The following clauses and flow-down requirements are to be incorporated in all purchase orders with Hill AFB and ATK/Northrup Grumman:

*Hill AFB Flow-down Requirements:

See Federal Acquisition Regulations (FAR)

52.203-13, Contractor Code of Business Ethics and Conduct (Oct 2015) (41 U.S.C. 3509).

52.203-16 Preventing Personal Conflicts of Interest (DEC 2011)

(i) 52.219-8, Utilization of Small Business Concerns (Oct 2014) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$650,000 (\$1.5 million for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(ii) 52.222-17, Nondisplacement of Qualified Workers (May 2014) (E.O. 13495). Flow down required in accordance with paragraph (1) of FAR clause 52.222-17.

(iii) 52.222-21, Prohibition of Segregated Facilities

(Apr 2015). (v) 52.222-26, Equal Opportunity (Sep

2016) (E.O. 11246).

(vi)52.222-35, Equal Opportunity for Veterans (Oct 2015) (38 U.S.C. 4212).

(vii) 52.222-36, Equal Opportunity for Workers with Disabilities (Jul 2014) (29 U.S.C. 793).

(viii) 52.222-37, Employment Reports on Veterans (Feb 2016) (38 U.S.C. 4212).

(ix)52.222-40, Notification of Employee Rights Under the National Labor Relations Act (Dec 2010) (E.O. 13496). Flow down required in accordance with paragraph (f) of FAR clause 52.222-40.

(x)52.222-41, Service Contract Labor Standards (May 2014), (41 U.S.C. chapter 67).

(xi) (A) 52.222-50, Combating Trafficking in Persons (Mar 2015) (22 U.S.C. chapter 78 and E.O. 13627).

(B) Alternate I (Mar 2015) of 52.222-50 (22 U.S.C. chapter 78 E.O. 13627).

(xii) 52.222-51, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements (May 2014) (41 U.S.C. chapter 67.)

(xiii) 52.222-53, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services--Requirements (May 2014) (41 U.S.C. chapter 67)

(xiv) 52.222-54, Employment Eligibility Verification (Oct 2015).

(xv) 52.222-55, Minimum Wages Under Executive Order 13658 (Dec 2015) (E.O. 13658).

(xvi) 52.222-60, Paycheck Transparency (Executive Order 13673) (Oct 2016).

(xvii) 52.225-26, Contractors Performing Private Security Functions Outside the United States (Jul 2013) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. 2302 Note)

(xviii) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (May 2014) (42 U.S.C. 1792). Flow down required in accordance with paragraph (e) of FAR clause 52.226-6.

(xix) 52.247-64, Preference for Privately-Owned U.S. Flag Commercial Vessels (Feb 2006) (46 U.S.C. Appx 1241(b) and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.

52.203-16 Preventing Personal Conflicts of Interest (DEC 2011)

52.203-17 CONTRACTOR EMPLOYEE WHISTLEBLOWER RIGHTS AND REQUIREMENT TO INFORM EMPLOYEES OF WHISTLEBLOWER RIGHTS (APR 2014)

(a) This contract and employees working on this contract will be subject to the whistleblower rights and remedies in the pilot program on Contractor employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (Pub. L. 112-239) and FAR 3.908.

(b) The Contractor shall inform its employees in writing, in the predominant language of the workforce, of employee whistleblower rights and protections under 41 U.S.C. 4712, as described in section 3.908 of the Federal Acquisition Regulation.

(c) The Contractor shall insert the substance of this clause, including this paragraph (c), in all subcontracts over the simplified acquisition threshold (End of clause)

****ATK / NORTHROP GRUMMAN REQUIREMENTS**

NORTHROP GRUMMAN INNOVATION SYSTEM FORMS REFERENCED IN THIS PURCHASE ORDER ARE NOT ENCLOSED. THEY ARE AVAILABLE ON AND CAN BE PRIMETED FROM NORTHROP GRUMMAN INNOTATION SYSTEMS WEB PAGE: WWW.NORTHROPGRUMMAN.COM/SUPPLIERS/PAGES/INNOVATIONSYSTEMST ERMSCONDITIONS.ASPX

QUALITY ASSURANCE DOCUMENT AFQA0001 (REV 03-18)

SUPPLIER/SUBCONTRACTOR QUALITY

REQUIREMENTS FOR PURCHASE AGREEMENTS

INT01: INTRODUCTION QQS1: QUALITY SYSTEM PER PURCHASE AGREEMENT QMT1: CALIBRATION QQR1: RIGHT OF ACCESS **QQR2: TRACEABILITY QQR4: CHANGE NOTIFICATION/CONTROL QQR6: DOCUMENTATION CONTROL QQR7: LEGIBILITY OF PAPERWORK QQR8: RETENTION OF RECORDS QQR12: STAMP CONTROL OOR13: PERSONNEL TRAINING QQR14: CONTROL OF COUNTERFEIT PARTS QQR16: COUNTERFEIT PART CERTIFICATION ONC1: NONCONFORMING ITEM REPLACEMENT QNC2: MRB DELEGATION QNC6 - SUSPENSION OF PRODUCTION/PROCESSING QPR1: FLOWDOWN REQUIREMENTS QPR2: SUB-TIER SUPPLIER CONTROL QPR5: ORBITAL ATK DISAPPROVAL OF SUB-TIER SUPPLIERS OPC1: WORK INSTRUCTIONS QFC1: FOD PREVENTION QIN9: SAMPLING NOT PERMITTED WITHOUT ORBITAL ATK APPROVAL OMC1: MATERIAL CONTROL QCO2: ORBITAL ATK AUDITS QPH1: PACKAGING AND HANDLING QPH5: CONTAINER IDENTIFICATION QSB9: INSPECTION DATA QSB18: CHEMICAL, PHYSICAL, AND/OR MECHANICAL TEST REPORTS OSB19: MATERIAL CERTIFICATIONS QSB23: AUTHORIZATION TO SHIP/PRE-SHIPMENT REVIEW QSB24: CERTIFICATION QMC3: REMAINING SHELF LIFE OMC5: ENVIRONMENTAL CONTROLS QMC6: ENVIRONMENTAL PACKAGING**