTED HEREIN IS APPROVED.

5. 100% INSPECTION REQUIRED ON THIS DIMENSION. NOT APPLICABLE TO SPELTERED SOCKET OPTION.

6. ALTERNATE PART NUMBER (NOT SHOWN): XXX SWAGE STYLE OPEN STEEL SOCKET FOR USE WITH XXX DIA WIRE ROPE XXX TON MINIMUM RATING

**Notes:**

1. QUALIFICATION TESTING: TEST FIRST ASSEMBLY TO FAILURE TO ENSURE TOTAL STRENGTH EXCEEDS REQUIREMENT. QUALIFICATION IS REQUIRED FOR ANY CHANGE IN MANUFACTURING PROCESS, ASSEMBLY MANUFACTURER OR CHANGE IN SUB COMPONENT MANUFACTURER.

2. SEIZE END OF ROPE NOT ATTACHED TO SOCKET

3. PREPARE FOR DELIVERY: WIND ONTO REEL WITH SEIZED END ON OUTSIDE OF COIL

4. ONLY THE ITEM AS DESCRIBED ON THIS DRAWING WHEN PROCURED FROM THE VENDORS LISTED HEREIN IS APPROVED.

5. 100% INSPECTION REQUIRED ON THIS DIMENSION. NOT APPLICABLE TO SPELTERED SOCKET OPTION.

6. ALTERNATE PART NUMBER (NOT SHOWN): XXX SWAGE STYLE OPEN STEEL SOCKET FOR USE WITH XXX DIA WIRE ROPE XXX TON MINIMUM RATING

**Notes:**

1. QUALIFICATION TESTING: TEST FIRST ASSEMBLY TO FAILURE TO ENSURE TOTAL STRENGTH EXCEEDS REQUIREMENT. QUALIFICATION IS REQUIRED FOR ANY CHANGE IN MANUFACTURING PROCESS, ASSEMBLY MANUFACTURER OR CHANGE IN SUB COMPONENT MANUFACTURER.

2. SEIZE END OF ROPE NOT ATTACHED TO SOCKET

3. PREPARE FOR DELIVERY: WIND ONTO REEL WITH SEIZED END ON OUTSIDE OF COIL

4. ONLY THE ITEM AS DESCRIBED ON THIS DRAWING WHEN PROCURED FROM THE VENDORS LISTED HEREIN IS APPROVED.

5. 100% INSPECTION REQUIRED ON THIS DIMENSION. NOT APPLICABLE TO SPELTERED SOCKET OPTION.

6. ALTERNATE PART NUMBER (NOT SHOWN): XXX SWAGE STYLE OPEN STEEL SOCKET FOR USE WITH XXX DIA WIRE ROPE XXX TON MINIMUM RATING
FEDERAL SPECIFICATION
WIRE ROPE AND STRAND

The General Services Administration has authorized the use of this federal specification by all federal agencies.

1. SCOPE AND CLASSIFICATION

1.1 This specification covers wire ropes and wire seizing strands (see 6.1). This specification does not include all types, classes, constructions, and sizes of wire rope and strand that are commercially available, but it is intended to cover the more common types, classes, constructions, and sizes that are suitable for federal government use.

1.2 Classification.

1.2.1 Types, classes, and sizes. Wire ropes and wire seizing strands covered by this specification shall be of the following types, classes, constructions, and sizes as specified (see 6.2 (b)). For general rules for selection of wire rope and strand, see 6.3 and the Wire Rope Users Manual. For wire rope and strand definitions and tellils, see 6.4 and the Wire Rope Users Manual.

Type 1 - General purpose wire ropes
Class 1 - 6 by 19
Construction 1 - 6 by 19 (2 operations)
Construction 2 - 6 by 19 Warrington
Construction 3 - 6 by 19 Seale
Construction 4 - 6 by 19 Filler wire
Construction 5 - 6 by 19 Warrington-Seale

Source Approval Request
NSN 1640-01-281-5201
### OEM DRAWINGS INSERTED HERE (IF APPLICABLE)

1. "IDENTIFY SOURCE(S) BE CONST OR CONT OF SUPPL

2. SEE OSH DRAWING TECHNICAL

3. "ONLY WHEN PROD CORP TO THE C SUB COM PRIOR NOTIFICATION TO AND APPROVAL FROM NEXT ASSY USED ON

<table>
<thead>
<tr>
<th>SUGGESTED SOURCE(S) OF SUPPLY</th>
<th>DATE</th>
<th>APPROVED</th>
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</thead>
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<tr>
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<td>2-27-84</td>
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</table>
Appendix C Qualification
Part Detailed
Manufacturing Plan

Included in this appendix is the detailed manufacturing plan(s) which identify all processes and materials as well as which steps will be performed by subcontractors. A detailed list of subcontractors is provided in appendix F.
**Subcontractor:**

<table>
<thead>
<tr>
<th>Operation No</th>
<th>Resource</th>
<th>Operation Description</th>
<th>Date</th>
<th>Qty</th>
<th>Rej</th>
<th>Person</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Purchasing</td>
<td>CAGE: None</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>XXX EIPS xxxx IWRC WIRE ROPE TYPE I, CLASS 3, CONSTRUCTION 6 PER RR-W-410 MIN Breaking strength 45 tons CERTIFICATIONS REQUIRED</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Purchasing</td>
<td>CAGE: Open Socket for X-inch wire rope Swage style (S-501) or YYY style (S-416) Minimum 45 ton rating CERTIFICATIONS REQUIRED</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Fabricate</td>
<td>Wire Cutter</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cut 1&quot; Domestic Wire Rope to 150 ± 1 ft</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Assemble</td>
<td>National Four Post Swaging Machine</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Swage socket to wire rope</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Inspection</td>
<td>QC Dept</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Inspect sockets after assembly for after-swage diameter (1.80 inches max) &amp; record results for each assembly. Supply results w/ each shipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>Testing</td>
<td>QC Dept</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Test First Article to failure &amp; record break strength (&gt;45 Tons). Supply results w/ first shipment. Repeat test if any change in manufacturing process or socket type switch.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>Preparation for Delivery</td>
<td>Packaging Dept Wrap assembly onto a suitable reel with the socket end on the inside. Seize &amp; staple opposite end to reel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**P.O.:**

- **MP Rev:** A
- **MP Rev Date:** 11/23/2009

**Company X Inc - CAGE:**

**Job No:**

**Quantity:**

**HEAT NUMBER:**

**Original Date:** 11/23/2009

**Drawing ID:** XXX Rev A

**Complete to Print**

**Traveler Template: Rev B**

**Last Updated:** 12/9/2008
Appendix D
Master Tooling Certification

The nature of these parts requires no master tooling and therefore no master tooling certification is required.
Appendix E - Data Certification

TECHNICAL DATA RIGHTS CERTIFICATION LETTER

I am an officer and employee of the above name legal entity with the responsibility for investigating the facts upon which this certification is made.

To the best of my knowledge and information obtained from my recent investigation:

a. I believe and certify that the technical data submitted to the Defense Supply Center Columbus as a part of my company’s request for approval as potential source for the purpose of obtaining a contract were obtained by legal means by my company, without breach of any contractual or confidential relations pertaining to said technical data by my company, its current or recent employees; and

b. I believe and certify that my company, its current or recent employees did not obtain or receive any technical data marked with a company’s proprietary rights legend or a Government limited rights legend from any U.S. Governments agency or employee or other third parties that were used in the preparation of or were incorporated into the request for approval or its supporting technical data other than as described herein; and

c. I certify that my company has the legal right to use said technical data to manufacture the below identified part for the United States Government. To the extent that said technical data are marked with a company's proprietary rights or a Government limited rights legend or are otherwise believed to be or have in the past been the proprietary data of another company, the following documents which are attached hereto and made a part of the certification have formed the basis for claiming legal right to use said technical data.

THIS CERTIFICATION CONCERNS A MATTER WITHIN THE JURISDICTION OF AN AGENCY OF THE UNITED STATES AND THE MAKING OF A FALSE, FICTITIOUS, OR FRAUDULENT CERTIFICATION MAY RENDER THE MAKER SUBJECT TO PROSECUTION UNDER THE TITLE 18, UNITED STATES CODE, SECTION 1001.

THIS CERTIFICATION APPLIES TO:
NSN 1640-01-281-5201 PIN

President/CEO Signature block
Appendix F
Qualification Part Sub-Contractor List

P/N 00 – Fabrication and Testing
CAGE:
Phone –
Fax –

P/N 16 – Socket
CAGE:
Phone –
Fax –

P/N 00 – Wire Rope
CAGE: None
Phone –
Appendix M - Test Plans

Discussion of the TDP:
The TDP was created using samples provided by LMC from the inventory they are using to support this part for the contracting effort. The design proposed by Company X is an exact form fit & function equivalent to the current design. In addition to the two unused samples of the current design and we reviewed a copy of the current drawing package for creation of this new TDP. The socket is being procured from the same manufacturer of the OEM. The wire is being procured in accordance with the federal specification RR-W-410 which the current wire from Wire Co (parent company of YYY) also meets.

Swage vs Spelter Socket:
The Company X design features the swaged YYY socket (01) with the speltered socket (6) as an optional substitute. Both sockets are made in the USA by YYY Group and meet the dimensional requirements of the original design. The current TDP shows the same speltered option (drawing YYY) with the open swage socket listed as an alternate. Company X featured the swaged option as the primary socket since we wanted to feature the after swage measurement to ensure the swaging is done correctly if that option was chosen.

Suggested Test Plans:
A destructive test on the first assembly will be performed to ensure the strength requirements are met or exceeded (drawing YYY note 1). This destructive test will be re-done any time there is a change in manufacturing process or component supplier. Additionally the after swaged dimension will be checked on 100% of swaged assemblies per note 5 (see the IMS in appendix P). Due to the fact that we are using the same materials as the current product and these tests will ensure that the military is getting a product that meets or exceeds the current assembly we would suggest that no additional testing be required.
Appendix N
Licensee Agreement

There is no license agreement between Company X and the OEM and so this section is not applicable.
Attached are the inspection method sheets for the part we are seeking source approval for. In all cases we sample with an AQL=0.
## INSPECTION METHOD SHEET

<table>
<thead>
<tr>
<th>Part Name</th>
<th>Part Number</th>
<th>Rev</th>
<th>Date</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Contract Number:</th>
<th>Serial #:</th>
<th>MP:</th>
<th>P.O.:</th>
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<tbody>
<tr>
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<th>Inspected By:</th>
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<tr>
<td>n/a</td>
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<td>- Critical Chars</td>
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<th>Lot Size:</th>
<th>Sampling Plan:</th>
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<td>STEEL (SEE BOM)</td>
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<td>ANSI-Z1.4 Level II, Rej on 1</td>
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### Drawing Characteristics

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<th>Inspection Method</th>
<th>SS</th>
<th>A</th>
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<tbody>
<tr>
<td>Ź</td>
<td>1.80 MAX after swaging</td>
<td>Micrometer 100%</td>
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<td>151 ± 1 ft</td>
<td>Certified Tape Measure</td>
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<td>Ź</td>
<td>Break strength greater than 45 tons (note 1)</td>
<td>Verify test results and certification that no changes since testing occurred</td>
<td></td>
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<tr>
<td>Ź</td>
<td>Workmanship</td>
<td>VISUAL 100%</td>
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<tr>
<td>Ź</td>
<td>Socket p/n S-501</td>
<td>Verify Crosby Certification 100%</td>
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**Note:**
- Ź - Critical Chars
- O - Minor Chars
- Major Chars

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**Certification:**
- Break strength greater than 45 tons (note 1)
- Workmanship
- Socket p/n S-501
Appendix Q
Engine Part Special Requirements

These parts are not part of an engine assembly and therefore this section does not apply.

Appendix R
Technical Briefing

Upon request of DSCC or any of the Engineering Support Activities, Company X Inc will be happy to provide a technical briefing.

Appendix S
Sample Part

Sample parts have been manufactured and are available should the ESA like to review them. Please note that the sample parts only contain 5 feet of cable in lieu of the required 150 feet as the connection is the only critical portion.

Appendix T
Value Added

There is no additional data essential to the manufacturing of these items that were not already presented in earlier sections of this source approval request.

Source Approval Request
NSN 1640-01-281-5201