Qualification Waiver Criteria of Part Number: _____

Qualification by similarity is not guaranteed, even if every block is completed. 417 SCMS/GUEA has reserved the right to require a prequalification article from every offeror and the right to have final determination of prequalification article approval. If the prequalification article is not found acceptable, the vendor will not be added to the 761 as an approved source. In addition, this critical characteristics list may change at any time, due to failures or other circumstances.

Manufacturer's Name: _____ **FSCM:** _____

P/N(s) of Similar Item: _____ **Contract Delivered on:** _____

*If multiple P/Ns, attach sheet with P/N list. All P/Ns must be grouped by weapon system and have similar technical requirements and features. A critical characteristic comparison table of all P/Ns is required.

Evaluation of the Critical Characteristics of the Qualification Item:

If Meets 1st Check Box
(☑ Yes)

Item Material (Must be the same material):

❒ Qualification Item Material: _____ Forging (HT _____ ksi)

❒ Similar Item Material: _____ Forging (HT _____ ksi)

Forging/Casting:

❒ Access to original Forging Dies Original Forging Dies No:_____

❒ Access to original Casting Source Original Casting Source Name: _____

❒ Welding in accordance with Drawing (XYZ), Source: _____

Machining: **(Check Qual Item if operation used & Check Similar item if the same as Qual)**

❒ **Threads** _____ UNF-3B, MIL-S-8879 ❑ Qual. Item ❑ Similar Item

❒ Internal bores **TIR/Tolerances** _____ ❑ Qual. Item ❑ Similar Item

❒ **Perpendicularity/parallels** to specifications _____ ❑ Qual. Item ❑ Similar Item

❒ Tightest **Tolerances**: _____ ❑ Qual. Item ❑ Similar Item

❒ **RMS** of √ _____ ❑ Qual. Item ❑ Similar Item

❒ Bushing Installation ❑ Qual. Item ❑ Similar Item

Processes: **(Check if Certs are Provided/Verified & if Performed by In-House or Sub Vendor)**

❒ **FMPI** in accordance with **ASTM E1444** ❑ Qual. Item ❑ Similar Item ❑ In-House ❑Sub

❒ **FPI** in accordance with **ASTM E1417** ❑ Qual. Item ❑ Similar Item ❑ In-House ❑Sub

❒ **Grinding** in accordance with **MIL-STD-866** ❑ Qual. Item ❑ Similar Item ❑ In-House ❑Sub

❒ **Temper-etch** in accordance with **MIL-STD-867** ❑ Qual. Item ❑ Similar Item ❑ In-House ❑Sub

❒ **Shot Peen** in accordance with **MIL-S-13165** ❑ Qual. Item ❑ Similar Item ❑ In-House ❑Sub

❒ **Ti-Cadmium Plate** in accordance with **MIL-STD-1500** ❑ Qual. Item ❑ Similar Item ❑ In-House ❑Sub

❒ **Cadmium Plate** in accordance with **MIL-STD-870** ❑ Qual. Item ❑ Similar Item ❑ In-House ❑Sub

❒ **Chrome Plate** in accordance with **MIL-STD-1501** ❑ Qual. Item ❑ Similar Item ❑ In-House ❑Sub

❒ **HVOF Coat** in accordance with **USAF 200310641** ❑ Qual. Item ❑ Similar Item ❑ In-House ❑Sub

❒ **HVOF Grind** in accordance with **USAF 200310642** ❑ Qual. Item ❑ Similar Item ❑ In-House ❑Sub

❒ **Nickel Plate** in accordance with **MIL-STD-868** ❑ Qual. Item ❑ Similar Item ❑ In-House ❑Sub

❒ **Anodize** in accordance with **MIL-A-8625 (Type ____)** ❑ Qual. Item ❑ Similar Item ❑ In-House ❑Sub

❒ **Threads** in accordance with **MIL-S-8879 (Safety Critical)** ❑ Qual. Item ❑ Similar Item ❑ In-House ❑Sub

❒ **LHE Zn-Ni Plate** in accordance with **USAF 201027456** ❑ Qual. Item ❑ Similar Item ❑ In-House ❑Sub

Facilities:

❒ Quality Program Mil-I-45208 (Critical & Complex Items)

❒ Logistics Capability ❑ Qual. Item ❑ Similar Item

(Provide information to ascertain ability to plan, assemble, test, and deliver on-time assembled items)

Notes of relevance: _____

_____

_____

_____

❒ In-house Capabilities

Notes of relevance: _____

_____

_____

_____

❒ Vendors and Certifications

Notes of relevance: _____

_____

_____

_____

❒ Quality History

Notes of relevance: _____

_____

_____

_____