

Primary Battery File

National Archives, Washington D.C.

Record Group 77

Correspondence of the Chief of Engineers

Entry 103

File, Fort, Battery:

46263

Ft. Kearny

Btty Armistead

Subject: Estimates-2 15-pdr.r.f.gun empls.Boston Neck,R.I. 38-4016

U. S. Engineer Office,

Newport, R. I., May 19, 1903.

Brig. Gen. G. L. Gillespie,

Chief of Engineers, U. S. Army,

Washington, D.C.

General:

1. In compliance with Department instructions contained in letter of March 6, 1903, E.D.F.M.No.46263, I have the honor to submit plans and estimates for the construction of two 15-pdr. rapid-fire gun emplacements at Boston Neck, Rhode Island.

2. The location selected is as indicated on the accompanying tracing. The estimates are based on the use of Shawnee brick lining in all the rooms and a waterproofing course of copper.

3. Estimates.

Materials and labor.	Quantity.	Price.	Cost.
Embankment, from excavation,	2450 cu.yds.	\$ 0.50	\$ 1225
" " 6" gun battery,	700 cu.yds.	0.50	350
Excavation, earth,	1300 cu.yds.	0.50	900
" rock,	1200 cu.yds.	1.75	2100
Road, sand for,	32 cu.yds.	1.25	40
Sodding,	2200 sq.yds.	.40	380
Crushed stone,	20 cu.yds.	2.50	50
Concrete, facing (Portland)	40 cu.yds.	12.00	480
" Portland,	580 cu.yds.	8.00	4640
" foundation,	100 cu.yds.	6.00	600
Forms,			360
Brickwork, facing,	1600 sq.ft.	0.60	960
" walls,	22 cu.yds.	20.00	440
Carried forward,			<u>\$ 13025</u>

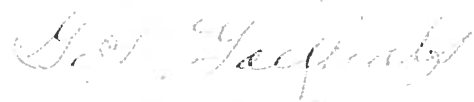
Brought forward,

\$ 13025

Terra cotta tiles,	420 sq.ft.	\$0.35	147
Waterproofing,	220 sq.yds.	3.00	660
Anchor plates,bolts and ring bolts,			80
Twisted steel bars,	1600 lbs.	0.04	64
Doors and frames,iron,	3 No.	90.00	270
Speaking tubes,	110 ft.	0.60	66
Corners,cast iron,	6 No.	10.00	60
Drainage,			50
Water supply (pipes and hydrants)			140
Electric conduits,			190
Plant,			268
Guns,moving and mounting,			90
			<u>\$ 15118</u>
Engineering & contingencies,about 10%,			1500
			<u><u>\$ 16618</u></u>

Very respectfully,

Your obedient servant,



Major, Corps of Engineers,U.S.A.

1 inclo. in sep.roll.

Thro' Col. Chas. R. Suter,
Corps of Engineers, U. S. A.,
Division Engineer, Northeast Division.

38 N.E.D. 1903

Rec'd, N.Y., May 20, 1903.

OFFICE CHIEF OF ENGINEERS

Newport, R.I.,
May 19, 1903.

WAR DEPARTMENT
Major Geo. W.

In compl. with Dept. letter of
March 6, 1903, submits plans and
estds. for two empls. for 3-inch
F. Guns on ped.mts. at Boston
N. k, R. I.
Ests., \$16, 610.

REPRODUCED AT THE NATIONAL ARCHIVES

1 inclo. (tr.) E.D.
Inclo 2 in trip file; On 26, 27,

Wm. Goethals

glt

File

P. G. 7

See 2 accounts.

1st indorsement.
NORTHEAST DIVISION
ENGINEER OFFICE.

New York, May 25, 1903.
Respectfully forwarded to the
Chief of Engineers, U. S. Army,
recommended for approval.

Chas. E. Suter
Colonel, Corps of Engineers,
Division Engineer.

38, 1903.
Inclo. 2 in sep. roll.

2nd indorsement.
Office Chief of Engineers
U. S. ARMY.
May 27, 1903.

1. Respectfully returned to
Major Goethals, approved.
2. An allotment of \$16, 600 for
the purpose is hereby made from
the appropriation for "Gun and
Mortar Batteries," for construc-
tion of gun and mortar batteries,
Act of March 3, 1903.
3. These papers to be returned
to this office.

By order of the
Acting Chief of Engineers:
Chas. V. Allen
Major, Corps of Engineers.

46263
Inclo. 2 in sep. roll.
Through Col. CHAS. R. SUTER,
Major
Division Engineer, Northeast Division.

3rd indorsement.
NORTHEAST DIVISION
ENGINEER OFFICE.

New York, May 28, 1903.
Respectfully forwarded to
Major Goethals, inviting atten-
tion to the preceding indorse-
ment.

Chas. E. Suter
Colonel, Corps of Engineers,
Division Engineer.

38, 1903.
Inclo. 2 in sep. roll.

4th indorsement.

U. S. ENGINEER OFFICE,
NEWPORT, R. I., June 8, 1903
Respectfully returned to the Chief
of Engineers U. S. Army, the neces-
sary record having been made.

Edmund E. Feltell
Captain, Corps of Engrs., U. S. A.

Thro' Col. Chas. R. Suter,
Corps of Engineers, U. S. A.,
Division Engineer, Northeast Division.

38-4094

5th indorsement.
NORTHEAST DIVISION
ENGINEER OFFICE.

New York, June 10, 1903.
Respectfully forwarded to the
Chief of Engineers, U. S. Army.

Chas. E. Suter
Colonel, Corps of Engineers,
Division Engineer.

38, 1903.
Inclo. 2 in sep. roll.
HEAD OFFICE CHIEF OF ENGRS. JUN 11 1903