M.R.O. 1—77,006—8-6-37.

(1) Number of pages 6

(2) Date of repair 2/1/13

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 1869 Press ~~Mis.~~

306-307

Dated 14-6- 1866.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
14th June 1866.

No. 306. Read the following letter from the Officiating Under Secretary to Government, P. W. D., in charge of Public Works Store Department, to the Secretary to Government, Public Works Department, dated Chepauk, 5th May 1866, No. 144 :—

1. In reply to paragraph 2 of G. O. No. 1,135, dated 13th April 1866, directing me to report on the suggestion made by the Superintending Engineer of the 4th Division, viz., that the teak-wood oil recommended by Mr. Brown, as a preservative for timber against the attacks of white ants should be prepared in large quantities in the Public Works Stores for issue to Range Officers; I have the honor to state that, after three trials made in accordance with Mr. Brown's directions, the total quantity obtained from 6 lbs. of teakwood chips amounted to $1\frac{1}{4}$ oz., and the cost as per margin, to Annas $6\frac{3}{4}$, the value of the chips not being taken into account. Such a cost would be entirely prohibitive to any extensive use of the oil, and as Mr. Brown, in his letter of the 21st August 1865, states that the cost of the oil per quart in the Central Provinces is only one anna, it is probable that the process adopted by him is not fully understood here; at the same time as it is to be made from the chips and shavings of the Workshops, which pre-supposes that the wood is seasoned, I cannot think that it will be possible to make it here at any thing like the rate named by Mr. Brown, or indeed at any price which will render its use in large quantities as a coating for timber, economical. Several other Officers in the 4th Division have made experiments with this oil, and if the Government consider the subject worth further enquiry, I would suggest that they be directed to report the cost at which they obtained their oil, information which the Superintending Engineer of the 4th Division in his letter printed with the above orders of Government does not supply.

		RS.	A.	P.
Wood		0	1	0
Pots		0	2	0
Cooly		0	3	9
	Total...	0	6	9

2. I take this opportunity of reporting, with reference to G. O. No. 2,655, dated 11th September 1865, that several pieces of deal, some coated with teak-wood oil and some with Cullens' composition, were buried in the old store-rooms, which were much infested with white ants, and when taken up months afterwards were all found to be untouched.

No. 307. ORDER THEREON, 14th June 1866, No. 1,869.

ESTABLISHMENT, No. 23. Ordered to be recorded.

(True Extract.)

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

Exd. S. T. Augustin.

Public Works Store Department

Chepauk 5th May 1866

No. 144

From

Captain T. Chrystie R.E.

Offg Under Secretary to Government P.W.D

In charge of P.W. Store Department

To

Colonel Charles A. Orr R.E.

Secretary to Government P.W.D

Fort Saint George

Sir

In reply to para 2 of G.O No. 1135 dated 13th April 1866, directing me to report on the suggestion made by the Superintending Engineer of the 4th Division, Vizt. that the teak wood oil recommended by Mr. Brown as a preservative for timber against the attacks of white ants should be prepared in large quantities in the P.W. Stores for issue to Range Officers, I have the honor to state that, after 3 trials made in accordance with Mr. Brown's directions, the total quantity obtained from 6 lbs of teakwood chips amounted to 1¼ Oz, and the cost as per margin to annas 6¾, the value of the Chips not being taken into account; Such a cost would be entirely prohibitive to any extensive use of the oil, and as Mr. Brown in his letter of the 21st August 1865, states that the cost of the oil per quart in the Central Provinces

Rs. a. p.
— — 2 —
— — 3 — 9
— — 6 — 9

Provinces is only one anna, it is probable that the process adopted by him is not fully understood here; at the same time as it is to be made from the Chips and shavings of the Workshops, which presupposes that the wood is seasoned, I cannot think that it will be possible to make it here at any thing like the rate named by Mr Brown, or indeed at any price which will render its use in large quantities as a Coating for timber, economical. Several other Officers in the 4th Division have made Experiments with this oil, and if the Government consider the subject worth further Enquiry, I would suggest that they be directed to report the Cost at which they obtained their oil, information which the Superintending Engineer of the 4th Division in his Letter printed with the above orders of Government does not supply.

I take this opportunity of reporting, with reference to G O No 2655, dated 11th September 55, that several pieces of deal, some Coated with Teak wood oil and some with Cullen's Composition, were buried in the old store rooms, which were much infested with white ants, and when taken up months afterwards were all found to be untouched.

I have the honor &c

Sir

Your Most Obedient Servant

W Hingston Captain RA

Offg Under Secretary to Govt PWD Michigan

13th April 1866 No 1135
11th Septr 1865 — " — 2655

P.D. 1866 Deptt
Pro: of Govt Jan Issue
No 2327

From

The Officer in charge
of P.K. Store Deptt

To

The Secretary to Government
Public Works Deptt
Fort Saint George

Dated 5th June 1866
Received 7th June 1866
No. 1869 - 14 June 1866
Pro. No. 1866.

Reports on the Experiments
made in the manufacture
of Teakwood oil as recommended
by Mr Brown as a preserva-
tive for timber against the
attacks of White Ants and
informs that some deal wood
pieces coated with this oil and
some with Allen's Composi-
tion buried in a place
where it was infested by
White Ants were found when
taken out after some months
untouched by them.

No 2307-2327

Entered

1869

No 1869.

Ordered to be recorded

N.

Fort Saint George
14th June 1866.

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