

REPORT DOCUMENTATION PAGE

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1. REPORT DATE (DD-MM-YYYY) 05-03-2020		2. REPORT TYPE Final Report		3. DATES COVERED (From - To) May 3 2019 - Nov 2 2019	
4. TITLE AND SUBTITLE Reverse Engineering Technical Data Packages for Development of Alternate Sources of Supply for DLA Nuclear Enterprise Support Office (NESO) NSN: 4810-01-269-4808				5a. CONTRACT NUMBER SP4701-19-P-0036	
				5b. GRANT NUMBER 8506462674	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S) Buttles, Schluter-Fisk, Kessler				5d. PROJECT NUMBER DLA-183-010 Phase I	
				5e. TASK NUMBER none	
				5f. WORK UNIT NUMBER none	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Bailey Tool Manufacturing Co. DBA 600 W. Belt Line Road Lancaster, TX 75146-3019				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) DCSO Philadelphia 700 Robbins Ave. Philadelphia, PA 19111				10. SPONSOR/MONITOR'S ACRONYM(S) DCSO	
				11. SPONSORING/MONITORING AGENCY REPORT NUMBER	
12. DISTRIBUTION AVAILABILITY STATEMENT publicly available					
13. SUPPLEMENTARY NOTES none					
14. ABSTRACT Contractor proposed to engage in DLA's effort to expand elements of the National Technical Industrial Base through an exercise in preparation of Source Approval Request presentations to gain experience in qualifying for competition and award on NSNs of interest to Government. The purpose of this exercise to succeed in expanding the supply base in order to improve competition and increase product availability for various weapon system programs of particular interest to DOD in support of the Warfighter. Contractor will prepare and submit SAR document components for review and improvement along with accompany Gantt charts and other program information of importance to the procurement and program management functions in the DLA operations network. As necessary, Contractor will propose actual production of components in question and produce FAT parts and assemblies as required by agreement. Focus of the effort is to prepare Contractor to participate in future solicitations where specific weapon system requirements are competed in order to secure production for Warfighter efforts and to develop a beneficial relationship with DLA components.					
15. SUBJECT TERMS SAR, component, weapon system,					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT UU	18. NUMBER OF PAGES 1	19a. NAME OF RESPONSIBLE PERSON John Buttles
a. REPORT U	b. ABSTRACT U	c. THIS PAGE U			19b. TELEPHONE NUMBER (include area code) 469 916 1603

Contract Summary Report, Final
SBIR Topic DLA-183-010 Contract SP4701-19-0036
Fastener, Cylinder Barrel Short NSN 5305-01-661-8323
Reporting Period: May 3 2019 - Nov 2 2019

Project Summary:

Contractor proposed to engage in DLA's effort to expand elements of the National Technical Industrial Base through an exercise in preparation of Source Approval Request presentations to gain experience in qualifying for competition and award on NSNs of interest to Government. The purpose of this exercise to succeed in expanding the supply base in order to improve competition and increase product availability for various weapon system programs of particular interest to DOD in support of the Warfighter. Contractor will prepare and submit SAR document components for review and improvement along with accompany Gantt charts and other program information of importance to the procurement and program management functions in the DLA operations network. As necessary, Contractor will propose actual production of components in question and produce FAT parts and assemblies as required by agreement. Focus of the effort is to prepare Contractor to participate in future solicitations where specific weapon system requirements are competed in order to secure production for Warfighter efforts and to develop a beneficial relationship with DLA components.

Summary of Work Accomplished:

Under this Phase I effort, Contractor accomplished the following activities designed to lead to qualification for submitting SAR packages in response to DOD requests for competition on NSNs of interest to Government and successful award after consideration by contracting authorities:

1. Review of initial requirements from DLA customer to assess project requirements and fulfillment of project goals, including resolution of any obsolescence, contradictions, inaccuracies that would make preparing manufacturing data and ultimate performance of manufacturing requirements in compliance with plans either difficult or impossible.
2. Evaluation of Technical Data Package for review of product requirements and preparation of manufacturing control plans and accompanying data required to competently propose a response to procurement actions from DLA and related DOD customers.
3. Preparation of program management reports and documents, including monthly reports, Gantt charts, supplementary CAD drawings, models, engineering views and support information to accompany preparation of control plans and manufacturing data to be assembled into Source Approval Request packages to be submitted for review.
4. Preparation of SAR document package to be used as a model for subsequent submissions in procurement opportunities with DLA and other DOD components as opportunities arise.
5. Submit SAR to an Engineering Source Activity agent for review and make corrections, modifications and adjustments as recommended.

