CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER ____
D. SYSTEM/ITEM: T64 Engines	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A001	Reliability Test Reports	Nsn-2840-00-918-0098 Noun: No. Zero Seal Runner Production Lot Test / Inspection Report	
4. AUTHORITY *(Data Acquisition Document No.)*: DI-TMSS-81586 / T	5. CONTRACT REFERENCE	6. REQUIRING OFFICE: DSCR-JLTB	18. ESTIMATED TOTAL PRICE

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
SS		ASGEN	30DATC
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
N/A	A	See Block 16	N/A

16. REMARKS

Nsn-2840-00-918-0098 , Part# 37C302037P104 (99207).

Block 4. Tailored:

Use / Relationship
The Vendor shall provide a Final Test Report on Production Lot Sample Testing (PLT) and/or Inspection results for 10-percent of each production lot at 100-percent of drawing rqmt's and for 15-percent inspection of all critical characteristics of each production lot. Critical characteristics shall be determined by the DCM-QAR. Destroy Qty-02 to confirm mtrl and plating.

Requirements
The Report shall address DID para-3 sub-headers a thru i as well as para-3.2 and para-3.3, delete Summary Report rqmt's para-3.1 and 3.1.1.

The Report Analysis shall address the following as a minimum:

(a). Verify dimensional and surface texture rqmt's of dwg 37C302037 & spec's.

(b). Verify conformance of Plating rqmt's, as applicable.

(c). Verify critical characteristics, 15-percent of each production lot.

(d). Verify conformance of Magnetic Particle Inspection by an OEM approved source and that the material is per AMS 6322 or AMS 6323.

(e). Verify test equipment utilized for each inspection / test and provide evidence of any applicable calibration record.

Quantity shall be selected by the DCM QAR for Awardee testing.

Quantity may be selected by the DCM QAR for Sub-Vendor lab testing. Lab testing shall be coordinated with Bruce Fosnocht at 757-380-5557. Samples shall be shipped to attention Bruce Fosnocht; Code 134.14; Bldg 184 - Second Floor; Norfolk Naval Shipyard; Portsmouth, Virginia 23709; Mark Items: Production Lot Test - Not For Issue; Initial Item Acceptability-PLT / Inspection; Contract Number; Do Not Post Non-Accountable. The Lab facility shall be utilized if the Manufacturing facility does not possess adequate test equipment to verify drawing rqmt's. Destructive testing is approved for Qty-02 each. A copy of the contract and drawing(s) shall accompany the PLT samples.

Block 7. The Report shall contain the results from the Awardee testing and/or the results from the Sub-Vendor Lab. Vendor is only authorized to ship contract quantity upon written authorization from the DCM-QAR.

Block 11. Report is due no later than 260-days after contract award.

Block 14. Distribution as follows: Copy of the contract and drawing(s) shall be provided with the Reliability Test Report to:

1. DCM - QAR
   Vendor Office
2. Defense Supply Center Richmond(DSCR)
   Attn: DSCR-JLP
   8000 Jefferson Davis Highway
   Richmond, VA 23297-5877

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES: Draft	Final: Reg	Final: Repro
DCM - QAR Vendor DCM	0	1	1
DSCR-JLP PCO Richmond, VA	0	0	1
15. TOTAL →	0	1	2

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Joseph Lesyk Joseph Lesyk	07-16-2003	Joseph Lesyk Joseph Lesyk	07-16-2003

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.

DATA ITEM DESCRIPTION

Title: Reliability Test Reports

Number: DI-TMSS-81586
AMSC Number: G7401
DTIC Applicable: N/A

Approval Date: 5 October 2000
Limitation: N/A
GIDEP Applicable: No

Office of Primary Responsibility: G/Y243
Applicable Forms: N/A

Use/relationship:
These reports are formal records of the results of the contractor's reliability tests and will be used by the procuring activity to evaluate the degree to which the reliability requirements have been met. The reports shall be periodic test summary reports (see 3.1 below) or Final Test Reports (see 3.2 below) as reflected in the contract. These reports may be used to report the results of reliability tests or tests from which reliability evaluation is a by-product.

Requirements:

1. Reference documents: None

2. Format: Contractor format is authorized.

3. Content: The Reliability Test Reports shall contain the results of each test or other action taken to demonstrate the level of reliability achieved in the contract end item and its constituent elements required by the contract. The reports shall specifically contain the following:

a. Test article identification and full description of test specimens utilized, including any deviations from the configuration specified in the applicable test plan.
b. Date and location of test or evaluation.
c. Statement of test/evaluation objectives, including type, unit of measure, and quantitative goals/requirements to be demonstrated.
d. Statistical confidence calculations, if appropriate.
e. Discussion of methods and conditions of the demonstration, including test plan used, environmental levels, test profile, methods of evaluating the data obtained and comparison of the conditions with those anticipated in ultimate deployment and use of contract item.
f. Results obtained, including specific identification and discussion of objectives demonstrated satisfactorily and those not demonstrated satisfactorily.
g. Corrective action anticipated, if applicable.
h. Contractor's conclusion and recommendations based on evaluation of the test/demonstration results.
i. Requirements for and results of retest in cases where a reject decision were reached.

3.1 Summary reports. Periodic Test Summary Reports shall consist of summaries of the progress or status of various reliability tests underway during the reporting period. All periodic summaries shall include the following:

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a. Type and number of units on test and the type of test.
b. Total elapsed unit hours of test time during the period covered in the report.
c. Total number of equipment failures for each operational mode specified in the duty cycle.
d. Description of each failure problem area, related failure analysis, and corrective action.
e. Test conditions and analysis of any variation from specified conditions.
f. Present accept/reject status.
g. A chart showing a plot of the observed Mean Time Between Failures (MTBF) from start of test through the report period and the predicted value of MTBF for comparison.
h. The status and/or disposition of each corrective action

3.1.1 It is intended that the text of these reports be limited to brief, concise statements of significant progress and present status.

3.2 Final report. The Final Reliability Test Report shall include the information required by 3.1, items a. through h., and the results of the completed reliability tests or other action performed or evaluated to demonstrate reliability. The Final Report can be divided into two parts: Part 1, covering Reliability Qualification Testing, and Part 2, covering Production Reliability Acceptance Tests. Test reports shall include a failure summary and analysis and a general reliability analysis.

3.3 It is intended that the text of these reports be limited to brief and concise statements.

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