

(1) Number of pages 182

(2) Date of repair 1

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Bible works DEPARTMENT.

G.O. No. <u>3181</u>	Press <u>Mis.</u>
<u>271-72</u>	
Dated <u>14-10-</u>	<u>1867.</u>

Not to be folded or roughly handled

17

Proceedings of the Madras Government, Public Works Department,

14th October 1867:

No. 271. Read the following Endorsement of the Superintending Engineer, 3rd Division, dated Camp at Cuddapah, 1st October 1867, No. 1,796:—

Read the following letter from the Assistant Engineer, in charge of Military Buildings Range, Bellary, to the Superintending Engineer, 3rd Division, dated Bellary, 23rd September 1867, No. 126.

I beg to report, with reference to the Bug-boiler which was put up for the use of Her Majesty's 76th Regiment, that after full trial I consider it not adapted for the purpose required. On the 17th ultimo I obtained 520 lbs. of wood, had the pan filled with water, set the fire at $\frac{1}{4}$ to 9 A. M., at $\frac{1}{2}$ past 12 the thermometer, when plunged in the water, stood at 160°

at 1 o'clock 162°

at 1½ „ 170°

at 2 „ 175°

when all the wood being expended I dropped further experiment. The wood cost Rupees 4. The cubical contents of the pan I calculate to be 210 gallons. I would beg to observe that I attribute the failure to the description of pan used as much as to any fault in the construction of the fire-place, the pan is 6½ feet in diameter at top, 1 foot 10 inches in depth, the iron at the bottom is nearly half an inch thick, from which it is gradually reduced, leaving the edges at one-third of an inch. It is evident that to thoroughly heat so great a mass of iron must necessarily require a great length of time and much expenditure of wood.

Forwarded to Government, with reference to G. O. No. 705 of 9th March 1867.

(Signed) A. S. MOBERLY, Major, R. E.,

Superintending Engineer, 3rd Division.

No. 272. ORDER THEREON, 14th October 1867, No. 3,181.

MILITARY WORKS, No. 21.

Communicated to the Military Department, with reference to the Orders in that Department No. 3,401, dated 12th September 1865.

See also Proceedings in the Public Works Department, Nos. 4,022 and 705, dated 20th December 1866 and 9th March 1867, respectively.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,

Secretary to Government.

To the Military Department.

,, Superintending Engineer, 3rd Division.

Esd. S. T. Augustin.

18/26

To

The Superintending Engineer 35
3rd Division

Sir,

I beg to report with reference to
the Bug Boilers which was put up for
the use of Her Majesty's 76th Regiment that
after full trial I consider it not
adapted for the purpose required - on the
17th ultimo I obtained 520 lbs of wood, had the
pan filled with water - set the fire at
1/4 to 9 A M at 1/2 past 12 the Thermometer
When plunged in the water stood at
160°

at 10 o'clock 162°

at 1 1/2 - - - 170°

at 2 - - - 175° when all the wood being
expended I dropped for other experiments.
The wood cost Rs 4 - - - The Caloric
contents of the pan I calculate to be
210 Gallons. I would beg to observe that

I attribute the failure to the description
of pan used, as much as to any fault
in the construction of the Fire place.
the pan is $6\frac{1}{2}$ feet in diameter, at top
1.10" in depth, the iron at the bottom is
nearly $\frac{1}{2}$ inch thick. from which it is
gradually reduced leaving the edges, at $\frac{1}{3}$
inch. It is evident that to thoroughly
heat so great a mass of iron, must
necessarily require a great length of time &
much expenditure of wood.

I remain

Sir

Your Obedient Servant

N. B. Bellary

Assistant Engineer

Bellary

23rd September 1867

No. 1796

Forwarded to Govt with reference to G.O.

No. 705 of 9th March 1867

S. E. Office

Camp Fuddah
10th Oct 1867

W. W. M. Major
Super. Engineer

Public Works Department.

NO 3181

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 11th Oct/67

Read the following

From The Supg Engineer } (Here enter No. 1796 dated 1st October 1867/
3rd Dec }

Communicated to
the Military Department
with reference to the
orders in that Department
N^o 3401 dated 12th Sept
/65-

See also Proceedings
in the P.W.D. N^o 4022 and 705
9th Dec/66 and 9th March/67
respectively-

For the Military Dep^t
- as Sept by memo 3rd Dec/67

Recd 15/10/67

WLB

Pro-9 Memo/67 N^o 162-163

Pro-9 Memo/67 N^o 162-163
Pro of Govt for October
N^o 3758

From
The Supg. Engr 3rd Dec
To the Secy to Govt
11/10.

2nd 1st } Oct/67
Recd 4th }
N^o 1496

Reporting on
the bag boiler referred
to in G. O. Oct 705-
9 March 1867.

27/10

NO 3181-145 Oct/67

9th Oct/67 N^o 115

70/27
P. W. 1867. Department.
Pro: of Govt for October
No: 3181

PROCEEDINGS OF GOVERNMENT. *of Madras*

71
Dated 14th October 1867

Communicating to the
Military Department the
Letter submitted by the Asst. ^{g.}
Engineer of the 3^d Division
Reporting the result of a trial
of the Bug boiler put up for
the use of H. M. 9th Regiments
at Bellary.

271-272

70/27
Q. 115