

(1) Number of pages 6(2) Date of repair 8-12-47

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.**Government of Madras.****DEPARTMENT.**

G.O. No.	Press
	Mis.
Dated	18

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
22nd July 1865.*

No. 591. Read the following Proceedings of the Madras Government in the
Military Department :—

Recording Memorandum from the Quarter
Master General, forwarding certain
correspondence relative to the experi-
mental Stove constructed for boiling
Gram for the Horses of the Artillery at
Trichinopoly. (Here enter 17th July 1865, No. 2,644.)

No. 592. ORDER THEREON, 22nd July 1865, No. 2,123.

MILITARY WORKS, No. 44.

Communicated to the Superintending
Engineer of the 6th Division.

(True Extract.)

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

To the Superintending Engineer of the 6th Division.

Exd. T. O'Connor.

MILITARY DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers :—

Memorandum from the Quarter Master General, Head Quarters, Ootacamund, 4th July 1865, No. $\frac{141}{7020}$; to the Secretary to Government, Military Department, Fort Saint George.

Forwarded to Government, with reference to Proceedings of Government, No. 1568, dated 9th May 1864.

2. The Commander-in-Chief observes that the result of the working of this Stove can hardly be considered a success. Its cost has exceeded the Estimate of 1,110 by Rupees 137-12-7, and there has been no saving in fuel, as the fuel has cost nothing, being supplied by the Horse-keepers from the refuse of the Horse Lines.

3. Officers Commanding Batteries being allowed 20 Rupees a month for purposes including the supply of fuel, any saving which would have arisen, had firewood been supplied by the Officer Commanding the Battery, would have been the profit of the Officer, and not of the Government. The Commander-in-Chief does not, therefore, think the provision of Stoves to Batteries generally, will be advantageous. They cost three times the amount required to build an ordinary Gram boiling Shed, and are productive of no saving whatever.

From the Officer Commanding Southern Division, Head Quarters, Trichinopoly, 7th June 1865, No. 139; to the Quarter Master General, Head Quarters, Ootacamund.

Adverting to Proceedings and Orders of Government, dated 9th May 1864, No. 1568, I have the honor to submit for the information of His Excellency the Commander-in-Chief, copy of a Report made by the Executive Engineer, Trichinopoly, on the experimental Stove for boiling Gram for the Horses of the Battery at that Station.

2. As regards economy in fuel, the Officer Commanding the Battery reports that great advantage has accrued from the use of the Stove, half the quantity formerly required being now sufficient.

3. I have caused the Officer Commanding the Battery to be addressed with respect to the remark made by the Executive Engineer, as to the injury done to the Stove by careless and violent stoking, and he has been desired to see that this is discontinued in future.

4. The Stove has been worked about five and a half months.

From the Executive Engineer, Trichinopoly, 5th June 1865, No. 229; to the Deputy Assistant Quarter Master General, Southern Division.

I have the honor in reply to your letter, No. 309 of 2nd instant, to inform you of the present state of the experimental Gram boiling Stove, constructed for the Battery of Artillery at this Station.

The top of one of the furnaces is cracked by the heat.

The rear faces of both the furnaces, where they join the flue, are breached, partly owing to the material of which composed (Fire bricks from the School of Arts Madras) having suffered from the heat, but mainly to careless and violent stoking, by which first fragments and afterwards whole bricks have been raked out, leaving in each case a large hole at the junction of the flue with the furnace, temporarily plastered up with loose bricks and clay.

It appears to me that greater thickness should have been given to the masonry, both of furnace and flue (it is only 9" thick) and it would probably be an improvement to make the interior rear face of the furnace of a curved outline, instead of rectangular, and protect it with an iron plate fire back.

The rest of the building is in good order.

From the Officer Commanding Southern Division, Head Quarters, Trichinopoly, 30th June 1865,
No. 153; to the Quarter Master General, Head Quarters, Ootacamund.

No. 89.

*Calls for further information regarding the
experimental Stove for boiling Gram for
Horses of the Artillery at Trichinopoly.*

I have the honor to acknowledge the receipt
of your letter, dated 22nd instant, No. and sub-
ject as per margin.

2. In reply, I beg to state for the informa-
tion of His Excellency the Commander-in-Chief,
that the Officer Commanding C. Battery 23rd Brigade Royal Artillery, now reports that neither
under the old system, nor since the introduction of the Stove for boiling Gram, has any expenditure
been incurred for fuel, the only article of the kind used being Bratties made up of dung collected
from the Stables, and of the quantity expended, no account has been kept; the Gram is boiled by
the Horse-keepers and there is therefore no charge for attendants.

3. The total cost of constructing the Gram boiling Shed with Stoves complete, was Ru-
pees 1,237-12-7, being in excess of the Estimate*
by Rupees 137-12-7, caused partly by the cost
of fire bricks procured from Madras, and high
rates paid for roofing materials, originally estimated with insufficient rates in 1863.

* Rupees 1,110.

ORDER, No. 2644, 17th July 1865.

Recorded.

2. With reference to Proceedings of Government, No. 660, dated 18th
February 1861, Government wish to be informed how the Stoves at the Remount
Depôt have been found to answer.

(True Extract.)

Hamilton
Under Secretary to Government.

To the Quarter Master General, with 2 enclosures.

„ Public Works Department,
„ Remount Agent, Oosoor,... } for information.

With 10 spare Copies

1865
No. of Garrison
July 1865
No. of Garrison
No. of Garrison

17 July
1865

Lib

Friday 1865
2173 2123

Communicated to the

Superintendent, Engineer of the

Division.

Lib

Arch 84 Range 2
22nd July 1865

Remitting them
from the 1st of June
forwarding certain
correspondence relative
to the experimental
stone construction
for building for the
of the building at
Richmond

To the Superintendent Engineer of the
Division

2007.24. July 16

2007.24. July 1865

2007.24. July 1865