

APPENDIX 2 (APP 2)

Agency Case and Line Descriptions

Agency Case and Line Descriptions

The following identifies the articles and services which make up the direct costs identified in the Direct Cost column in Annex B of this Acquisition Agreement. Cost estimates are based on the assumption that the contractor(s) will be authorized at the outset to start work on the entire quantity of the purchase.

1. W1-D-ZAA/ZAA Procurement of Aircraft.

The aircraft engines and missions systems (based on the NATO AEW&C Configuration Baseline) have been delivered. However, the line will remain open until all residual items and supply services (to include post-production liaison support) under the F19628-79-C-0053 contract have been delivered. OSD Memo I-956/78, dated 10 Feb 1978, stated the US has agreed to waive the asset use charge application to the NATO E-3A program. Therefore, no asset use charge is included in this pricing.

a. Software Support & Training Facility (SSTF).

A major activity under this case is the acquisition of the Software Support and Training Facility (SSTF) for the MOB. This acquisition includes the relocation and incorporation of the Flight Acceptance Test Support Laboratory (FATSL) in accordance with NAPMO approvals.

b. Configuration Enhancements

The baseline configuration of the aircraft was enhanced to tailor the NATO E-3A to the requirements established by the Major NATO Commanders. These enhancements were completed under W1-D-ZAB.

2. W1-D-ZAA/ZAB Development Effort for NATO Configuration.

All major items have been delivered and development completed. The contract has been closed out and final payment has been made.

3. Training Equipment Requirements. This paragraph previously described line W1-D-ZAA/ZAC, CPGSC and Training Equipment. These requirements have been combined and the associated costs are now contained in lines W1-D-ZAA/ZAA and W1-D-ZAA/ZAB.

4. W1-D-ZAA/ZAK Engineering Change Orders. Deleted. The Engineering Change Order (ECO) funds for Direct Lines are included in W1-D-ZAA/ZAA and W1-D-ZAA/ZAB.

5. W1-D-ZAA/ZAD Peculiar Support Equipment (PSE). No further ordering will take place against this line. If it becomes necessary to order further equipment from USAF sources, a new case will be opened.

6. W1-D-ZAA/ZBF Initial Spares (Industrial Collaboration). No further ordering will take place against this line. Reconciliation actions for the supply services provided under the F19628-79-C-0054 contract are in progress. The performance period of this line has been extended to provide provisioning data for the SSTF under Contract F19628-79-C-0054.

7. W1-D-ZAA/ZAE, Spares Engines. Deleted. This line item was incorporated into W1-D-ZAA/ZAA.

8. W1-D-ZAA/ZBG, War Reserves Material (Industrial Collaboration). Deleted. Never executed.

9. W1-D-ZAA/ZAH, Contractor Engineering Technical Services (CETS). Deleted. Never executed.

10. W1-D-ZAA/ZAL Procurement and DOD Articles and Services for NAEGIS. Supply services complete.
11. W1-D-ZAA/ZAG CPGSC Operation and Software Maintenance. No further ordering will take place against this line. It will remain open until all items and supply services under the F19628-79-C-0053 contract have been delivered.
12. Flight Acceptance Test Support Laboratory (FATSL). The NAPMO retains title of the FATSL subsequent to N-18 acceptance, consistent with the terms and conditions of contract F19628-79-C-0053. The FATSL equipment was provided as GFE by the NAPMO to support installation in the SSTF (see Case W1-D-ZAA/N1-D-SAK/SBM).
13. W1-D-ZAA/ZBH, O&S Budget Component Funded Activities. Supply services complete.
14. W1-D-ZAA/ZAM, NATO E-3A Spare Engines. Supply services complete.
15. W1-D-ZEM, Master Case, Electronic Support Measures (ESM). The acquisition of an Electronic Support Measures (ESM) System for the E-3A aircraft will be conducted in three phases: Full Scale Development (FSD) and development testing, production, and retrofit. The detailed agreement on Full Scale Development is contained in the ESM Cooperative Development Agreement dated 17 November 1986. The USG and the NAPMO jointly developed a common ESM system for their respective E-3 fleets using common ESM Group B vendors. Throughout ESM Group B System production, the USG and NATO will maintain the US/NATO ESM configuration baseline under Class 1 configuration control using the configuration management principles contained in Section I, paragraph C of this Acquisition Agreement.
16. W1-D-ZAA/ZEN, ION Fume Detector. Deleted. Never executed.

17. W1-D-ZEP, Master Case, CC2E. Supply services complete. Statement for Certificate of Closure issued 27 May 1999.
18. W1-D-ZER, Master Case, Joint US/NATO RSIP. This case covers the joint cooperative US and NATO E-3A RSIP Engineering Manufacturing Development (EMD). Details are found in the Joint Program Baseline (JPB) signed 12 Nov 1993.
19. W1-D-ZES, Master Case, ESM Retrofit. Statement for Certificate of Closure issued 25 May 1999.
20. W1-D-ZET, Master Case, Block Upgrade Study. Supply Services complete. Statement for Certificate of Closure issued 25 May 1999.
21. W1-D-ZEW, Master Case, Contractor Acquisition Support and Studies for NATO E-3A Modernization Projects. This case funds Boeing Contractor acquisition support required by the Interoperability Review Group (IORG) as well as costs associated with the E-3 Common Software Support Working Group (ECSSWG) efforts.
22. W1-D-ZUA, Master Case, MOD BLOCK I. This case establishes Line 001 for the MOD BLOCK I Group A Design, Group B E-3A System Integration, installation and checkout of MOD BLOCK I hardware on the N-1 aircraft, design and test of MOD BLOCK I software, and conduct of E-3A Engineering Test and Evaluation, and system integration testing. MOD BLOCK I modifications to Mission Simulators 1 and 2 and N-1 Group A Design, N-1 Group A Kit, the Mission Simulator (MS) Control Power Supply (CPS) Mod & Installation (1 & 2), modification of up to 2 spare CPSs and the Mission Simulator #2 ESM MODs. Produce 18 Group A kits and 18 Group B kits for Color Displays, HAVE QUICK and Link 16. Conduct system qualification testing for MOD BLOCK I, MOD BLOCK I system FCA/PCA and kit proofing of the MOD BLOCK I kit

on N-2. Data and documentation to include drawings and Tech Order updates and System Software as required. Produce, deliver, install & checkout and test MOD BLOCK I upgrade for mission simulators 1 and 2 and produce Initial Spares in support of MOD BLOCK I. This case does not include pricing for Government Furnished Equipment/Property (GFE/GFP) nor does it include pricing for provisioning spares. There are initial spares priced in for MOD BLOCK I. Line 002 was established for Engineering Change Orders/Management Reserve. Line 003 was established to cover Emitter Simulation Support Equipment.

23. W1-D-ZUB, Master Case, ESM Group A and IB Delta. This case includes the ESM Group A production for the 17 aircraft NATO E-3A fleet and documentation under contract F19628-91-C0088. NAPMA will continue in its role as the NAPMO's executive agent and its personnel will be granted appropriate access to pertinent USAF program and support offices and supplying contractors' facilities. NAEW&C personnel may participate in all related management reviews, design reviews, technical interchanges, and similar USAF/contractor meetings. Configuration management will be in accordance with Section I, paragraph C of this Agreement. Specifically, implementation of change proposals affecting a common US/NATO ESM Configuration baseline requires decisions (which may be divergent) by the USAF and NAPMA CCBs.

a. Jointly funded special tooling and special test equipment procured under the ESM F19628-87-C0030 contract and/or this case will be treated as follows:

(1) When such tooling and test equipment ceases to be required for the performance of the contract, the contractor will be directed to await special instructions which will be given after coordination between the USAF and NAPMA.

(2) The USAF and NAPMA agree that they will not dispose of or relocate any such tooling or special test equipment if one or both parties have a continued requirement for such tooling and test equipment at its current location. If no such requirement exists, both parties will agree as to its new location and/or disposition.

(3) In case of a joint disposal decision, net proceeds, if any, will be credited to the USAF and the NAPMO in proportion to their share ratio of procurement costs.

(4) A determination may be made that title to particular tooling or test equipment rests solely with either the USAF or the NAPMO. In that case, the two parties agree that they will grant the other subsequent rent-free, non-interference use of such tooling or test equipment.

b. Title to special tooling and special test equipment funded entirely by one party shall rest with that party. Use of such equipment by the other party shall be in accordance with the MMOU, as addended.

c. This case does not include pricing for Government Furnished Equipment/Property nor does it include pricing for provisioning spares. Supply services complete.

24. W1-D-ZUC, Master Case, MOD BLOCK I and ESM Retrofit Acceptance Test (RAT). This case covers MOD BLOCK I and ESM RAT activities. Although the RAT activities for MOD BLOCK I and ESM are considered one integrated contract effort, separate line items are established under this case, in order to segregate the different funding sources supporting this effort. Line 001 covers MOD BLOCK I RAT. Line 002 covers ESM RAT. Line 003 covers MOD BLOCK I RAT Engineering Change Orders

(ECOs). Line 004 covers ESM RAT ECOs. Line 005 covers ESM Kit Proof. Line 006 covers ESM Peculiar Support Equipment (PSE), ESM Logistics DATA, ESM Support Equipment (SE) and other Logistics Items.

25. W1-D-ZUD, Master Case, RSIP Production and Retrofit Start-Up Activities. Line 001 covers RSIP Production Firm Fixed Price (FFP) CLINs on the Production Contract. Line 002, RSIP Production Non FFP, covers the costs of the Time and Material CLINs on the Production Contract. Line 003, RSIP Retrofit FFP, covers the costs of RSIP Retrofit FFP CLINs on the Production Contract. Line 004, RSIP Production and Retrofit ECOs, covers RSIP Production and Retrofit Engineering and/or Contractor Changes.

26. W1-D-ZUE, Master Case, NATO Mid-Term Program Risk Reduction Phase. This case was established to cover the 1997 Transition/Risk Reduction Activities contracted under the Boeing Contract F19628-91-C0088.

27. W1-D-ZUF, Master Case, NATO Mid-Term Modernization EMD. This case was established to cover the NATO Mid-Term Modernization EMD. It also includes the NAPMA sole source requirement for Boeing as the prime contractor for this effort. Line 001 was established to cover the Fixed Price Incentive Fee Effort. Line 002 was established to cover Time and Materials efforts. Line 003 was established to cover Engineering Change Orders/Management Reserve for the Mid Term Program. Line 004 was established to cover the Award Fee (NTE). Line 005 was established to cover the Proposal Preparation Costs (FFP/NTE).

ANNEX A

GLOSSARY OF ACRONYMS

ACC - Air Combat Command

ADS - Audio Distribution System

ADU - Auxiliary Display Unit

AETC - Air Education Training Command

AEW&C - Airborne Early Warning & Command

AFB - Air Force Base

AFSC - Air Force Cryptologic Support Center

AFMC - Air Force Material Command

AGA - After Go-Ahead

AGERD - Aerospace Ground Equipment Recommendation Data

AIL - Avionics Integration Laboratory

AM - Amplitude Modulated

ANDVT - Advanced Narrowband Digital Voice Terminal

AOCP - Airborne Operational Computer Program

ASIP - Aircraft Structural Integrity Program

ATI - Automatic Track Initiation

AWACS - Airborne Warning and Control System

BD&S - Boeing Defense & Space Company

BDP - Baseband Distribution Panel

BLSS - Base Level Self Sufficiency

BOD - Beneficial Occupancy Date

CAGELS - Consolidated Aerospace Ground Equipment List

CAS - Contract Administration Services

CAU - Control Arithmetic Unit

CCB - Configuration Control Board

CCP - Contract Change Proposal

CDRL - Contract Data Requirements List (DD Form 1423)

CETS - Contract Engineering Technical Services

CMU - Core Memory Unit

COMSEC - Communications Security

CONUS - Continental United States

CPGSC - Computer Program Ground Support Capability

CPS - Control Power Supply

DSAA - Defense Security Assistance Agency

ECM - Electronic Countermeasures

ECO - Engineering Change Order

ECP - Engineering Change Proposal

ECSSWG - E3 Common Software Support Working Group

EEDB - E-3A ESM Emitter Data Base

EMD - Engineering Manufacturing Development

EMI - Electromagnetic Interference

ERCS - ECM Resistant Communication System

ESC - Electronic Systems Center

ESM - Electronic Support Measures

EST - Engineering Services Task

FACI - First Article Configuration Inspection

FAR - Federal Acquisition Regulation

FATSL - Flight Acceptance Test Support Laboratory

FCA - Functional Configuration Audit

FFOB - Fully Capable FOB

FM - Frequency Modulated

FMSO - Foreign Military Sales Order

FOB - Forward Operating Base

FOL - Forward Operating Location

GE - Ground Environment

GFE - Government Furnished Equipment

GFP - Government Furnished Property

GH - Gateway

GSCP - Ground Support Computer Program

GSE - Ground Support Equipment

GTE - Gateway Terminal Emulator

HF - High Frequency

I&CO - Installation and Checkout

ICS - Interim Contract Support

IORG - Interoperability Review Group

ISA - International Security Affairs

ITC - Increased Track Capacity

JPB - Joint Program Baseline

JTF - Joint Test Force

JTIDS - Joint Tactical Information Distribution System

KPA - Klystron Power Amplifier

LFOB - Limited Capability FOB

LOA - Letter of Offer and Acceptance

MMD - (Computer) Mass Memory Drum

MOB - Main Operating Base

MOU - Memorandum of Understanding

MMOU - Multilateral Memorandum of Understanding

MS - Mission Simulator

MSCP - Mission Simulator Computer Program

MS&ISS - Mission System & Interface System Segment

MSU - (Computer) Main Storage Unit

MTS - Mobile Training Set

NADGE - NATO Air Defense Ground Environment

NAEGIS - NATO AEW&C Ground Environment Integration Segment

NAPMA - NATO AEW&C Programme Management Agency

NAPMO - NATO AEW&C Programme Management Organization

NATO - North Atlantic Treaty Organization

NPG - NATO Participating Governments

OSD - (U.S.) Office of the Secretary of Defense

PC&H - Packing, Crating and Handling
PCA - Physical Configuration Audit
PSE - Peculiar Support Equipment
PWB - Printed Wiring Board
QA - Quality Assurance
QC - Quality Control
RAT - Retrofit Acceptance Test
RATT - Radio Teletype
RFP - Request for Proposal
ROM - Rough Order of Magnitude
RSIP - Radar System Improvement Program
SDL - Software Development Laboratory
SDS - Self Defense Subsystem
SE - Support Equipment
SOR - Source of Repair
SPO - System Program Office
SRCP - Surveillance Radar Computer Program
SSTF - Software Support and Training Facility
TA - Table of Allowance
TADIL - Tactical Digital Information Link
TBD - To be Determined
TCTO - Time Compliance Technical Order
TDMA - Time Division Multiple Access

TDY - Temporary Duty (travel)

TIDP - Technical Interface Design Plan

TPR - Trained Personnel Requirements

TPS - Test Program Sets

TRC - Technical Repair Center

UCP - Utility Computer Program

UE - Unit Equipment

UHF - Ultra High Frequency

UMC - Unformatted Message Capability

UME - Unformatted Message Element

USAF - United States Air Force

USG - United States Government

USN - United States Navy

VHF - Very High Frequency

WRP - War Readiness Package

WSLO - Weapon System Logistics Officer