

(1) Number of pages 6

(2) Date of repair 02-12-65

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. <u>3562</u>	Press ~~Mis.~~
<u>586-587</u>	
Dated <u>26-11-1865</u>	

Not to be folded or roughly handled

12

*Proceedings of the Madras Government, Public Works Department,
24th November 1865.*

No. 586. Read the following Proceedings of the Madras Government in the
Military Department:—

Directing the Principal Inspector General Medical
Department to arrange, in communication with
Mr. Moncrieff, for any further trials of the ice
machines belonging to the Medical Department
which may be considered necessary, and sanc-
tioning a bill for Rupees 6-13-6 for materials,
&c., which have been used in making trials,
and intimating that further expenses incurred
will be met by contingent bills.

(Here enter 17th November 1865, No. 4,246.)

No. 587. ORDER THEREON, 24th November 1865, No. 3,562.

ESTABLISHMENT, No. 85.

Communicated to the General Super-
intendent of the Public Works Stores and
Workshops.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the General Superintendent Public Works Stores and Workshops, with one Enclosure.

Exd. S. T. Augustia.

30

MILITARY DEPARTMENT.
PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers:—

Memorandum from the Principal Inspector } Here enter 21st September 1865, No. 281.
General, Medical Department. }
From the General Superintendent of Public } „ „ 31st October „ „ 867.
Works Stores and Workshops. }

No. 281.

MEMORANDUM.

Forwarded to the Secretary to Government, Military Department, in reference to their Proceedings, No. 3336, dated the 7th instant, with recommendation that Mr. Moncrieff may be requested to test the machines.

FORT SAINT GEORGE,
21st September 1865.)

(Signed) W. MACKENZIE, M. D.,
Ag. Insp. Genl. of Hospitals, for
Prinl. Insp. Genl. Medl. Dept.

From the Medical Storekeeper, Fort Saint George, 18th September 1865, No. 194; to the Secretary to the Principal Inspector General Medical Department.

In acknowledging the receipt of Proceedings of the Madras Government, Military Department, No. 3336 of the 7th September 1865, I have the honor, with reference to your memorandum, No. 3265 of the 14th instant, to state that I know of no one here qualified to test the ice machines otherwise than has been already done.

2. The only suggestion I can offer is a reference to Mr. Moncrieff, the General Superintendent of Public Works Stores and Workshops, or to a Committee of Executive Medical Officers.

Referred to the Department Public Works, with previous papers, to ascertain if Mr. Doderet can undertake the duty in question.

25th September 1865:

Forwarded to the General Superintendent of Public Works Stores and Workshops, with a request that he will instruct Mr. Doderet to inspect and thoroughly test the ice machines in question, and furnish an estimate of the probable cost of placing them in repair.

PUBLIC WORKS DEPT, FORT ST. } (Signed) J. SHAW STEWART, Major, R.E.,
GEORGE, 26th September 1865. } Under Secretary to Government.

From the General Superintendent Public Works Stores and Workshops, Chepauk, 31st October 1865, No. 867; to the Secretary to Government, Public Works Department, Fort Saint George.

1. With reference to your endorsement of the 26th September 1865, I have the honor to report that the five Carré and Co.'s ice machines, belonging to the Medical Department, have been thoroughly tested, and work well. I think it would be highly desirable that another trial should be given to each machine in the presence of the Medical Storekeeper, so that that Officer may be made acquainted with the peculiar treatment required by each machine.

Enclosures 2.

1 Report.

1 Bill amounting to Rupees 6-13-6.

2. It was quite impossible for me to supply a probable estimate as ordered, as no repairs were required.

3. I enclose Mr. Doderet's original report on the working of the machines.

4. I herewith beg to enclose a bill for materials, &c., used during the trials.

50
From Mr. F. DODERET, Mathematical Instrument-maker, Chepauk, 31st October 1865; to the General Superintendent, Public Works Stores and Workshops.

I have the honor to report on the five ice machines received from the Medical Store-keeper for trial and repair, which have undergone five different experimental trials, and I am happy to say all worked more or less satisfactorily.

To acquaint myself with the construction and the mode of working the same, I had my first trial with No. 2386, which had not been tried before.

By trying the whole five on the next day, Nos. 2391 and 2385 did not work till taken out of the cooling tub, when the gas did go back with a rush, but the others gave between 2½ to 3lbs. of ice each. On the next trial, No. 2391 worked well, giving about 3lbs. of ice. The next trial with the same numbers, viz., Nos. 2391 and 2385, the former began working as soon as reversed, without any difficulty, but 2385 did not work at all. After some consideration as to where the error was in this machine, it struck me that the valve which opens (or should open) to receive the gas back from the congelator to the boiler might have been too tight, and in consequence would not open, on my tapping the upper part of the boiler, the valve disconnected itself, when the machine began to work and gave about 3lbs. and 15oz. of ice.

I can now with confidence say that all machines can be worked, but before they are distributed they should be tried, and each should be accompanied with written instructions.

As to the cost of repairs and trials I beg to say that it is impossible for me to say what repair the others may require, those five sent did not require any repair. Should the Medical Store-keeper feel inclined to attend the trials, I beg you will let me know a few hours before.

Transferred with bill and report and the previous papers to the Military Department for disposal.

FORT SAINT GEORGE,
1st November 1865.

(Signed) C. A. ORR, Colonel, R. E.,
Secretary to Government, P. W. D.

ORDER, No. 4246, 17th November 1865.

Ordered that the foregoing letter from the General Superintendent of Public Works Stores, be communicated to the Principal Inspector General Medical Department, who will arrange, in communication with Mr. Moncrieff, for any further trials of the ice machines as may be considered expedient, and the result reported to Government.

*Rupees (6-13-6) six, Annas thirteen and Pies six.

2. The bill* submitted is sanctioned, and any further expenses incurred will be met by contingent bills.

(True Extract.)

Maunillan C. E.
Deputy Secretary to Government.

To the Principal Inspector General Medical Department.

- .. Public Works Department, with an enclosure. & 20 spare copies.
- .. Controller of Military Accounts, with a bill.
- .. Examiner Pay Department.
- .. Military Accountant.

Exd. A. W. Cooke.

1860 Dec 21

Del

Mr. 46405

Pro. of Gov. in the
Military Dept

Dec 21

31

Respecting the Prince
- had sleep? Yes! We 21 Dec 1860
- among, in communication with
- the Monarch, for any further
- facts of the see machines he
- coming to the West Dept
- which may be considered
- necessary, and surrounding
- a letter for 1860-13-6 for
- materials 24 which have been
- used in making trials and
- indicating that further ex-
- penses incurred from these
- trials will be met by an-
- nual bills.
- Dec 21 1860-24 Nov 1865-
- with a note

3562

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Communicated to the
General Superintendent of the
Public Works Store and
Workshops.

W.B.

Franklin County
24 Nov 1865
The General Superintendent
P. W. Store & Workshops
W.B. 27 Nov 1865

1082

12 Dec 27 1865

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1860 386 387