



**SMALL BUSINESS INNOVATION PROGRAMS
EXPLORED INNOVATIONS**

SECURING RESOURCES FOR US DEFENSE & COMMERCIAL INDUSTRIES

TOPIC NUMBER:
DLA181-009

TOPIC TITLE:
Increase
Competition through
Small Business
Source Approval
Request (SAR) for
DLA Nuclear
Enterprise Support
Office (NESO) NSNs.

**CONTRACT
NUMBER:**
SP4701-18-P-0087

SBIP COMPANY:
Parts Life, Inc.
Moorestown, NJ

**TECHNICAL
PROJECT
OFFICE:**
Reverse Engineering

PUBLISHED:
2019

NUCLEAR MODERNIZATION

Parts Life, Inc., Supports the Nuclear Enterprise by Reverse Engineering Seals for the Air Launched Cruise Missile

The Air Launched Cruise Missile (ALCM), a critical national asset designed in the 1970s to deploy from the B52 Stratofortress is the Defense Logistics Agency's (DLA) top weapons system priority. Until recently, the missile system required an alternate source of supply for non-metallic RAM Fin seals – critical parts required to keep the system operational. Legacy suppliers for the aging weapons system no longer produced the seals and the DLA Aviation's Nuclear Enterprise Support Office (NESO) worked for four years to procure the parts, without success.

To solve this critical requirement gap, DLA's Small Business Innovation Programs (SBIP) released a competitive solicitation to field small businesses capable of taking on the challenge. The contract was awarded to Parts Life, Inc., a small business based out of Moorestown, NJ, which specializes in custom obsolescence supply chain solutions. Within a year, Parts Life created the critically needed seals for the ALCM.

Mr. Stephen Connor, Program Manager for the NESO Inter-Continental Ballistic Missile (ICBM) /ALCM Weapon Systems Program said, "I would like to offer my sincerest appreciation for the efforts Parts Life, Inc. put forth the last year. The Air Force Engineering Support Activity (ESA), the ALCM, the F-107 Program Offices and I have been trying for over four years to develop an industrial base to support these critical nuclear platforms to no avail. These efforts show how great things can be accomplished with close collaboration between the Department of Defense and key sectors of the industrial base."

The project culminated in the ESA approving Parts Life, Inc., as a qualified source for the seals. Parts Life, Inc. is an ISO 9001: 2015, AS9100 D certified business.



DLA Seals. Photo courtesy of Parts Life, Inc., 2018



Made in the USA



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