

Primary Battery File

National Archives, Washington D.C.

Record Group 77

Correspondence of the Chief of Engineers

Entry 103

File, Fort, Battery:

46249

Ft. Kearny

Btly French

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 of March 6, 1903, E.D.F.M.No.46249, I have the honor to submit herewith plans and estimates for the construction of four 6-inch rapid-fire gun emplacements at Boston Neck,R.I. At the time the revision of the project was under consideration, the Board of Engineers was in favor of separating the 6-inch gun batteries into two of three guns each. On account of the more easy adaptability of four guns in one battery to three, it is proposed herein to construct four of the emplacements together as indicated, with the crest of the battery disposed so as to secure the widest field of fire possible to the site.

2. Estimates are based on the use of Shawnee brick lining in all of the rooms and a waterproofing course of copper.

3. Estimate.

Material and labor.	Quantity.	Price.	Cost.
Embankment, from excavation,	5900 cu.yds.	\$ 0.50	\$ 2950
Excavation, earth,	7800 " "	0.50	3900
" " rock,	2000 " "	1.75	3500
Road, sand for,	80 " "	1.25	100
Forwarded,			\$ 10450

Brought forward,			\$ 10450
Sodding,	4620 sq.yds.	\$0.40	1848
Crushed stone,	240 cu.yds.	2.50	600
Concrete: facing,	400 " "	12.00	4800
Portland,	4940 " "	8.00	39520
Foundation,	500 " "	6.00	3000
Forms,			3000
Brickwork: facing,	11660 sq.ft.	0.60	6996
Walls,	260 cu.yds.	20.00	5200
Terra cotta tiles,	1380 sq.ft.	0.35	483
Waterproofing,	1425 sq.yds.	2.60	3705
Anchor and ring bolts,	60 No.	7.00	420
Twisted steel bars and I beams,	14000 lbs.	0.04	560
Doors, windows and frames,	35 No.	90.00	3150
Speaking tubes,	885 ft.	0.60	531
Handrails,	95 ft.	1.80	171
Ventilators,	18 No.	6.00	108
Corners (cast iron)	54 "	10.00	540
Manholes,	10 "	70.00	700
Gratings and downspouts,		200.00	200
Drainage,		823.00	823
Water supply,		800.00	800
Electric conduits,		1000.00	1000
Painting,		80.00	80
Plant,		3000.00	3000
Guns, moving & mounting,		2000.00	2000
			\$ 93685
Contingencies and Engineering, about 10%			9350
			\$ 103035

Very respectfully,

Your obedient servant,

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

1 inclo. in sep. roll.

Thro' Col. Chas. R. Suter,

66249

1
0
N-E-D
1903

FILED
N. Y. May 20, 1903.
249

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

hals,
Major Geo. W.

empl. with Dept. letter of
1903, submits plans and
r four empls. for 6-inch
s on dis. carr. at Boston
I.
., \$103,035.

1 inclo. (tr.) E.2.
in May file; On 26, 24. 70.

1
M. H. H. H. H.

File
249

OFFICE CHIEF OF ENGRS.
JUN 12 1903
2 acc'g

1st indorsement.
NORTHEAST DIVISION
ENGINEER OFFICE.

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

Col. R. S. Suter
Colonel, Corps of Engineers,
Division Engineer.

50,
1
1903.
Inclo. 2 in sep. roll.

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

May 26, 1903.

1. Respectfully returned to Major Goethals, approved.
2. An allotment of \$103,000 for the purpose is hereby made from the appropriation for "Gun and Mortar Batteries," for construction of gun and mortar batteries, Act of March 3, 1903.
3. These papers to be returned to this office.

By command of Brig. Gen. Gillespie:
Major, Corps of Engineers

46249

Inclo. 2 in sep. roll.
Through Col. CHAS. R. SUTER,
Corps of Engineers,
May 24, 1903 Division Engineer, Northeast Division.

3rd indorsement.
NORTHEAST DIVISION
ENGINEER OFFICE.

New York, May 29, 1903.
Respectfully forwarded to Maj. Goethals, inviting attention to the preceding indorsement.

Col. R. S. Suter
Colonel, Corps of Engineers,
Division Engineer.

50,
1
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 necessary record having been made.

Captain. Corps of Engrs., U. S. A.
C. S. S. S.

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

38-4093

5t.
NORTH

New York
Respectfully
Chief of Eng

Col. R. S. Suter
Colonel,
Division

50,
1
1903.
Inclo. 2
RECD. OFFICE