

1	SEQUENCE NO	L6
2	DATA DESC	Tools and Test Equipment, Special and General Purpose
3	SUBTITLE	
4	DID NUMBER	L6 dated 5/17/02
5	CONTRACT REF	Purchase Order
6	TECH OFFICE	Follow Shipbuilder
7	DD 250 REQ'D	
8	APPRVL CODE	
9	IAC INPUT	
10	FREQUENCY	
11	AS OF DATE	
12	DATE 1ST SUBM	75 DAPO
13	DATE SUB SUBM	R/ASR, 14 DARC
14	DISTRIBUTION	FSB 2/0 BIW(LYS) 1/0
15	TOTAL	3/0
16	REMARKS	

DATA ITEM DESCRIPTION	2. Identification	
	Agency	Number
1. Title TOOLS AND TEST EQUIPMENT, SPECIAL AND GENERAL PURPOSE	BIW/LYS (DDG)	L6
3. Description or Purpose  3.1 A list which identifies all recommended special and general purpose test/measurement/diagnostic equipment, tools and ancillary items required for proper operation, maintenance, test and repair of the end system or equipment and/or its subassemblies.	4. Approval Date  5/17/02	
	5. Office of Primary Responsibility  BIW D-83ILS	
	6.	
7. Application or Interrelationships  The Buyer will use this information to identify the tools and/or test equipment which must be procured to support the end system or equipment.	8.	
	9. References (Mandatory as cited in Block 10)  NAVSEA ST000-AA- IDX-010/PEETE MIL-STD-1364 Industrial Plant Handbook, DSAH 4215-15 NAVSHIP Publication 4400	
10. Preparation Instructions		
10.1 The list shall be in the Seller's format and shall separately identify built-in test equipment, portable electrical/electronic test equipment, special purpose electronic test equipment, and support equipment.		
10.2 The list shall include the following data for each item listed.		
<ul style="list-style-type: none"> <li>a. Name and/or nomenclature of tool/test equipment</li> <li>b. Manufacturer's model number</li> <li>c. Critical test parameter values. This information shall reflect actual measurement characteristics required by the prime equipment rather than the characteristics of the particular item of test equipment being recommended.</li> <li>d. Identify each maintenance task/frequency for which the item is used.</li> <li>e. If special purpose tools or test equipments are recommended, justification why common tools or test equipment cannot be used (example - a special meter used to test only this equipment, and for which another meter cannot be substituted).</li> <li>f. Sub-category (SCAT) code</li> <li>g. Quantity required</li> <li>* h. Allowance Parts List or Allowance Equipage List (APL/AEL) number</li> <li>* i. National Stock Number (NSN)</li> <li>j. Commercial and Government Entity (CAGE) code</li> <li>k. Unit cost</li> </ul>		

\* Number assignment to be after approval of L1 or L2.

10.3 The following definitions of support and test equipment apply:

- a. Built-In Test Equipment (BITE): Any device which is part of an equipment or system and is used for the express purpose of testing the equipment or system. BITE is an identifiable unit of the equipment or system.
- b. Portable Electrical/Electronic Test Equipment (PEETE): Includes all portable General Purpose Electrical/Electronic Test Equipment (GPETE), plus ancillary items such as probes, attenuators and terminations which support GPETE, that contain the capability, without modification, to generate, modify, or measure a range of parameters of electrical/electronic functions. Items listed in the Test Equipment Index, NAVSEA ST000-AA-IDX-010/PEETE and MIL-STD-1364 are considered PEETE.
- c. Special Purpose Electronic Test Equipment (SPETE): Electronic Test Equipment, portable or built in, that is specifically designed to generate, modify, or measure a range of parameters of electronic functions of a specific or peculiar nature and required to test a single prime ship system/equipment.
- d. Support Equipment (SE): Any common, general purpose, or special tool; test fixture; special apparatus; or mechanical test instrument required to perform any preventive maintenance action or any corrective maintenance action, including assembly; disassembly; replacement; and repair, on the end system or equipment and all of its components. Items which are not portable in nature or which meet the definition of BITE, PEETE, or SPETE are not considered support equipment. Support equipment includes nuclear radiation monitoring equipment such as radiacs. The Seller shall use the Industrial Plant Handbook DSAH 4215-15 and the Afloat Shopping Guide, NAVSHIP Publication 4400 in making SE selections.

10.4 The Seller shall prepare a list of Printed Circuit Boards (PCBs)/Electronics Modules (EM) which are part of the end system or equipment which require off-line automatic test equipment, (e.g., AN/USM-465) for maintenance. Test Program Sets (TPS) listed in the Master Test Program Set Index, ST-820-AC-IDX-OID/MTPSI shall be identified as well as recommendations for new TPS. A TPS is the total test package consisting of interface adapter, test tape and the instructions for test program operation. The list shall be in Seller's format and contain the following information.

- a. PCB/EM Number
- b. PCB/EM Part Number, Functional Description, and Type (Digital, Analog, or Hybrid)
- c. Number of PCBs/EM in the end system or equipment and location
- d. TPS Number (if known)
- e. Reliability estimates for each different PCB/EM
- f. Cost estimates for each different PCB/EM