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13 July, 1899.

Estimates of the cost of
a steam Light Vessel.

The Lighthouse Board,

Washington, D. C.

Sirs:

The following estimates of the cost of a steam light vessel are respectfully submitted for the information of the Board.

The estimates are based on the plans and requirements for a vessel similar to light vessel No. 72, and the item of "machinery and boilers" includes steam windlass, hoisting engine, steering gear, etc. The item of "hull and equipment" includes every thing that pertains to the hull, spars, sails, boats, etc.

Material of which built.		
Wood.	Machinery and boilers,	$23,000.00
	Hull and equipment,	37,000.00
	Total,	$60,000.00
Composite.	Machinery and boilers,	$23,000.00
	Hull and equipment,	62,000.00
	Total,	$85,000.00
Steel.	Machinery and boilers,	$23,000.00
	Hull and equipment,	67,000.00
	Total,	$90,000.00

A special electric plant would cost from $4,000.00 to $5,000.00.

Respectfully yours,

W A Eglin

Commander, U. S. Navy,

Inspector 1st L. H. District.