

Primary Battery File

National Archives, Washington D.C.

Record Group 77

Correspondence of the Chief of Engineers

Entry 96

File, Fort, Battery:

1892:4566

Ft. Strong

Btty Hitchcock and Ward

6477049
-99577
SUBJECT

Gun emplacement, Long Island Head.



Office of the Chief of Engineers,

United States Army,

Washington, D. C., October 5, 1892

Lieut. Col. O. M. Mansfield,

Group of Engineers,

Boston, Mass.

Colonel:

It is very desirable that the construction of fortifications should be carried on as expeditiously as possible, due regard being paid to economy and quality of work.

You are, therefore, requested to submit the detailed drawings and estimates of cost of construction of an emplacement for a 10-inch gun on disappearing carriage at Long Island Head, called for by department letter of August 9, 1892, at the earliest practicable day - and immediately to inform the Department when

the desired papers may be selected.

By command of Brig. Gen. Casey:

Very respectfully,

Your obedient servant,

John L. D. Knobel

Captain, Corps of Engineers.

UNITED STATES ENGINEER OFFICE,

P. O. BOX 5346, ROOM 124 P. O. BUILDING,

BOSTON, MASS.

Oct. 11, 1892

Dir. Gen. Thomas L. Casey,
Chief of Engineers, U. S. A.,
Washington, D. C.,

General:

In accordance with instructions of August 9, 1892, I have the honor to submit a working drawing and estimate of cost of construction of the most easterly emplacement of the battery at Long Island Head, Boston Harbor, Mass.

The cost of construction is estimated as follows:

8275 c. yds concrete	@ \$6 ⁵⁰	\$53787.50
7800 " earth excavation	@ 60 ^c	4680.00
8200 " embankment	@ 40 ^c	3280.00
1750 sq. yds. rodding	@ \$1	1750.00
50 c. yds masonry	@ \$25	1250.00
350 2. ft. drains	@ \$1	350.00
2 Inside doors	@ \$75	150.00
1 Outside door		100.00
1 Barricade		25.00

1 Lift
Lamp recess

\$1000.00

150.00

\$66,522.50

Contingencies

6652.25

Total \$73,174.75

~~very respectfully,
your obedt. servt.~~

~~Mumford~~
Lieut. Col. of Engineers

1 Incl. 4
(tracing in separate coll)

UNITED STATES ENGINEER OFFICE,

P. O. BOX 5346, ROOM 124 P. O. BUILDING,

BOSTON, MASS.

Nov. 22, 1892.

Brig. Genl. Thomas L. Casey,
Chief of Engineers, U. S. A.,
Washington, D. C.,

General:

I have the honor to submit the following project, for the expenditure of the sum of \$58,000⁰⁰ allotted by Department letter of Nov. 17, 1892 (Incl. 2 of 4566-1892), from the appropriation for Gun and Mortar Batteries, Act of July 23, 1892 towards the construction of an emplacement for one 10-inch gun on disappearing carriage at Long Island Head, Mass.

I respectfully recommend that all material be purchased by contract after inviting proposals in the usual manner, and that the work be done by hired labor, as this method is most advantageous and economical for the Government.

The following are the probable monthly expenditures:

Dec. 1892	\$500
Jan ^y . 1893	2000
Feb ^y "	500
Mch. "	1000
April "	5000
May "	8000
June "	8000
July "	8000
Aug "	8000
Sept. "	8000
Oct. "	5000
Nov "	3000
Dec "	<u>1000</u>
	58,000

~~very respectfully,~~
~~your obedt. servt.,~~
 M. M. M. M.
 Lieut. Col. of Engineers

4566
ENGINEER
DEPARTMENT
1892

W. S. Engineer
Boston,
Nov. 22, 1892.

Manusfield.
U. S. Engineer Office,
Boston, Mass.
984 Received NOV 29 1892

*Project for expenditure
of allotment of \$58,000
towards construction
of the emplacement
for one 10-inch gun
on disappearing carriage
at Long Island Head
Mass.*

P. P. Garrison

REC'D. ENGR. DEPT. DEC 1 1892
REC'D. ENGR. DEPT. NOV 26 1892

First indorsement.
OFFICE CHIEF OF ENGINEERS,
U. S. ARMY,
November 25, 1892.

Respectfully returned approved.
When such record as may be necessary has been made, this paper will be returned to this office.

By command of Brig. Gen. Casey:
John G. D. Snodgrass
Captain, Corps of Engineers.
Encls. 4 of 4566-1892.

2^d indorsement.
U. S. Engineer Office,
Boston, Mass.,
Nov. 29, 1892.

Respectfully returned
to the Chief of Engineers,
U. S. Army, in accordance
with *first* indorsement.
Manusfield
Lt. Col., Corps of Engineers
Forts. - 984.

REC'D. ENGR. DEPT. DEC 1 1892