

JUSTIFICATION FOR QUALIFICATION REQUIREMENTS
FOR
RQR-848, REVISION 1

1. DESCRIPTION OF SERVICES OR SUPPLIES

- 1.1. This justification applies to pre-award qualifications for repair, overhaul, or remanufacture of Air Force Sustainment Center commodity items managed by the 848th Supply Chain Management Group, for which engineering authority has been delegated. The Master Item List can be found as Tab 3 of the coordination package.
- 1.2. This Justification for Qualification Requirements (JQR) only applies to those items with a criticality designation of Critical Application Item (CAI) or Critical Safety Item (CSI) and is coded with the following Repair Method Suffix Codes (RMSC) and Expendability, Recoverability, Reparability Category (ERRC) codes. The Engineering Support Activity (ESA) must process a Qualification Requirement Waiver pursuant to FAR 9.202(b) for all other RMSC codes not listed below (except G).

RMSC: C, D, K, M, N, P, Q, R, S, V, and Z

ERRC: C, P, S, T, or U
- 1.3. The work required for the items covered by this justification include repair or overhaul services or remanufacture supplies and is defined in the applicable contract Performance Work Statement or Statement of Work. Generally speaking, repair or overhaul services return unserviceable items to a serviceable condition through necessary testing, evaluation, disassembly, replacement of worn parts, and re-assembly. Remanufactured supplies, on the other hand, consists of the major overhaul of an item resulting in an item that is returned to its original life expectancy, or nearly so, through complete disassembly and rehabilitation or replacement of worn components.
- 1.4. The function of the items covered by this justification include a variety of Line Replaceable Units (commodity items) performing various functions on the aircraft. Systems supported by these items include, but are not limited to, navigation, communications, flight control, fuel delivery, life support, environmental control, aerial refueling, and structures.

2. JUSTIFICATION FOR QUALIFICATION REQUIREMENTS

- 2.1. The items contain critical characteristics and meet the requirements of either a Critical Application Item (CAI) or Critical Safety Item (CSI) as defined by the Joint Aeronautical Commanders Group Critical Safety Item Handbook.
 - 2.1.1. CSI: A part, assembly, installation equipment, launch equipment, recovery equipment, or support equipment for an aircraft or aviation weapons system that contains a characteristic any failure, malfunction, or absence of which could cause a catastrophic or critical failure resulting in the loss or serious damage to the aircraft or weapons system, an unacceptable risk of personal injury or loss of life, or an uncommanded engine shutdown that jeopardizes safety. Damage is considered

serious or substantial when it would be sufficient to cause a “Class A” accident or a mishap of severity category I. The determining factor in CSIs is the consequence of failure, not the probability that the failure or consequence would occur.

- 2.1.2. CAI: An item that is essential to weapon system performance or operation, or the preservation of life or safety of operating personnel, as determined by the military service.
 - 2.2. The items covered by this JQR require pre-award qualification of a potential source because these items are critical, at a minimum meeting the definition of CAI or CSI, and require one or more specialized repair processes that must be controlled and monitored. These repair processes require the use of specialized equipment and unique capabilities that increase technical risk and, ultimately, may affect aircraft operation and personnel safety. Examples of these capabilities include, but not limited to, special cleaning processes, welding, brazing, soldering, removal and application of protective coatings for corrosion control, non-destructive inspection, high pressure testing, specialized electronics testing, and machining. These capabilities are controlled through various process control procedures, quality assurance provisions, and safety programs. Additionally, these controls support the approved configuration and performance baselines of the items to retain airworthiness certification and enable Operational Safety, Suitability, and Effectiveness (OSS&E) requirements to be met.
 - 2.3. Pre-award qualification of potential sources minimizes supply chain and technical risk through evaluation of the potential source’s technical capabilities, facilities, production management processes, and quality assurance systems prior to requirement solicitation. This risk reduction, combined with minimizing the administrative and production lead times of the items covered by this JQR, enable effective supply chain support, avoid gaps in requirement coverage, and minimizes technical risk.
3. QUALIFICATION REQUIREMENT
 - 3.1. Qualification requirements are set forth in the RQR-848.
 4. COST OF QUALIFICATION
 - 4.1. The cost associated with the preparation of a qualification waiver or SAR package may be as much as \$5,000.
 - 4.2. The cost incurred by the Government for the evaluation of the package may be as much as \$2,500. This evaluation cost is typically borne by the Government because it is in the best interest of the Government to qualify alternate sources.
 5. QUALIFICATION REQUIREMENT EXPIRATION
 - 5.1. Pursuant to FAR 9.202(f), the qualification requirement established above must be examined and revalidated within 7 years of the establishment of the requirement.

COORDINATION AND APPROVAL

COORDINATION

[Redacted]
[Redacted], 422 SCMS/GUEA
Engineering Flight Chief

[Redacted]
[Redacted], 424 SCMS/GUEA
Engineering Flight Chief

[Redacted]
[Redacted], AFSC/PZC
Competition Advocate

[Redacted]
[Redacted], 423 SCMS/GUEA
Engineering Flight Chief

[Redacted]
[Redacted] AFSC/SB
Small Business Director

APPROVAL

[Redacted]
[Redacted], 848 SCMG/EN
Director of Engineering

[Redacted] 19 Jun 2017
[Redacted], AFSC/PZA
Chief of Contracting

The Authority granted by the signatures for qualification requirement shall not exceed seven (7) years past the last signed date. Qualification requirements shall be examined and revalidated if the last signed date is over seven (7) years old (FAR 9.202(f)).