

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2235	Press
B.P. No.		Mis.
Dated	13-8-	195
		6874

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
13th August 1874.*

No. 262. Read the following letter from Lieutenant-Colonel J. GODDARD, R.E., District Engineer, Presidency, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Fort St. George, 21st July 1874, No. 1,847:—

I HAVE the honor to submit for sanction plan and estimate, with specification

- 1 Plan.
- 1 Abstract Estimate.
- 1 Specification Report.

report, amounting to Rupees 440, for removing and relaying the stone floor of the boiler-room at the Gun-powder Factory, which have been prepared at

the request of the Superintendent of the Factory, and approved by that officer and by the Inspector-General of Ordnance and Magazines, as also by His Excellency the Commander-in-Chief.

2. The Superintendent states that at present water rises through the floor and fills the room, causing serious injury to the boiler seating. It is therefore now proposed to remove the present floor and to relay the same upon a bed of hydraulic concrete, to prevent water rising through the floor. I can from long experience corroborate the statement of the Superintendent. The boiler, etc., are 6' 3" below the ground level, in order to secure them from injury in case of explosion in the drying room close at hand, and as water appears at the Powder Mills very close to the surface, the boiler-room is of necessity constantly wet. It had 8 feet 9 inches of water on the floor on the 24th November 1872, and the boilers and furnaces were all submerged.

3. The estimate provides for everything necessary, and the rates are reasonable and sufficient, and no supplementary works will hereafter be required.

4. Funds may be granted from the current year's Reserve under Military at the disposal of Government.

No. 263. ORDER THEREON, 13th August 1874, No. 2,235.

MILITARY WORKS, No. 5.

SANCTIONED for execution from funds at the disposal of the Presidency District Engineer.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Presidency.

" Officiating Controller of Public Works Accounts.

" *Military Dept*

Exd. S. T. Austin.
Spare Copies

Work --- of relaying the stone floor of the boiler room at the
 Gun Powder Mills

Quantity	Description of work.	Rate	Amount
	Dismanthling brick work and removing boiler - - - - -	20	20
	Re-lining boiler - - - - -	10	10
560 3/4	Removing the stone floor and cleaning to a depth of 1 1/2 - - - - -	1	5 99
630	Laying concrete composed with Hydrant's Co. cement - - - - -	4 2	184 1 - 1/2
560	Laying stone flags in the above - - - - -	7	39 3 2.
560	Pointing stone floor with Portland Cement. - - - - -	2	11 3 2.
370	Brick in chimney - - - - -	2 5	55 14 "
800	Plastering 1 coat with Portland Cement - - - - -	12 8	100
	Sundry charges &c - - - - -	14	11
		Total Papers - - - - -	440

Fort St George
 21st July 1874.

Wm J. J. J. Lieut Col R. E.
 Dist Engineer Presd

Comd

5

Specification Report to accompany the
 Estimate for relaying the Stone floor of the Boiler
 room at the Gun Powder Mills
 Estimate Amount Rs 140

This estimate provides for removing the stone floor of the Drying house boiler room, as also the boiler with its seating. The whole of the floor to be cleared out for a depth of one foot. Concrete to be prepared in the proportions detailed in the Estimate in a dry state, the lime being imbedded, & when a sufficient quantity is ready, to be thrown into the place cleared out, well mixed with water and well tamped. The old stone to be carefully imbedded in this & the joints to be pointed with Portland Cement. The sides of the walls all round, are to be plastered with Portland Cement up to ground level. The boiler to be re-seated

For Sanat Genl
 21 July 1874

Comd C. E.

J. G. Mason A. M. E.
 District Engineer Presidency

Recd. 21 July 1874
 In 18. 11. 262

Recd. 21 July 1874

Pa 64 1107-95

Estimate of relaying
 the Stone floor of the
 Boiler room at Gun
 Powder Mills.

Amount Rs 140

Mr. 4519/74

1847.

From

The District Engineer

to the Secretary to Government

The Chief Engineer, and

Secretary to Government

Sir,

Encl.
Plan
Abst. Etc.
Specimen report.

I have the honor to submit for sanction plan and Estimate with Specification Report amounting to Rs 440- for removing and relaying the stone floor of the boiler room at the Gunpowder Factory which have been prepared at the request of the Supt of the Factory, and approved by that officer and by the Inspector General of Ordnance and Magazines, as also by His Excellency the Commander-in-Chief.

2 The Supt states that, at present water rises thro' the floor and fills the room, causing serious injury to the boiler seating. It is therefore now proposed to remove the present floor and to relay the same upon a bed of Hydraulic concrete to prevent water ^{rising through} the floor. I can from long experience corroborate the statement of the Superintendent. The boilers are 6' 3" below the ground level, in order to secure them from injury, in case of explosion in the drying room close at hand and as water appears at the Powder Mills very close to the surface the boiler room is of necessity consequently wet. It had 8' 9" of water on the floor on the 21st November 1872, and the boilers and furnaces ^{were} all submerged.

3 The Estimate provides for everything necessary, and the

B. M. 1874 Sept.
 No. 14579
 The Dict. Engineer

Providence
 27.
 The Chief Engineer
 28th

Dated 21st July 1874.
 Recd 22nd
 Enc 3. 18. 1874

I submit for your
 consideration and estimate 10.
 amounting to \$10.440 for
 the stone floor of the boiler
 room at the Gun Powder
 Factory.

With Order

223.
 Attached for account
 from funds at the disposal of the
 President and Trust Engineer.

Mr. George F. Fawcett
 Secretary of the
 Army and Navy
 262-263
 27th July 1874
 262-263

4519
Govt. of 1874 Mad
PUBLIC WORKS.

1. The Dist. Ingr.
Residency

Dated

Recd.

Part. 3.

2235

G. O. 13 Ingr. 1874, No. 2235

Nos. 262-263.

Gun Powder Factory -

Estimate amounting to
Rs. 440 for removing &
relaying the stone floor
of the boiler room at the
Factory, sanctioned,
for execution from funds
at the disposal of the
Residency B. E. & Co.