

FILE NAME: Foster Wheeler (FW)

DATE: 1966 Feb 25

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DOCUMENT DESCRIPTION: Memo RE Main Boilers, Philadelphia
Naval Shipyard

FOSTER WHEELER CORPORATION
LIVINGSTON, N. J.

INTER OFFICE CORRESPONDENCE

Job No. 3-47-360

February 25, 1966

TO: Mr. E. N. Perryman, Engineering Department

COPIES TO: Messrs. C. C. Winter, Contract Department
H. Pratt, Contract Design
R. R. Robinson, Equipment Engineering
H. Knackstedt, Contract Design
T. Schneible, Contract Planning

SUBJECT: Main Boilers
Philadelphia Naval Shipyard
Amphibious Force Flagship, AGC-19
Philadelphia Naval Shipyard IFB-151-28-6
F.W. Proposal No. O-3-37402
F.W. Contract No. 3-47-360

ENCLOSURES: (a) Marine Department letter to Contract Department
dated February 25, 1966
(b) Copy of AGC-19 Ships Specifications
(c) Copy of FW Proposal Specification
dated September 27, 1965
(d) Teletype to Foster Wheeler dated February 22, 1966

We are in receipt of a commitment, enclosure (d), from Philadelphia Naval Shipyard for the manufacture of one (1) shipset of boilers consisting of two (2) boilers per shipset for the U. S. Navy. Vendor's quotations for accessories will be submitted in a few days.

The subject boilers will nearly duplicate 3-47-101-6 with the exception that a dynamic analysis of the boiler is required and the soot blower arrangement will duplicate 3-47-107-8. The analysis will have an influence on certain areas of the boiler as previously determined.

- 1 -

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PLAINTIFF'S
EXHIBIT

FW-27 41

CONTINUATION SHEET
(SUPPLY CONTRACT)

MTA ORDER, OR INVITATION NO.
(If applicable)

FB-151-28-6

PAGE
NO.
2

Design Data - (Cont'd)

Maximum condition of roll, pitch and permanent list of the ships and range of propeller frequencies are as specified in 3.2.9 and 3.2.10 of MIL-B-18381 as modified by this specification.

Electrical power shall be available from the ship's 120 volt, single phase 60 cycles, I.C. system.

Shallow drip pans, arranged to catch all drips from burner manifolds and burner connections will be installed at each boiler front. These drip pans will be installed outside the outer casing. In addition, a small drip pan connected to a drain hole in the furnace front wall will be installed to prevent drippage of oil into the air space between boiler casings.

Equipment to be Provided by the Seller

The equipment described by this specification shall include the following. Omission of any necessary items from this list does not relieve the Seller of the responsibility of supplying all items necessary for satisfactory, safe and efficient operation of the equipment.

Boiler, including Economizer, Superheater and Desuperheater
Boiler Saddles (not including holding down bolts),

1 Direct Reading Water Gage with Shut-off and Drain Valves
(including Orifices, if required)

Remote Reading drum water level indicators, two per boiler,
each of which is to be fitted with high-low level alarm
contact makers and transmitter for transmitting electrical
signal to repeater indicators

Electrical remote reading drum level repeater indicator (1 per boiler)

Remote water level indicator drum valve (upper and lower)

Combustion Control and Feedwater Regulating System

Safety Valves

Mechanical Steam Assisted Atomizing Burners with Shut-off Valves

Soot Blowers and Operating Gear with Air Pressurizing System

Inspection Ports and Lights Air Casing

Peep Hole Fittings as specified

Means for attaching Insulation and Lagging of all Drum and
Piping External to the Inner Casing including Design De-
tails in standard Drawing Format complete with Bills of
Material for Insulation and Lagging for the Shipbuilder's
use.

Feed Piping from Steam Drum to Casing Terminal Connection
(If Required)

NAME OF BIDDER OR CONTRACTOR

5156/10054-9170