APPENDIX A, SHELTER PRODUCT DATA SHEET, REVISION A:

PRODUCT DATA SHEET	CONTRACTOR NAME:	CAMSS Shelters

1.PART NUMBER: CAMSS-KSS-IT		2.NSN:	

3.NAME: CAMSS20EX Kitchen Shelter System I (initial)	4.TYPE: EX Kitchen Shelter System	5.CLASS:
6.COLOR: Desert Tan	7. Support System: Aluminum Frame	8.SERIES: 20EX

9. INTENDED USE: Kitchen Shelter System includes multiple shelters that complex together

10.DIMENSIONS (IN FEET AND INCHES)	LENGTH: 40'/shelter	WIDTH: 20'/shelter	HEIGHT: 10' tall with 7' eaves
11.DIMENSIONS (EXTERNAL GUYED)	LENGTH 40'/shelter	WIDTH 26'/shelter	

12.SQUARE FEET INTERIOR: 4800 sf

13.WEIGHT (POUNDS, UNPACKAGED) 6,680 LBS.	14.WEIGHT (PACKAGED) 8,350 LBS.	15.SHIPPING CUBE (PACKAGED) 943 CU.

16. SHIPPING CONTAINER	LENGTH Inches 101" / container	WIDTH Inches 42" / container	HEIGHT Inches 48"/ container

17.SET-UP TIME/ NUMBER OF PERSONS: 3 hours / 8 persons Complete CAMSS Kitchen Shelter System	18.STRIKE TIME/ NUMBER OF PERSONS 1.5 hours/8 persons

19.SNOW LOAD: **Design**: 20 PSF Ground Snow Load per ASCE 7-16 **Tested:** 10 psf 12 hour snow load test per TOP 10-2-175	20.Wind Load: **Design:** 100 MPH per ASCE 7-16 **Tested: Wind:** 55 MPH sustained/65 MPH gusts per TOP 10-2-175

21.PARTS INCLUDED (Include Quantity):

The CAMSS KSS I (initial) comes with two (2) CAMSS20EX40 shelter systems and two (2) vestibules and four (4) corridors. Each CAMSS20EX40 Shelter System is a complete shelter system, which includes: high strength aluminum frame, tensioned MIL-SPEC 44103D fabric cover system with total of ten (10) mesh windows with wind resistant blackout covers, non-slip fabric floor, extreme temperature liner system to maintain comfortable internal temperatures, air sock, HVAC ports and cable ports, quick connect electrical system with plug and play outlets, electrical distribution panel and lights, which may be upgraded for an additional cost. One (1) 48" W x 80" H aluminum personnel door with locking flush mount handle and two (2) 36" w x 84" h double zipper entry are also included. Also included is the anchoring package with twenty-eight (28) double headed 18" base frame spikes and twelve (12) guy ropes and guy spikes, 30 day spares / repair, and the verified technical manual. Shelter comes standard in containers.

22.DESCRIPTION:

The CAMSS KSS is an integrated system of shelters designed to provide a dining facility for 500 to 1100 personnel. The CAMSS KSS was developed in cooperation with U.S. Natick Laboratories, U.S. Air Force Services, Air Combat Command, and Holloman AFB. This kitchen system provides a more compact, yet more functional kitchen dining facility with greater usable space.

The straight sidewalls of the CAMSS20EX40 Shelter System and 20ft wide interior makes it ideal for many applications. Unlike curved or slanted sidewalls, the straight sidewalls allow for equipment and furniture to be placed adjacent to the walls, maximizing available space. This makes the CAMSS20EX40 Shelter System the preferred choice for hospitals, kitchens, and other applications requiring tall sidewalls.

The CAMSS20EX40 shelter is rugged and durable for long life. It is able to withstand extreme temperatures, high winds, and heavy snow loads. The CAMSS20EX40 Shelter System uses a high strength aluminum frame to meet a 20 PSF ground snow load and a 100 mph wind load per ASCE 7-16

CAMSS20EX Brochure: https://youtu.be/7Xlv5v6AM9g
CAMSS20EX Shelter Testing: https://youtu.be/NCNPpx5bXU4

Air Force report: Balad Hospital & CAMSS20EX Shelter Systems: https://youtu.be/pF2JgRRRrkI

23. ACCESSORY AND SUPPORT EQUIPMENT:	PART NUMBER Or NSN	Check if Included	DESCRIPTION
	HIT-20EX-ELC01	INCLUDED	Two (2) light strings (need qty 2)
LIGHT SET Product Data Sheet	HIT-20EX-ELC-LED-01	OPTIONAL	LED bulb lights with metal cages (need qty 2)
	CAMSS-EL-F50-1	OPTIONAL	Ruggedized Fluorescent Tube Lights. Quantity 1 light
	CAMSS-EL-LEDT-1	OPTIONAL	Ruggedized LED Tube Lights. Quantity 1 light.
ELECTRICAL OUTLET SET Product Data Sheet	HIT-20EX-EDP01	INCLUDED	(1) single phase power distribution box with (2) GFCI breakers (1) 20A breaker (4) twist lock connectors and (1) light switch with (1) 50' 20A power cable
	HIT-20EX-ERP01	INCLUDED	Triplex outlets – long
	HIT-20EX-ERO01	INCLUDED	Triplex outlets – short
	CAMSS2040EL-EU	OPTIONAL	CAMSS20EX EU Electrical Kit. All electric components changed to 220V 50Hz
FLOORING Product Data Sheet	HIT-20EX40-PFL01	INCLUDED	Standard Fabric Flooring. 15 oz./sq. yd. MIL-SPEC 44103D fabric flooring.
	CAMSS-HIT-20EX40-PFL03	OPTIONAL	Heavy-Duty Fabric Flooring. 18 oz/sq. yd. MIL-SPEC 44103D fabric flooring.
	CAMSS-HIT-20EX40-PFL28	OPTIONAL	Extra Heavy-Duty Fabric Flooring. 28 oz./sq. yd. MIL-SPEC 44103D fabric flooring.
	CAMSS-SFS-KSS-I	OPTIONAL	CAMSS Sub Flooring System
	CAMSS-HFLD/KSS-I	OPTIONAL	Personnel Hard Flooring. High-impact polypropylene with UV inhibitors – load capacity of 8,000 lbs. PSF when installed properly over cleared, stable ground
	CAMSS20EX40-RFS	OPTIONAL	Adjustable raised Floor System for CAMSS20EX Shelter System.
HEATER Product Data Sheet			
AIR CONDITIONER Product Data Sheet	CAMSS-5TECU01	OPTIONAL	CAMSS 5-Ton Ruggedized ECU. For cooling and heating.
	CAMSS-5TECU01-EU	OPTIONAL	CAMSS 5-Ton Ruggedized ECU with EU, 50hz electrical. For cooling and heating.
GENERATOR			

Product Data Sheet			
POWER DISTRIBUTION Product Data Sheet	CAMSS-E2SPDS	OPTIONAL	Two (2) shelter power distribution system
TRAILER MOUNT ED SUPPOR T SYSTEM Product Data Sheet			
INSULATED LINER Product Data Sheet	CAMSS2040HH	INCLUDED	Shelter includes an internal liner system that helps to maintain internal working conditions of 40˚ - 80˚ F in ambient temperatures of -25˚ to 125 F when supported by a 5-Ton military environmental control unit
	CAMSS20EX40-HLLE	OPTIONAL	CAMSS20EX Insulcam Insulating Liner System. Tests have shown ECU usage to drop dramatically compared to standard liner.
INSULAT ED FLOORIN G Product Data Sheet	CAMSS20EX40-ECW-SF01	OPTIONAL	CAMSS20EX Extreme Cold Weather Subfloor. Creates a thermal barrier between the ground and the shelter fabric floor.
SOLAR SHADE/ CAMOU. NETT Product Data Sheet	CAMSS-20EX40-SF-T	OPTIONAL	CAMSS20EX Shelter System SolarFly. SolarFly provides energy savings.
PACKAGING	CAMSS-HIT-CR4149102	OPTIONAL	CAMSS Tall Rotationally molded container (41" x 49" x 102")
	CAMSS-HIT-CR4133102	OPTIONAL	CAMSS LP Rotationally molded container (41" x 33" x 102")

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