

9 April 2004

AMSEL-LC-CCS-A-AS

MEMORANDUM FOR Director, C4I Acquisition Center, ATTN: Contracting Officer

Subject: Certification of Procurement Data For Ozone Depleting Chemicals

1. This office has reviewed the procurement data for the acquisition identified as :
Spares Acquisition and Repair/Maintenance for Modules of AN/ALQ-156(V)1,2,3 And
AN/ALQ-156A(V)1, Countermeasures Systems.

2. We have drafted contract clause(s) (see enclosure) addressing the Ozone Depleting
Chemicals (ODC) cited in this procurement data for inclusion in contract Section C.

The ODCs cited in this procurement data are listed below:

Spec Number	Spec Title
MIL-S-19500	Semiconductor Devices, General Specification For
MIL-S-19500/474	Semiconductor Device, Silicone, Diode Arrays, 1N5768, 1N5770, 1N5772, 1N5774, 1N6100, 1N6101,
MIL-S-22885/108	Switches, Pushbutton, Illuminated, 4-Lamp, 0.750 Square, SPDT, DPDT, (5 Amperes) SPDT
MIL-S-8802	Sealing Compound, Temperature Resistant, Integral Fuel Tanks & Fuel Cell Cavities, High Adhesion
MIL-STD-1276	Leads For Electronic Component Parts
MIL-STD-129	Military Standard Marking for Shipment and Storage
MIL-C-81064	Course Gyroscope
MIL-C-81302	Cleaning Compound, Solvent, Trichlorotrifluoroethane
MIL-C-81706	Chemical Conversion Materials for Coating Aluminum and Aluminum Alloys
MIL-C-8188	Corrosion-Preventive Oil, Gas Turbine Engine, Aircraft Synthetic Base
MIL-C-81938	Cloth, Knitted, Vinyon, and Vinyon-Cotton
MIL-C-81952	Cooler, Liquid, Electronic Equipment MD-957 ()/AWM-23 (V)
MIL-C-81964	Cleaning Compound, Avionic Components
MIL-STD-1303	Painting of Naval Ordnance Equipment
MIL-HDBK-454	General Requirements For Electronic Equipment
MIL-T-81714	Terminal Junctions Systems (TJS), Environment Resistant, General Specifications For
MIL-HDBK-217	Reliability Prediction of Electronic Equipment
ASTM-D4126	Standard specification for vapor degreasing degreasing grade
MIL-J-45932/1	Insert, Screw Thread-Thin Wall, Locked In
MIL-N-45938	Nut, Plain, Clinch And Nut, Self-Locking, Clinch, General Specification For

MIL-N-45938/11	Nut, Plain, Clinch And Nut, Self-Locking, Clinch (Floating, 400 Degrees F)
MIL-N-45938/6	Nut, Self-Locking, Clinch, (Swage-Clinching, Knurled Shank, Miniature, 450 Degrees F)
MIL-N-45938/7	Nut, Plain Clinch And Nut, Self-Locking Clinch, (Knurled Collar, Miniature, 450 Degrees F)
MIL-P-11268	Parts, Materials, And Processes Used In Electronic Equipment
MIL-B-23071	Blowers, Miniature, For Cooling Electronic Equipment General Specification For
MIL-R-39016	Relays, Electromagnetic, Established Reliability, General Specification For
MIL-C-17155	Cloth, Knitted, Nylon, Fleece
MIL-C-17157	Cloth, Knitted, Cotton (Waffle Type)
MIL-C-17183	Cord, Nylon, Braided, Tubular, Spliceable
MIL-C-17238	Cloth, Knitted, Wool and Cotton Fleece
MIL-C-17415	Cloth, Coated, And Webbing, Inflatable Boat And Miscellaneous Use
MIL-C-17671	Canister, Oxygen Breathing Apparatus, For Type A-4
MIL-C-17858	Compass System: Magnetic Slaved, Directional Gyro Stabilized, 4 Degrees / HR, Type MA-1
MIL-C-17935	Crane, Electro-Hydraulic and Diesel-Hydraulic, Shipboard
MIL-C-17949	Crane, Electro-Mechanical, Shipboard
MIL-C-17867	Cap, Service, Women's, Wool
MIL-C-20061	Clinometers, Ship, and Accessories
MIL-C-20696	Cloth, Coated, Polyester or Nylon, Waterproof
MIL-C-17605	Charcoal, Activated, Unimpregnated
MIL-C-81777	Cooler, Liquid, Electronic Equipment HD-908()AWM-23(V)
MIL-C-81907	Coating System, Polyurethane, Aliphatic, Weather Resistant: Process for Application of
MIL-T-27213	Truck, Crash Fire Rescue, 3,000 Gallon Capacity, A/S32P-23
MIL-T-27485	Tank, Storage, Liquid Oxygen/Liquid Nitrogen, TMU-20/E
MIL-T-27602	Trichloroethane, Oxygen Propellant Combustible
MIL-T-27892	Tank, Storage, Liquid Oxygen TMU-7A/E

3. With these modifications implemented, we certify that no ODCs are specified in this procurement data.

4. Point Of Contact is Carlos Diaz, AMSEL-LC-CCS-A-AS, 732-427-5144

5. CECOM bottom line: THE SOLDIER.

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Harry G. Ivory
Chief ASE Branch
CCS/Avionics Directorate

Encl.

CF

AMSEL-LC-LEO-E-ED(John Myer)

Title of ARP: Spares Acquisition and Repair/Maintenance for Modules of AN/ALQ-156(V)1,2,3 And AN/ALQ-156A(V)1, Countermeasures Systems

"EXCEPTIONS TO CITED TECHNICAL DATA TO CORRECT REFERENCES TO OZONE-DEPLETING CHEMICALS

The technical requirements of this contract reference Ozone Depleting Chemicals (ODC) as defined by the Clean Air Act of 1990. These requirements shall be modified as directed below:

MIL-S-22885/108
MIL-STD-1276
MIL-C-81064
MIL-C-81706
MIL-C-8188
MIL-C-81938
MIL-C-81952
MIL-STD-1303
MIL-T-81714
MIL-HDBK-217
MIL-I-45932/1
MIL-C-17155
MIL-C-17157
MIL-C-17183
MIL-C-17238
MIL-C-17415
MIL-C-17671
MIL-C-17858
MIL-C-17933
MIL-C-17949
MIL-C-17867
MIL-C-20061

The document(s) above are cited in this solicitation as Category 1 document(s) which contain(s) sub-tier references to documents which require the use of Ozone Depleting Chemicals (ODCs). As Category 1 document(s), the requirements of sub-tier referenced documents are for guidance or reference only and are not contractually binding. The contractor is authorized the use of an appropriate alternative material in place of the ODCs cited in the sub-tier referenced documents when complying with the Category 1 document's requirements. The use of ODCs is not required and the use of alternatives is preferable.

MIL-C-20696

MIL-C-20696 references FED-STD-601. FED-STD-601 Reagent test and Mineral Oil Extraction test specifies the use of carbon tetrachloride. For the qualification of new material IAW MIL-C-20696 the contractor is authorized the use of an acceptable alternative cleaning solvent in place of the carbon tetrachloride specified in FED-STD-601. Material previously qualified to MIL-C-20696, including the use of this solvent, is approved for use on this contract.

MIL-R-39016

MIL-R-39016 references the use of FREON, a Class 1 Ozone Depleting Chemical. For the qualification of new material IAW MIL-R-39016, the contractor is authorized the use of an acceptable non-ODC alternative such as HCFC, PFC, or hydrocarbon solvent in place of the referenced FREON. Material previously qualified to this specification is acceptable for use.

MIL-B-23071

MIL-B-23071 references MIL-C-5015 which requires an immersion testing using 1,1,1 trichloroethane and trichlorotrifluoroethane. The specific immersion tests requiring the use of Class 1 Ozone Depleting Chemicals, such as 1,1,1 trichloroethane, are deleted from the requirements of the contract. Material previously qualified to MIL-C-5015 is acceptable for use.

MIL-P-11268

MIL-G-24139 (Grease, Multipurpose, Water Resistant) is referenced in MIL-P-11268. The contractor is authorized to use material which has been qualified to MIL-G-24139 using a non-Ozone Depleting alternative cleaning material or process in place of the trichlorotrifluoroethane (MIL-C-81302, CFC 113) required to clean test bearings. When required IAW MIL-P-11268, Material previously qualified to MIL-G-24139, including the use of trichlorotrifluoroethane, is also approved for use on this contract.

MIL-N-45938/7

If required for the qualification of new material IAW MIL-N-45938, the contractor shall give preference to the use of MIL-P-23377 Type I or Type III material as required for material corrosion testing. The contractor is authorized the use of an acceptable alternative cleaning solvent in place of any ODCs referenced in MIL-N-45938. Material previously qualified to MIL-N-45938 is acceptable for use.

MIL-N-45938/6

If required for the qualification of new material IAW MIL-N-45938, the contractor shall give preference to the use of MIL-P-23377 Type I or Type III material as required for material corrosion testing. The contractor is authorized the use of an acceptable alternative cleaning solvent in place of any ODCs referenced in MIL-N-45938. Material previously qualified to MIL-N-45938 is acceptable for use.

MIL-N-45938/11

If required for the qualification of new material IAW MIL-N-45938, the contractor shall give preference to the use of MIL-P-23377 Type I or Type III material as required for material corrosion testing. The contractor is authorized the use of an acceptable alternative cleaning solvent in place of any ODCs referenced in MIL-N-45938. Material previously qualified to MIL-N-45938 is acceptable for use.

MIL-N-45938

If required for the qualification of new material IAW MIL-N-45938, the contractor shall give preference to the use of MIL-P-23377 Type I or Type III material as required for material corrosion testing. The contractor is authorized the use of an acceptable alternative cleaning solvent in place of any ODCs referenced in MIL-N-45938. Material previously qualified to MIL-N-45938 is acceptable for use.

ASTM-D4126

The contractor is authorized the use of alternative cleaning materials and procedures in place of the Vapor Degreasing requirements of this document.

MIL-HDBK-454

MIL-HDBK-454 references to Ozone Depleting Materials found in the Guidline 6 reference to MIL-STD-1334 and the Guidline 43 reference to MIL-L-17331 and MIL-G-24139 are for guidance only. Preference shall be given where appropriate to the selection and use of alternative non-ozone depleting materials.

MIL-C-81964

This specification describes a Class 1 Ozone Depleting Chemical. Contractors are authorized the use of a Non-ODC acceptable alternative solvent in place of MIL-C-81964.

MIL-C-81302

This specification describes a Class 1 Ozone Depleting Chemical. Contractors are authorized the use of an acceptable alternative solvent in place of MIL-C-81302.

MIL-STD-129

MIL-STD-129 requires that when used labels shall conform to the requirements of MIL-L-61002. MIL-L-61002 contains solvent immersion test requirements using an Ozone Depleting Substance (ODS) 1,1,1 trichloroethane (O-T-620, MIL-C-81302). For the purpose of this contract the solvent immersion test requirements of MIL-L-61002, specifically using 1,1,1 trichloroethane, are deleted from MIL-L-61002. Material previously qualified to this specification, including the solvent immersion test using trichloroethane, is also approved for use on this contract.

MIL-S-8802

For the qualification of new material IAW MIL-S-8802, the contractor is authorized the use of an acceptable alternative cleaning solvent in place of 1,1,1 trichloroethane referenced as a degreasing and cleaning material in this specification. Material previously qualified to MIL-S-8802 is acceptable for use.

MIL-S-19500/474

MIL-S-19500 references the MIL-STD-750 Test Methods 1022.2, 1071.5 and 2026.7. For the qualification of new material IAW MIL-S-19500, the requirements of MIL-STD-750, Revision C, Notice 9 (May 94) shall apply. Material previously qualified to MIL-S-19500 is acceptable for use.

MIL-S-19500

MIL-S-19500 references the MIL-STD-750 Test Methods 1022.2, 1071.5 and 2026.7. For the qualification of new material IAW MIL-S-19500, the requirements of MIL-STD-750, Revision C, Notice 9 (May 94) shall apply. Material previously qualified to MIL-S-19500 is acceptable for use.

MIL-C-81777

MIL-C-81777 references the use of a FREON 12 based refrigerant. FREON 12 shall not be used, cooler will use a non-Class 1 Ozone Depleting refrigerant.

MIL-C-17605

MIL-C-17605, Revision C of this specification references the use of Carbon Tetrachloride on page 5-8 Paragraph 4.6.1. MIL-C-81777, Carbon Tetrachloride is no longer available. The requirement for Adsorption Of Carbon Tetrachloride Activity described on Page 5 (Para 4.6.1) is deleted from this specification for the purposes of this contract's requirements.

MIL-C-81907

MIL-C-81907 is canceled with no replacement and is deleted from this specification for the purposes of this contract's requirements. Contractor is encouraged to use any other suitable military or commercial alternative that does not require the use of Ozone Depleting Chemicals (ODC's).

MIL-T-27213

MIL-T-27213 is canceled with no replacement and is deleted from this specification for the purposes of this contract's requirements. Contractor is encouraged to use any other suitable military or commercial alternative that does not require the use of Ozone Depleting Chemicals (ODC's).

MIL-T-27483

MIL-T-27483 is canceled with no replacement and is deleted from this specification for the purposes of this contract's requirements. Contractor is encouraged to use any other suitable military or commercial alternative that does not require the use of Ozone Depleting Chemicals (ODC's).

MIL-T-27602

MIL-T-27602 is canceled with no replacement and is deleted from this specification for the purposes of this contract's requirements. Contractor is encouraged to use any other suitable military or commercial alternative that does not require the use of Ozone Depleting Chemicals (ODC's).

MIL-T-27892

MIL-T-27892 is canceled with no replacement and is deleted from this specification for the purposes of this contract's requirements. Contractor is encouraged to use any other suitable military or commercial alternative that does not require the use of Ozone Depleting Chemicals (ODC's).

The above modifications take the first order of precedence in this contract."