WDG-WPD

Form 10

RECOMMENDATION AS TO AIDS TO NAVIGATION

615

LIGHT HOUSES AUG 8 1917

DEPARTMENT OF COMMERCE

LIGHTHOUSE SERVICE

OFFICE OF LIGHTHOUSE INSPECTOR, **Tenth** DISTRICT.

Inclosure Report

SPECIAL

THE COMMISSIONER OF LIGHTHOUSES: **Buffalo, N.Y., August 7** 191 **7.**

The following recommendation is submitted for the consideration of the Bureau:

1. Name of aid: **Manhattan Range Lights, Ohio**
2. Locality: **Toledo Harbor, Ohio**
3. Proposed action: **Install electric illumination in present range lenses, discontinuing**
4. Necessity: **Pintsch gas mantle lights and increasing the efficiency and economy of the lights**

5. Estimated cost: **$1,750**
6. Appropriation: **Special -- Aids to Navigation, Toledo Harbor, Ohio**
7. Payment: To be made from funds allotted.
8. Maintenance estimated, annual cost: **$50 per light**
9. Additional description and information:

See letter of transmittal

~~Hydrog.~~ O/K as noted on letter
~~Engr. Com.~~
Mar. Engr.
Personnel
Accounts.
Contracts
Chf. Clk.
~~Dep. Commr.~~
Commr.

In the absence and by direction of the Inspector.

W. L. Gardner

Superintendent.

CJL

DEPARTMENT OF COMMERCE

BUREAU OF LIGHTHOUSES

WASHINGTON **Aug.16,1917.**

OK as per last notes of July 11

Returned to the Inspector, authorized as requested, except as noted. You will proceed with the work, report its status, until completed, in your Monthly Report of Operations, and place in commission after proper Notice to Mariners has been issued. **Omit storage battery and rectifier for emergency use and use lamp substituting device,as developed by the Eleventh Inspector, in each lens.**

C

Acting Commissioner.

11—4054

ESTIMATE OF COST OF PROPOSED WORKS

615

LIGHT
AUG 8 1917
HOUSES

DEPARTMENT OF COMMERCE

LIGHTHOUSE SERVICE

AID: Manhattan Range Lights, Ohio — OFFICE OF LIGHTHOUSE INSPECTOR, Tenth DIST.

PROPOSED WORK:

Provide electric installation for illuminant in place of Pintsch gas with mantles.

Buffalo, N.Y., August 7, 1917.

Enclosure.

ITEMS, QUANTITIES, AND UNIT PRICES	AMOUNT
Bringing lighting current to both towers Labor and Materials,	$638.79
Electric Apparatus: Batteries, Rectifiers, Time Clocks, (not rec'd see note on letter)	484.
Materials, etc., for installation: Lamps, Switch Boards, Conduit, Wiring, Switches, etc.	250.
Labor Installation, including subsistence and travel,	200.
Incidental and contingent,	177.21
TOTAL,	$1,750.00

Estimate prepared by WDG

11—940