

Primary Battery File

National Archives, Washington D.C.

Record Group 77

Correspondence of the Chief of Engineers

Entry 103

File, Fort, Battery:

11978

Ft. Monroe

Betty Humphreys

SUBJECT: Estimates for Platforms, Fort Monroe, Va.

United States Engineer Office,

601 Eighteenth Street, N. W.,

Washington, D. C.,

July 20, 1895.

Brig. Gen. W. P. Craighill,
Chief of Engineers, U. S. Army,
Washington, D. C.

General:

In compliance with department letter of May 28, 1895, (11204), I have the honor to submit herewith an itemized estimate of the cost of constructing a platform for a 10-inch service high-power gun mounted on a Crozier-Buffington disappearing carriage, at the batteries at Fort Monroe, Va.

EMPLACEMENTS AT REDOUBT.

Estimated Cost of one Platform.

Filling, 750 cu. yds. sand, @ 50¢	\$ 375
Sheathing for concrete, 11 M ft. lumber @ \$40	440
Concrete American cement, 315 cu. yds. @ \$6	1,890
" Portland " 72 " " " @ \$10	720
Stone steps, lintels, &c., 113 cu. ft. @ \$3	339
Excavation of concrete now laid, 26 cu. yds. @ \$2	52
16 Anchoring bolts, base ring, @ \$6	96
28 " " traverse circle, @ \$4	112
Setting bolts (with template)	40
Steel I beams, 3,600 lbs. @ 4¢ laid	144
Iron plates for bearing of beams, 750 lbs. @ 4¢	30
3 Cranes @ \$40	120
Drainage (Iron pipe)	80
Iron steps at rear of platform	240
Superintendence and contingencies	468
	<u>\$5,146</u>
Estimated cost of two platforms	\$10,292

OFFICE OF CHIEF OF ENGINEERS
11978
WAR DEPARTMENT

July 20, 1895

1st Lt. [Name] [Rank]

23. 1895

and approval recommended.

[Signature]

Division Engineer, Southeast Division.

Estimate of cost of constructing a
platform for a 10 inch gun at
Fort Monroe, Va.

Total cost for the \$15,312.00
forward by Div. Engr.

\$15,312.00
July 26, 1895

July 22, 1895