

Narrative

T1 – Conformed Statement of Work

(This section of our proposal is designed to correlate with the sections in the Statement of Work, Section C from the Solicitation and is a conformed copy.)

1.0 Scope

This Statement of Work (SOW) defines the efforts required to design, fabricate, test prototypes and produce refrigerated container units. The effort will be structured in three stages: System Development and Demonstration (SDD) (includes development, fabrication and test of prototypes); Low Rate Initial Production (LRIP) (includes logistics documentation, First Article Test [FAT], and low rate initial production); and Full Rate Production (FRP) (indefinite quantities, indefinite deliveries, including full rate production and production testing). The SDD, LRIP, and FRP phase requirements are specified in sections 4, 5, and 6, respectively.

2.0 Applicable Documents

The following documents are applicable to the extent cited. In the event of a conflict between the documents cited herein and the requirements of this SOW and attached appendices, the content of the SOW and the appendices will be a superseding requirement.

2.1 Military And Federal Standards

<u>Document No.</u>	<u>Document Title</u>	<u>Applicability</u>
MIL-STD-2073-1D	Standard Practice For Military Packaging	Required
MIL-STD-130L	Identification Marking of U.S. Military Property	Required
MIL-STD-40051-2	DoD Standard Practice – Preparation of Digital Technical Information for Multi-Output Presentation of Technical Manuals	Required

2.2 Military Specifications

<u>Document No.</u>	<u>Document Title</u>	<u>Applicability</u>
MIL-PRF-49506	Performance Specification, Logistics Management Information (LMI)	Required
MIL-PRF-63034B	Bulletins, Technical: Warranty, Preparation of	Required
MIL-DTL-31000B	Technical Data Packages	Required
DOD 4100.39-M	Federal Logistics Information System (FLIS)	Required

2.3 Other Dod Documents

<u>Document No.</u>	<u>Document Title</u>	<u>Applicability</u>
DA Pamphlet 738-750	The Army Maintenance Management System (TAMMS)	Guidance
MIL-HDBK-1222C	Guide to the General Style and Format of US Army Work Package Technical Manuals	Guidance
Purchase Description (PD)	Air Conditioner, 60,000-Btu/hr	Required
SC 5180-95-CL-N18-HR	Tool Kit, Service Refrigeration Unit	Required
H6 Cataloging Handbook	Federal Item name Directory for Supply Cataloging	Required

2.4 Commercial Documents

<u>Document No.</u>	<u>Document Title</u>	<u>Applicability</u>
ANSI/ISO 8632.1-4:1992	Computer Graphics Metafile (CGM) w/Amd 1 & Amd 2	Required

3.0 Requirements

Williams Container Corp. supplies products and services to many government agencies including: U.S. Army Medical Department, Department of the Air Force, and U.S. Army Special Operations Command. We comply with different standards and requirements for each of these customers and welcome the opportunity to assist your team as well. We will produce refrigerated container units that meet all performance and physical requirements specified in the Purchase Description, and deliver required data items in accordance with the CDRL DINs included in Exhibit A, Exhibit B (for LRIP) and Exhibit C (for FRP) and this SOW.

3.1 Program Management

We will manage all aspects of engineering, design, development and manufacturing of refrigerated container units to ensure compliance with the contract schedule and within projected contract costs. No part of this contract will be subcontracted.

3.2 Materials

Williams Container Corp. will not use any reconditioned or recovered components, pieces or parts as defined in FAR 52.211-5, in the manufacturing of the refrigerated container units.

4.0 System Development and Demonstration (SDD)

In accordance with section 4.12, we will design and fabricate eight (8) prototypes to be used for testing.

4.1 Meeting, Conferences and Reviews

We are prepared to host or attend any conferences, design reviews, or in process reviews or any other type of meetings as required by the government or as requested. Locations of meetings will be determined on a case-by-case basis. If we host a meeting or any time we request a meeting we will issue an agenda no later than three days prior to the meeting.

4.1.1 Minutes of meetings.

We will ensure that minutes are prepared and submitted in accordance within CDRL DIN A010.

4.1.2 Post Award Orientation Conference.

Williams Container Corp. will host a Post Award Orientation Conference at our Overland Park, KS facility approximately 20 days after award.

4.1.3 Design Reviews.

We will host three major Design Reviews (Initial, Interim, and Critical) that details the state of the design and progress made. Each major design review will be preceded by a Design Report in accordance with CDRL DIN A003. At each design review we will present designs, information and data on major components including the compressors, heat exchanger coils, and refrigerants.

At a minimum, we will address the following topics:

- engineering
- experimental testing or bench testing
- logistics
- provisioning
- management
- all other applicable areas outlined in this section of the solicitation

Included in each design review will be a status of

- all major components and their status including those components designed, built, procured and integrated;
- the program status relative to schedule and budget
- the level of design definition
- risk associated with suppliers and manufacturing process
- design compatibility with regard to interfaces, operators, and maintainers

At other times or meetings these items may be discussed as requested.

4.1.3.1 Initial Design Review. Williams Container Corp. understands and will comply with time frames outlined in section 4.1.3.1.

4.1.3.2 Interim Design Review. Williams Container Corp. understands and will comply with time frames outlined in section 4.1.3.1.

4.1.3.3 Critical Design Review (CDR). We will host the critical design review approximately 210 days after contract award. This review will serve as the establishment of the initial configuration baseline, with the understanding that subsequent test results may alter the configuration. Configuration Management will not begin until the completion of testing and all known changes to the baseline are approved and implemented. At this CDR, we will verify that:

- a. the physical interface requirements have been met
- b. sufficient drawings of acceptable accuracy are available to assure configuration management of the design

4.1.4 Technical Manual Guidance Conference

We will host the Technical Manual Guidance Conference in conjunction with the Post Award Orientation Conference. Engineering, training and administrative support will be on hand to assist in evaluating the needs of the Technical Manual.

4.1.5 – Reserved

4.1.6 Training Conference

We will host the Training Conference in conjunction with the Post Award Orientation Conference. Existing engineering and training support staff are experienced in evaluating training needs having developed technical training for dozens of clients and hundreds of projects.

4.1.7 Transition Readiness Review

After completion of testing, Williams Container Corp. will host a Transition Readiness Review. This review will coincide with a Physical Configuration audit specified in SOW paragraph 4.1.8 to verify that the final prototype hardware and our drawings are in agreement. We will verify that:

- a. the prototypes meet all required performance specifications
- b. the design stability has been achieved
- c. all manufacturing processes have been proven
- d. all material and vendor controls have been established
- e. all environmental requirements have been met
- f. field support requirements have been determined, and are in line with Government capabilities
- g. all other aspects and conditions of our Transition Plan, as set forth in SOW 4.5 have been met.

We will keep and distribute minutes of this meeting in accordance with CDRL DIN A010.

4.1.8 Physical Configuration Audit

We will conduct a Physical Configuration Audit (PCA) at our facility with government observation. We will provide all current drawings, configuration documents, and other resources required by the government for review. Sufficient quantities of drawings, documents, and resources will be available to allow each member of the government's team to work independently or simultaneously in the observation of the PCA. Such resources will include:

- a. full sets of the current drawings
- b. isolation of the item(s) and detail parts to be reviewed (fully assembled hardware that cannot be broken down to parts that can be audited is unacceptable)
- c. tools and inspection equipment necessary for evaluation and verification
- d. adequate space, desks, and tables for six people to perform the review
- e. appropriate personnel from each engineering, quality, test and manufacturing department to discuss specific issues, as requested.
- f. Access to the incoming inspection, fabrication, production, and testing facilities
- g. Copies of any inspection reports, process sheets, data sheets, and any other documentation deemed necessary and as requested by the government team.

Through this PCA, we will show that the drawings accurately depict each item's part number (when applicable), material (when visibly verifiable) and configuration. When verifying dimensions, no more than two decimal places will be verified.

4.1.9 Provisioning Guidance Conference

The Provisioning Guidance Conference as specified by the Provisioning requirements Statement (Appendix C) will be conducted at the discretion of the Government but no later than 60 days after contract award.

4.2 Contract Funds Status Reports (CFSR)

We will prepare and provide the CFSR in accordance with CDRL DIN A001. The level of reporting will be the total contract level.