

Primary Battery File

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Record Group 77

Correspondence of the Chief of Engineers

Entry 103

File, Fort, Battery:

46262

Ft. Adams

Btty Belton

Subject: Estimates-2 15-pdr.r.f.gun empls.-Ft.Adams,R.I. 38-4015.

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.46262, I have the honor to submit plans and estimates for the construction of two 15-pounder rapid-fire gun emplacements at Fort Adams, R.I.

2. The location of the battery indicated is that selected by the Board of Engineers at the time that the revision of the project was under consideration and it is proposed to line the rooms throughout with Shawnee brick and to make the waterproofing course of the magazines of copper.

3.		Estimate.		
Material and labor.	Quantity.	Price.	Cost.	
Embankment, from excavation,	700 cu.yds.	50¢	350	
" to be bought,	288 " "	\$1.00	288	
Excavation, earth,	700 " "	50¢	350	
" rock,	1480 " "	\$1.75	2590	
Road, sand for,	20 " "	1.25	25	
Sodding,	1200 sq. "	0.50	600	
Crushed stone,	40 cu.yds.	2.50	100	
Concrete, Facing (Portland)	40 " "	12.00	480	
" Portland,	620 " "	8.00	4960	
Forms,			350	
Brickwork, facing,	1600 sq.ft.	0.60	960	
" walls,	22 cu.yds.	20.00	440	
Terra cotta tiles,	420 sq.ft.	0.35	147	
Waterproofing,	320 sq.yds.	3.00	660	
Forwarded,			\$ 12300	

Brought forward,

\$ 12300

Anchor plates, bolts and ring bolts,			80
Twisted steel bars,	1600 lbs.	4¢	64
Doors and frames, iron,	3 No.	\$90	270
Speaking tubes,	110 ft.	60¢	66
Corners, cast iron,	6 No.	\$10	60
Drainage, including manhole covers,			300
Water supply, pipes and hydrants,			660
Electric conduits,			190
Plant,			280
Guns, moving and mounting,			90
			<u>\$ 14360</u>

Engineering and contingencies, about 10%

1400
<u>\$ 15760</u>

Very respectfully,

Your obedient servant,

Chas. R. Suter
Major, Corps of Engineers, U.S.A.

1 inclo. in sep. roll.

1h of Col. Chas. R. Suter,
Corps of Engineers, U. S. A.,
Division Engineer, Northeast Division.

