

Primary Battery File

National Archives, Washington D.C.

Record Group 77

Correspondence of the Chief of Engineers

Entry 103

File, Fort, Battery:

27481

Ft. Fremont

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UNITED STATES ENGINEER OFFICE,

Charleston, S. C., July 21, 1898.

Brig. Gen. John M. Wilson,
Chief of Engineers, U. S. A.,
Washington, D. C.

Sir:-

There is submitted the following estimate for the third 10", or flank emplacement on St. Helena Island, as called for by your letter of July 11, 1898, (27481):

ESTIMATE FOR 10" FLANK EMBLACEMENT.

3810	Cu. yds. concrete, at \$8.00	\$30480.00
6000	" " Earth fill, " .25	1500.00
33000	Lbs. I Beams, " .02	660.00
7	Doors, " 50.00	350.00
2	Shot lifts and cranes, 1800.00	3600.00
		350.00
2	Trolleys,	
2	Cranes with lifts, (see above)	
170	Ft. 1" speaking tube, brass, 287 lbs. at 18¢	
75	" 3/4" tubing for electric wiring, 94 lbs. " 18¢	68.58
		381 lbs. " 18¢
		2.00
1	Iron cover for cistern 3 ft. in diam.,	25.00
1	Iron ladder,	112.00
1	" Stairway, 14 steps, at \$8.00 per step,	63.00
1	" " 9 " " \$7.00 " "	128.25
475	Sheets Corrugated Iron, #23, at 27¢ per sheet,	8.96
28	" " #29, " 32¢ " "	200.00
	Setting base ring,	37547.79
		7509.56
	Add 20%	\$45057.35

The estimate was prepared by Lieut. Keller, with the assistance of Ass't. Engineer Leland in charge. I am inclined to think that the concrete is rather small in amount, and would prefer to increase the total to \$50,000, which cannot be deemed excessive.

Very respectfully,

E. H. Ruffner.
Major of Engineers.

27481

WAR DEPARTMENT

Charleston, S.C.,
July 21, 1898.

Prof. Green,
May, 6, 21.

In reply to E. D. Keeten of
July 11/18, architect's report of
\$45,057.35 prepared by least
McLennan and Mack, & Co., defendant,
for the third 10" x 10" plank cut
in it, the same found. This is
not for concrete (\$30,450) the
mural, and removed for the
increase to total to \$50,000.

114 13.5 5-75

UNITED STATES ENGINEER OFFICE,

Charleston, S. C., March 2, 1899.

Brig. Gen. John M. Wilson,
Chief of Engineers, U. S. Army,
Washington, D. C.

General:

I visited St. Helena Island yesterday and find that the concrete for the third and last emplacement for ten-inch rifles will be finished this week, and the sand parapet in about two weeks more.

If satisfactory arrangements can be made with adjacent land-owners fertile earth will be got and put over the parapet slopes. This may take some time; it being slow work. The cable tank will be finished after the sand parapet is completed.

There are two carriages in place, the rifles should be sent; and also the third rifle and carriage; if this Department is to mount them.

There should be on hand a balance large enough to instal an electric lighting plant. With your permission I will submit specifications and advertisement therefor.

Very respectfully,

Major of Engineers.

WAR DEPARTMENT

1st

March 7, 1899.

Respectfully returned.
The Ordnance Department has at
10-inch carriage ready, which will
be shipped to Saint Helena Island at
once.
Major Rufner will submit speci-
fications and advertisement for an
electric light plant, with esti-
mates of cost, as suggested by him.
This paper to be returned.

By *Wm. D. Wilson*
For Wilson

27481

Lt. Col., 2d U. S. V. Engrs.

Original in Register

Wm. D. Wilson
ENDORSEMENT

U. S. ENGINEER OFFICE

Charleson, S. C. *March 9, 1899*

Respectfully returned to the Chief of
Engineers, U. S. Army, the necessary
record having been made.

Wm. D. Wilson

MAJOR G. W. D. Wilson

UNITED STATES ENGINEER OFFICE,

Charleston, S. C., May 20, 1899.

Brig. Gen. John M. Wilson,
Chief of Engineers, U. S. Army,
Washington, D. C.

General:

I wish to report that the three emplacements for 10-inch rifles on disappearing carriages on St. Helena Island are complete, as ordered. All of the work of every description is completed. Two of the carriages are in place, the third at Port Royal. One gun is ordered, but not received. All of the tools and material will be stored and the place put in order.

The cables will be put in the cable tank, which is ready, as soon as possible.

Very respectfully,

Major of Engineers.

OFFICE, CHIEF OF ENGINEERS
222
1899
WAR DEPARTMENT.

Director, War Department
May 26, 1899

Respectfully returned to Major Rufner, for recommendation as to the advisability of taking steps to secure the transfer of these emplacements and the two emplacements for 4.7-inch rapid-fire guns to the artillery, under A. R. 1486. The Department understands that the installation of an electric light plant has not yet been completed.

By order of the

Acting Chief of Engineers

27481
19

Joseph B. Ketchum
Captain, Corps of Engineers

2d DISTRICT

U. S. ENGINEER OFFICE

Washington, D. C. May 26, 1899.

Respectfully returned to the Chief of Engineers, U. S. Army.

With the exception of the electric light plant the fortifications are complete. I do not understand that the mounting of guns, or carriages is a necessary function of the Engineer Department. We have funds and expect to mount the carriage and run that are going. With this understanding I recommend a transfer to the Artillery. The electric light plant will not be put in for months.

Edw. W. Johnson

Major of Engineers.

SUBJECT. Transfer of electric-lighting plant, Fort Fremont, S.C.

*Office of the Chief of Engineers,
United States Army,*

(Washington, July 8, 1901.

Hon. Elihu Root,

Secretary of War.

(Through the Adjutant General, U.S. Army.)

Sir:

I have the honor to report the completion of the electric-lighting plant for the emplacements for three 10-inch guns at Fort Fremont, S.C., and to recommend that the necessary instructions be now issued for its transfer to the troops for use and care, under the provisions of paragraph 1692, A.R., edition of 1901.

There is submitted, herewith, an outline tracing of the emplacements, showing the electric wiring system, with notes for its care and maintenance. It is further recommended that this tracing be approved, and, if approved, that the signature of the Secretary of War be affixed to the tracing and the latter be then returned to this office to enable blue prints to be prepared for the information and guidance of all concerned.

Very respectfully,

Your obedient servant,

Alfred H. ...

Acting Chief of Engineers.

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Inclos. 26 & 27 accomp.

MAJOR GENERAL
OFFICE OF THE CHIEF OF ENGINEERS

27481
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Washington D.C.
July 6, 1901.

of Engineers.

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plant for the
for three 10" guns at
S.C., and recommends
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be affixed thereto and
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information and guidance of
concerned.

1st Indorsement

Adjutant General's Office
Washington, July 10, 1901

Respectfully submitted to the
Secretary of War:

Acting Adjutant General.

JUL 13 1901

2nd Indorsement.
War Department,
July 12, 1901.

Approved as within recom-
mended.

JUL 13 1901
Secretary of War.

3d Indorsement

War Department
Adjutant General's Office
Washington, July 17, 1901

Respectfully returned to the
Chief of Engineers, U.S. Army,
with the action of the Secre-
tary of War endorsed hereon,
and with copy of instructions
of this date to the Commanding
General Department of the East,
and the signature of the Secre-
tary of War affixed to accom-
panying tracing.
By order of the
Acting Secretary of War.

Asst. Adjutant General.
Assistant Adjutant General.

1 enclosure.

4th Indorsement
Office Chief of Engineers
July 20, 1901.

Respectfully referred to
Capt. J.C. Sanford, Corps of Engi-
neers, for his information and
guidance.
Captain Sanford is requested
to have one or more blue prints
of the tracing posted in the
rooms to which it pertains, and

to furnish such additional
copies as may be desired by the
Post Commander. Attention is in-
vited to G.O. No. 65, A. G. O.,
current series.

When such record as may be
necessary has been made, these
papers will be returned to this
office with report of date of
transfer, and receipt of the Ar-
tillery officer, on which the
condition of the electric plant
should be stated.

27481
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Inclo. 29 accomp.
Inclo. 27 in sep. roll.

Major V. Allen

5th

Chief of Engineers, U.S. Army,
the requirements of the preced-
ing indorsement having been co-
plied with. One copy each of
the invoice and receipt for the
electric light plant is trans-
mitted herewith. The transfer
was made July 26, 1901. The
voltmeter for this plant will
be shipped to the makers im-
mediately for repairs.

Inclosures.
Captain of Engineers
(Inclosure in sep. roll)

JUL 10 1901
A.C.
Inclo 27, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100