



BREAKOUT TOPIC:
AN/ALE-47 Production Effort

**542d
Electronic Warfare
Sustainment
Group (EWSG)**

Briefer: 1Lt Brian Woods

Title: Program Manager



OVERVIEW



- PROGRAM DESCRIPTION
- ACQUISITION CONSIDERATIONS
- ACQUISITION STRATEGY
- PROGRAM CHALLENGES
- TECHNOLOGY INSERTION PLAN
- PROGRAM SCHEDULE
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- SUMMARY



PROGRAM DESCRIPTION



- ACAT III Program
- Contract History
 - Development Contract Competitively Awarded in 1988 to BAE Systems formerly Tracor Aerospace, Inc.
 - Follow-on Production Contract Awarded to BAE through a Full & Open Competitive Source Selection in Sept 97
 - Full & Open Competition effort was awarded in Aug 01 to Symetrics
 - BAE Systems was awarded the insurance portion in Sept 01
 - FMS Country Directed Award to BAE in Aug 03
 - FMS (Limited Competition) awarded to BAE in Apr 04
 - 18 Month IDIQ Interim Contract (Limited Competition) was Awarded to Symetrics in Sept 04
 - Urgent Army (Limited Competition) was Awarded to Symetrics in Mar 05
 - Second Interim Contract Awarded Sept 05



PROGRAM DESCRIPTION



- Support approximately 5000 installs across the Air Force, Navy, Army, and Foreign Military Sales (FMS)
- Major Platforms & Installs:

| | | |
|-------------|---------------------|-------------|
| F-18: 163 | F-16: 897 | MH-53J: 39 |
| MV-22: 281 | F-16 (ALQ 213): 610 | C-17: 125 |
| CV-22: 48 | A-10 (ALQ 213): 362 | C-130: 531 |
| AH-1Z: 71 | C-5: 51 | HH-60: 107 |
| MH-60S: 232 | C-130J: 60 | UH-60: 1680 |
| KC-130J: 30 | AFSOC C-130: 107 | CH-47: 420 |



PROGRAM DESCRIPTION



- 27 SRUs Consisting of:
 - 3 Navy Managed Items
 - 2 DLA Managed Items
 - 22 Remaining Will be on Production Contract



ACQUISITION CONSIDERATIONS



- Consideration 1: Full & Open Competition
- Consideration 2: Small Business Set-Aside
- Consideration 3: Best Value TA-PPT/PPT

Conclusion: Small Business Set-Aside/TA-PPT



ACQUISITION STRATEGY SCENARIO 1



Best Value Offeror- Qualified

- 18 Month Basic
 - LRU Full Rate Production
 - Limited SRU Full Rate Production
 - Remaining SRUs
 - SRU ATP Approval
 - 100% SRU Interchangeability Test
- Three 12 Month Prod Options
- One 6 Month Prod Option



ACQUISITION STRATEGY SCENARIO 2



- Best Value Offeror-Unqualified
 - 18 Month Basic FAT
 - LRU & SRU ATP Approval
 - LRU FAT
 - SRU Interchangeability Test
 - One 12 Month Ramp Up Prod Option
 - Two 12 Month Prod Options
 - One 6 Month Prod Option
- Insurance Policy MEQ Buy-Qualified
 - 18 Month Basic
 - LRU Full Rate Production
 - Limited SRUs Full Rate Production
 - SRUs
 - SRU ATP Approval
 - 100% SRU Interchangeability Test
 - One 12 Month Ramp Down Prod Option
 - Two 12 Month Prod Options
 - One 6 Month Prod Option



PROGRAM CHALLENGES



- Technical
- Cost/Funding
- Schedule
- Manufacturing



PROGRAM CHALLENGES



- Technical:
 - Risk: Potential Parts Obsolescence
 - Mitigation: Contractor is Required to Produce a Parts Management Plan & Deliver ECPs/NORs as Needed
 - Risk: Unqualified Source Manufacturing Line Ramp Up
 - Mitigation: Qualified Small Business Currently Producing Assets & PCAG Past Performance Evaluation
 - Mitigation: Technically Acceptable Price Performance Trade Off (TAPPT) will be conducted
- Cost/Funding:



PROGRAM CHALLENGES



- Schedule:
 - Risk: Production Ramp Up
 - Mitigation: Insurance Policy Buy will be Awarded to Qualified Source

- Manufacturing:
 - Risk: Unqualified Source May Win Contract
 - Mitigation:
 - First Articles & ATPs Must be Approved Prior to Production Turn On
 - Allowing a Full 12 Months for Production Ramp Up



TECHNOLOGY INSERTION PLANS



- Processor Replacement to Upgrade Memory in Programmer



PROGRAM SCHEDULE



| | |
|----------------------------------|------------|
| Acquisition Strategy Panel | 15 July 05 |
| Draft Request For Proposal (RFP) | Nov 05 |
| Formal RFP | Dec 05 |
| Receipt of Proposals | Feb 06 |
| Contract Award | Apr 06 |



POINTS OF CONTACT



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SUMMARY



- AN/ALE-47 is a primary system supporting the warfighter
- This effort is critical in providing the system installs
- Overall program risk is Low
- Acquisition Strategy is Small Business Set Aside with Limited Competition for the Insurance Policy if required
- Draft RFP estimated for release Nov 05
- Estimated contract award Apr 06