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MIL-T-47500/5(MI)
24 March 1989

MILITARY SPECIFICATION

TECHNICAL DATA PACKAGES

SPECIFICATION, TYPES AND FORMS

This specification is approved for use by the
Department of the Army and is available for use by all
departments and agencies of the Department of Defense.

1. SCOPE

1.1 Scope. This specification prescribes the format,
instructions, and detail requirements for specifications and
associated documents prepared in support of Department of Defense
(DOD) materiel.

1.2 Classification. Specifications shall be acquired in
the classifications, types and formats identified in table I.

Beneficial comments (recommendations, additions, deletions)
and any pertinent data which may be of use in improving this
document should be addressed to: Commander, U.S. Army Missile
Command, ATTN: AMSMI-RD-SE-TD-ST, Redstone Arsenal, AL
35898-5270, by using the self-addressed Standardization
Document Improvement Proposal (DD Form 1426) appearing at the
end of this document or by letter.

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distribution is unlimited.

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TABLE I. Classification, type and form.

Classification	Type	Format
Coordinated (MIL-STD-961)	Fully coordinated Limited coordinated "USED IN LIEU OF"	Government

Program peculiar
(MIL-STD-490)
	A - System/segment
	B - Development
	  B1 - Prime item
	  B2 - Critical item
	  B3 - Non-Complex item
	  B4 - Facility or ship
	  B5 - Software
	C - Product
	  C1a - Prime item function
	  C1b - Prime item
	       fabrication
	  C2a - Critical item
	       function
	  C2b - Critical item
	       fabrication
	  C3 - Non-Complex item
	       fabrication
	  C4 - Inventory item
	  C5 - Software
	D - Process
	E - Material
		*Government
		or
		Commercial

* As specified on the selection worksheet

1.3 Non-Government specifications and standards. These specifications and standards are suitable for use in support of Department of Defense (DOD) materiel as provided for in DOD Manual 4120.3-M.

2. APPLICABLE DOCUMENTS

2.1 Government documents.

2.1.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those listed in the issue of the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto, cited in the solicitation (see 6.2).

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SPECIFICATIONS

    MILITARY

        MIL-D-5480   Data, Engineering and Technical,
                                   Reproduction Requirements for
        MIL-T-47500   Technical Data Package, General
                                   Specifications for

STANDARDS

    MILITARY

        MIL-STD-490   Specification Practices
        MIL-STD-961   Military Specification and
                                   Associated Documents, Preparation of

(Unless otherwise indicated, copies of federal and military specifications, standards, and handbooks are available from the Naval Publications and Forms Center, (ATTN: NPODS), 5801 Tabor Avenue, Philadelphia, PA 19120-5099.)

2.2 Order of precedence. In the event of a conflict between the text of this document and the references cited herein (except for associated detail specifications, specification sheets, or MS standards), the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

3.1 General.

3.1.1 Identification. The contract shall identify the classification, type and format of specifications to be supplied.

3.1.2 Preparation. A specification may be prepared to cover a group of configuration items or a single configuration item, process or material.

3.1.3 Requirements. The complete requirements for specifications described herein shall consist of this document and MIL-T-47500.

3.2 Format. Specifications shall be prepared in one of the following formats as specified in the contract of purchase order.

3.2.1 Government. This format will conform to MIL-STD-961 and MIL-STD-490 except that specific paragraph sequencing, numbering, and titling need not apply.

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3.2.2 Commercial. This format shall conform to contractor format and practices.

3.3 Classification of specifications.

3.3.1 Coordinated specifications. Specifications classified as coordinated shall be prepared in accordance with MIL-STD-961 as one or more of the types identified in table I and as specified in the contract or purchase order (see 6.2).

3.3.2 Program peculiar specifications. Specifications classified as program peculiar shall be prepared in accordance with MIL-STD-490, as one or more of the types identified in table I and as specified in the contract or purchase order (see 6.2). Program peculiar specifications shall be prepared as specified on the selection worksheet. (Program peculiar product (Type C) specifications, which may have repetitive contractual application, should be considered for development as a specification in accordance with MIL-STD-961.)

3.4 Existing specifications. Specifications shall not be prepared for configuration items, processes, or materials that are already defined by the Government as identified in the DODISS or can be defined by non Government specifications which can be adopted for use in DOD materiel. Government approval is required for use of a non Government standard not adopted by the DOD.

3.4.1 Criteria for use. Program peculiar specifications prepared prior to the application of this specification shall be utilized rather than preparation of new specifications providing they meet the following criteria:

a. Design disclosure or functional requirements are adequate to support competition and logistics support requirements to peculiar program needs.

b. Cover sheet/title page contains, as a minimum, the design agency's Commercial and Government Entitity (CAGE) code, document number, date, nomenclature, and revision level, if applicable.

3.5 Part numbering in specifications. When required to identify an item, specifications shall include a specification-based part numbering system in accordance with MIL-STD-961.

3.6 Legibility and reproducibility. Specifications shall be of such clarity that, when reproduced, copies shall conform to the requirements of MIL-D-5480.

3.7 Identification of specifications. Numbers to be used for specification identification shall be as specified on the selection worksheet.

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3.8 Associated documents. Associated documents shall be as specified on the selection worksheet.

3.9 Selection of options. Requirements shall be as specified on the selection worksheets (see MIL-T-47500 and 6.2.d).

3.10 Reproductions. Reproductions shall be as specified on the selection worksheet.

4. QUALITY ASSURANCE PROVISIONS

4.1 Inspection requirements. Each specification shall be subjected to inspection to assure that:

a. Requirements, characteristics, and tests are adequately and properly included for the type specified.

b. Format conforms to the requirements for the form specified in the contract or purchase order.

c. Identifying numbers have been properly applied.

d. Materials are as specified in the contract or purchase order.

e. Proper cross-references and copies of referenced contractor documents are furnished.

5. PACKAGING

5.1 Packaging. Packaging shall be as specified in MIL-T-47500 and the contract or purchase order.

6. NOTES

(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

6.1 Intended use. Specifications acquired under this specification are intended for use by the Department of Defense and Agencies of the Department of Defense, and by Defense contractors in the design, development, production, engineering support, or procurement of items, materials, processes, and computer programs.

6.1.1 Types. The intended use of each type of specification is as follows:

6.1.1.1 <u>Type A-system specification</u>. Type A specifications are intended to be used as the functional configuration identification. They are generally intended for use only for systems of significant size or complexity.

6.1.1.2 <u>Type B-development specification</u>. Type B specifications are intended to be used for the procurement of engineering development of items. The allocated configuration identification for configuration items of a system will consist of Type B specifications. The functional configuration identification of an item developed independently of a system will also be a Type B specification.

6.1.1.3 <u>Type C-product specification</u>. Type C specifications are intended to be used for the procurement of items including computer programs. These specifications are most frequently used as, or part of, the product configuration identification.

6.1.1.4 <u>Type D-process specification</u>. Type D specifications are intended for use in describing a wide variety of processes and procedures, such as fabrication, packaging, inspection, and rendering of services. These specifications are most frequently used as a part of the product configuration identification.

6.1.1.5 <u>Type E-material specifications</u>. Type E specifications are intended for use in describing specific materials. Materials may be basic or semifabricated, such as paint, cloth and leather, which have not been fabricated into finished parts or items. These specifications are most frequently used as part of the product configuration identification.

6.1.2 <u>Formats</u>. The intended use of each format of specification is as follows:

6.1.2.1 <u>Government</u>. Specifications to this format are intended for use where the Government's intended use requires maximum control of the specification content with limited format control. Rigid paragraph numbering and specification structure is not required.

6.1.2.2 <u>Commercial</u>. These specifications are intended for use where the Government's intended use requires a minimum of definition and control. Commercial specifications are not necessarily intended for use in a competitive environment. However, they may meet competitive acquisition requirements and can be used.

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6.2 <u>Acquisition requirements</u>. Acquisition must specify the following:

a. Title, number, and date of this specification.

b. Applicable DID's (see 6.3).

c. Issue of DODISS to be cited in the solicitation, and if required, the specific issue of individual documents referenced (see 2.1.1).

d. Applicable selection worksheets (reproduced, completed, and included as part of the contract, see 3.9).

6.3 <u>Data requirements</u>. Applicable DID's are contained in MIL-STD-490 and MIL-STD-961.

6.3 <u>Definitions</u>. Definitions for the classification and types shown in table I shall be the same as those stated in MIL-STD-490 and MIL-STD-961.

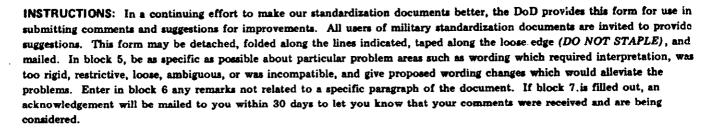6.4 <u>Subject term (key word) listing</u>.

Specifications

Custodian: Preparing activity:
 Army - MI   Army - MI

               (Project No. CMAN-0014-8)

Review activities:
 Army - AR, AT, AV, CE, CR, GL, ME, SM

INSTRUCTIONS: In a continuing effort to make our standardization documents better, the DoD provides this form for use in submitting comments and suggestions for improvements. All users of military standardization documents are invited to provide suggestions. This form may be detached, folded along the lines indicated, taped along the loose edge *(DO NOT STAPLE)*, and mailed. In block 5, be as specific as possible about particular problem areas such as wording which required interpretation, was too rigid, restrictive, loose, ambiguous, or was incompatible, and give proposed wording changes which would alleviate the problems. Enter in block 6 any remarks not related to a specific paragraph of the document. If block 7 is filled out, an acknowledgement will be mailed to you within 30 days to let you know that your comments were received and are being considered.

NOTE: This form may not be used to request copies of documents, nor to request waivers, deviations, or clarification of specification requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

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STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL
(See Instructions – Reverse Side)

1. DOCUMENT NUMBER	2. DOCUMENT TITLE
MIL-T-47500/5(MI)	Specification, Types and Forms

3a. NAME OF SUBMITTING ORGANIZATION

4. TYPE OF ORGANIZATION (Mark one)

☐ VENDOR

☐ USER

☐ MANUFACTURER

☐ OTHER (Specify): _____

b. ADDRESS (Street, City, State, ZIP Code)

5. PROBLEM AREAS

a. Paragraph Number and Wording:

b. Recommended Wording:

c. Reason/Rationale for Recommendation:

6. REMARKS

7a. NAME OF SUBMITTER (Last, First, MI) – Optional	b. WORK TELEPHONE NUMBER (Include Area Code) – Optional
c. MAILING ADDRESS (Street, City, State, ZIP Code) – Optional	8. DATE OF SUBMISSION (YYMMDD)

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