Plans and Drawings for Navy Service

Service A Control, Brakes, and Accessories

PLANS — NAVY SERVICE A and B

MASTER PLAN

Unless otherwise specified, master plans will be the only type of plans furnished for Service A equipment.

Price: Refer to Individual Bulletin Numbers.

Master Plans will include the following information.

1—Manufacturers' Name and Catalog Identification of Apparatus.
2—Navy Specification governing the design of the control.
3—Descriptive data of controller i.e. enclosure, rating, operation, type, etc.
4—Descriptive data of associated equipment i.e. PB Station, Pressure Switch, etc.
5—Descriptive data of devices, and electrical design data of coils, resistors, etc.
6—Weights of controller and associated apparatus.
7—List of Spare Parts and Tools.
8—List of Material.
9—Connection and Schematic Diagrams.
10—Outline drawing and dimensions of enclosure.
11—Outline drawing and dimensions of panel.
12—Outline drawing and dimensions of accessories.
13—Description of operation.
14—Approved Status.
15—Title block.

SHIP PLAN

Ship Plans are required for Navy A and B service where master plans are not required. A ship plan involves a specific contract and cannot be extended to apply to more than one contract, unless specific approval has been obtained from the Naval Agencies involved.

Prices: Refer to Individual Bulletin Numbers.

NOTE: The master plan will be approved by the bureau concerned, and once approval is obtained no further approval by any Naval activity is required for the use of the plan on successive contracts or orders.

After award of contract or order for Navy Service A equipment, blue print copies of previously approved master plans will be submitted for confirmation of the apparatus being furnished. In case the controller is not covered by a previously approved Master Plan, blue print copies of the new plan will be submitted for information. Duplicate prints of the new master plan will be submitted to the bureau concerned for approval, and blue prints of the original plan submitted under the contract or order for information will be followed by prints of the bureau approved plan.

Blue print Copies of Plans Submitted for information or confirmation will be accompanied by a certification data sheet (8" x 10½" blueprint) attached to the master plan. The certification data sheet will contain information as follows.

1—Navy Contract Number or Shipbuilder's order number.
2—Manufacturer's order number.
3—Sub contractor's order Number.
4—Applications:
  a—Auxiliary.
  b—Number of controls per vessel.
  c—Motor H-p Rating.
  d—Full load amps.
  e—Volts.
  f—Overload heater Catalog Number.
5—Number of controllers involved.
6—Number of controllers per vessel.
7—Number of sets of spares per vessel contract, and total sets.
8—Number of vessels involved.
9—Vessel numbers or hull numbers.
10—Bureau Master Plan Number.

A Master Plan or Ship Plan must be furnished on every order for Service A or B Control equipment unless the contract specifically waives the requirement for such plan. Separate plans are required for all accessories.

Reproductions and Reproducible Copies of Plans

(Master Plans consist of the plan, a certification data sheet and a spare part list which is really a part of the certification data. Ship Plans are complete in themselves).

Reproductions of Master Plans or Ship Plans will be furnished when ordered at the following prices:

Tracing—full size photolithic tracing of ship plan on linen cloth.....$17. Net Each
Full size photolithic tracing of controller master plan on linen cloth.....$17. Net Each
Full size photolithic tracing of accessory master plans (pushbutton station, rheostat, etc.) on linen cloth...$17. Net Each
Van Dyke Negative — (Full size paper Van Dyke Negative) of various plans mentioned above.....$5. Net Each

Reproductions of Certification

Data Sheets.....No Charge

Reduced size copies of various plans mentioned above, $30. net for 1st 100 copies or part thereof; $6. net for each additional 100 copies ordered at the same time.

Type B and C Instruction Book Inserts

Instruction book inserts will be supplied when ordered, and will include the following material:

1. Certification Data Sheet.
2. Reduced size copy of the plan.
3. Spare parts list.
4. Renewal part publications, drawings or instruction sheets.

These inserts do not meet the Navy Requirements for Type B or Type C instruction books. These specifications require additional material which must be furnished by the contractor, some of which are enumerated below.

A. Title Page.
B. General Data.
C. Table of Contents listing all divisions and primary and secondary sub-divisions such as chapters, sections, etc. with the corresponding page numbers.
D. List of Illustrations and Plans specifying titles, figure numbers and pages on which illustrations appear.
E. Introduction.

Preliminary copies of instruction book inserts may be supplied in blueprint form. The final copies will consist of black and white sheets.

Price: Type C instruction book inserts will be supplied at the following prices:

$71. Net for first 100 copies or part thereof.
$20. Net for each additional 100 copies.

Type B prices on application.

Reproducible copies of the instruction book inserts will consist of negative Van Dyke copies of all sheets and will be supplied at $7. net each (in addition to base price of $71. net).

INSPECTION AND TESTS FOR NAVY SERVICE

SERVICE A CONTROL, BRAKES, AND ACCESSORIES

The Price of Control, Brakes, and Accessories as Listed in Bulletin 6900A includes Inspection and Tests— (Routine, Periodic, and Qualification) by Navy Inspectors required by MIL-C-2174, MIL-C-2212, and MIL-B-2035.

Prices of Any Special Inspection, Tests, or Installation Supervision Established on Application.

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