DEPARTMENT OF THE AIR FORCE
OKLAHOMA CITY AIR LOGISTICS COMPLEX
(AFMC) TINKER AIR FORCE BASE
OKLAHOMA

May 19, 2026

TO: AFSC/PZIM

FROM: OC-ALC/OBCA for 76 AMXG

SUBJECT: Brand Name Justification for A26-068 B-1B Quackenbush Right Angle Drill

1. The 76th Aircraft Maintenance Group (AMXG) requires the procurement of four (4) Quackenbush Model 230QGDAV-RAC-SU-MS Positive Feed Drills to support [redacted] heavy-duty, high-torque precision drilling in aircraft structures.

2. The procurement of the Quackenbush Model 230 is strictly required due to Technical Order (TO) mandates, operational throughput necessities, and the documented [redacted] of alternative platforms. Execution of depot maintenance task 1B160 (and historically 1B107) is governed by TO 1B-1B-6WS-3. Paragraph 3.12 (Pg. 3-40) and Table 3-8 (Pg. 3-18) explicitly mandate this specific drill.

3. Market research for Quackenbush 230 Positive Feed Drills (NAICS 333991) was conducted via SAM.gov, DSBS, and GSA RFQ #1803762. Outreach to 177 vendors (160 via GSA; 17 via DSBS) yielded five responses and two validated Rough Order of Magnitudes (ROMs), including one from the OEM. Research confirms that while multiple resellers exist, the specific Quackenbush model is mandated by Technical Order (TO) 1B-1B-6WS-3 for [redacted] compatibility. These findings validate a Brand Name Justification strategy. OBCA recommends the procurement be competed among authorized small businesses and commercial resellers to fulfill the requirement.

4. For further information or clarification please contact Melvyna Brewer/ OC-ALC/OBCA, 405.736.7693.

5. I have determined, in accordance with FAR 6.302-1, that the circumstances of this contract action deem a specific brand name to be required.

[redacted]

PZIM Contracting Officer AFSC/PZIM	Name OC-ALC/OBCA