

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188				
The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.										
A. CONTRACT LINE ITEM NO. 0149, 0249, 0349, 0449, 0549		B. EXHIBIT W		C. CATEGORY: TDP _____ TM _____ OTHER _____						
D. SYSTEM/ITEM Army Standard Family Rigid Wall Shelters Phase 1 (ASF-RWS P1)			E. CONTRACT/PR NO.		F. CONTRACTOR					
1. DATA ITEM NO. A021	2. TITLE OF DATA ITEM First Article Test & Inspection Plan (FAT & IP)			3. SUBTITLE						
4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80809B			5. CONTRACT REFERENCE Section C 3.2, 3.4, 3.6.2		6. REQUIRING OFFICE SFAE-CSS-E2-FS					
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED	10. FREQUENCY 2		12. DATE OF FIRST SUBMISSION		14. DISTRIBUTION				
8. APP CODE		11. AS OF DATE		13. DATE OF SUBSEQUENT SUBMISSION Block 16		a. ADDRESSEE		b. COPIES		
							Draft	Final		
							Reg	Repro		
16. REMARKS  The contractor shall prepare and submit a draft First Article Test and Inspection Plan (FAT & IP) ninety (90) days in advance of First Article Test (FAT). The government shall review the plan within fifteen (15) days and submit corrections/modifications to the contractor. Upon receipt of government comments/requested revision the contractor shall have fifteen (15) days to finalize the FAT & IP.  The FAT Plan (FAT-P) shall include an inspection and test methodology to substantiate product conformance to drawings, MIL-PRF-32675, and contract requirements. Test procedures shall include applicable test reference, required equipment to perform the test, location of the test, step-by-step instructions for the test, data to be recorded, and pass/fail criteria.  As part of FAT-P the contractor shall delineate/coordinate how they intend to provide on-site support throughout Production Qualification Test (PQT). The contractor should also identify any additional local resources that they anticipate drawing upon as well (weld/fabrication shops, technicians, plumbing shops etc.)  16.1 Scope. The FAT-P shall include detailed planning information on each test specified in each of the contract specifications and in the other contractual documents that pertain to test methods and success requirements. Section 16.3 Data Section and Section 16.4 Test Information Sheets shall be separable. Contractor format is acceptable.  16.2 Applicable Tests. Test to be covered shall include the following categories. The contractor shall assign each test to the appropriate category below:  a. Tests b. Demonstrations c. Analyses d. Inspections e. Other validation methods  16.3 Test Plan. The contractor shall prepare a test plan that contains the following elements:  a. Test objectives, description and criteria. b. Test item configuration identification for each system, or component, to include quantities. c. For Helicopter Transport (If required), flight sequence profiles, including flight sequence performance and data presentation predications. Also including: (1) Anticipated restrictions with justification for each, (2) Anticipated parameter (velocity, altitude, maneuvers, etc.), (3) Specific high risk details if test involves high risk to personnel or material, or if the test requires performance outside of normal parameters.  SEE CONTINUATION SHEET						SFAE-CSS-E2-FS	1	1		
							AMSRD-ACC-NM	1	1	
							DCMC QAR	1	1	
15. TOTAL						3	3	0		
G. PREPARED BY Nicholas P. Kakalecz, Jr. DD FORM 1423-1, FEB 2001			H. DATE 8 Dec 2021 PREVIOUS EDITION MAY BE USED.		I. APPROVED BY		J. DATE			

**CONTRACT DATA REQUIREMENTS LIST**

(1 Data Item)

<b>A. CONTRACT LINE ITEM NO.</b>	<b>B. EXHIBIT</b>	<b>C. CATEGORY:</b> TDP _____ TM _____ OTHER _____	
<b>D. SYSTEM/ITEM</b> Army Standard Family Rigid Wall Shelters Phase 1 (ASF RWS P1)		<b>E. CONTRACT/PR NO.</b>	<b>F. CONTRACTOR</b>

**16. REMARKS** (Continued)

- d. Test schedules, including a test requirements matrix, notations of Government Furnished Equipment (GFE) and other resource availability constraints, and the location, number, duration and frequency of tests. Information shall be traceable to the contract and performance specifications as applicable.
- e. Instrumentation requirement and calibration instructions (measurement, accuracy and criteria).
- f. Data processing and reporting procedures to include data priorities, observable data requirement, data documentation, reduction, and analysis criteria and procedures.
- g. Safety considerations.
- h. Flow Diagram. The plan, should include, by attachment or reference, an overall Flow Diagram of the entire test program. Appropriate notations and references shall be included for traceability to the performance specifications and contract as applicable. This Flow Diagram shall include all significant test milestones, identification of all test documentation associated with each test; test locations; contractor/agency responsible for each activity and event; and any additional information which clarifies the description of the test program.
- i. Test Support Requirements. This section shall identify and describe all significant technical and logistical support required to implement each test. These requirements shall be expressed in sufficient detail to permit a determination of whether the contractor has the capability to support the test or needs to take action to acquire a capability. In general, consideration should be given to the following major requirements for each test:
- (1) Test logistics, including supply, maintenance, facilities, resources and transportation available/required.
  - (2) Personnel Planning Information. For each contractor or agency involved, summarize personnel test support requirements including an assessment of the kind of skills, number of personnel, skill level of each.

16.4 Test Information Sheets. Detailed test procedure information shall be documented on a Test Information Sheet (TIS), or equivalent, to satisfy the individual verification requirements of the specifications. Each TIS shall reflect the section 16.3 test planning, shall be separable from the section 16.3 plan, and may be delivered separate from the section 16.3 plans. Each TIS shall include (1) title and number of applicable specification, (2) paragraph number(s) of applicable specification, (3) title of test, and (4) category of test (see 16.2). Each TIS shall include the following information to the extent applicable on the particular test:

a. Planning Information. Each TIS shall include to the depth needed to show the adequacy of the test method and test limits:

- (1) Objectives. Describe the objective of the test. Define the success criteria relating to the specific test.
- (2) Description of the test item. Describe the test item as it relates to the specification and to the particular test.
- (3) Location, schedule, and number of test.
- (4) Support Equipment. Description of support equipment required from other sources (i.e. GFE or associated contractor).
- (5) Extent of prime and associated contractor participation.
- (6) Extent of government participation.
- (7) Instrumentation. Indicate type and recording devices to be used and number of parameters to be recorded.
- (8) Data reduction and analysis. Indicate data to be recorded and describe the data reduction and analysis techniques.
- (9) Government test facilities. For tests to be conducted at a government facility, indicate the applicable facility, and provide a reference to the appropriate Facility Requirements Document and other governing documents.
- (10) Procedures. Describe the step-by-step procedures to be followed. Include the number of items to be tested and the number of times each item is to be tested. For flight tests, include parameters such as velocity, altitude, flight maneuvers, power settings, etc.
- (11) Data reduction and analysis. Indicate data to be recorded and describe the data reduction and analysis techniques. It is necessary that all test results be presented in terms which can be correlated with specific specification requirements.

b. Summary. A summary shall be provided which includes a complete index of TISs, with cross-reference to the applicable specification paragraph number for each TIS.

Media shall be submitted in electronic format in either Microsoft Word or Adobe Acrobat PDF and delivered to the Product Manager Force Sustainment Systems Project Engineer. Refer to Section G for contact information.

**INSTRUCTIONS FOR COMPLETING DD FORM 1423***(See DoD 5010.12-M for detailed instructions.)***FOR GOVERNMENT PERSONNEL****Item A.** Self-explanatory.**Item B.** Self-explanatory.**Item C.** Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as "Provisioning," "Configuration Management," etc.**Item D.** Enter name of system/item being acquired that data will support.**Item E.** Self-explanatory (to be filled in after contract award).**Item F.** Self-explanatory (to be filled in after contract award).**Item G.** Signature of preparer of CDRL.**Item H.** Date CDRL was prepared.**Item I.** Signature of CDRL approval authority.**Item J.** Date CDRL was approved.**Item 1.** See DoD FAR Supplement Subpart 4.71 for proper numbering.**Item 2.** Enter title as it appears on data acquisition document cited in Item 4.**Item 3.** Enter subtitle of data item for further definition of data item (optional entry).**Item 4.** Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or one-time DID number, that defines data content and format requirements.**Item 5.** Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).**Item 6.** Enter technical office responsible for ensuring adequacy of the data item.**Item 7.** Specify requirement for inspection/acceptance of the data item by the Government.**Item 8.** Specify requirement for approval of a draft before preparation of the final data item.**Item 9.** For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref. DoDD 5230.24).**Item 10.** Specify number of times data items are to be delivered.**Item 11.** Specify as-of date of data item, when applicable.**Item 12.** Specify when first submittal is required.**Item 13.** Specify when subsequent submittals are required, when applicable.**Item 14.** Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16.**Item 15.** Enter total number of draft/final copies to be delivered.**Item 16.** Use for additional/clarifying information for Items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14.; Desired medium for delivery of the data item.**FOR THE CONTRACTOR****Item 17.** Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing, and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

**Item 18.** For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract.