

Public Works (1898) Department.

RAILWAY BRANCH.

G.O., No. 715. *Ry*

DATED 12th May 1898

[Despatch Abstract.]

Supply of sleepers to the Calicut-
Cannanore Railway.

Ordered that certain instructions be
given to the B.^d of Revenue for the supply
— from the Forest Dept.

Indexed.

BACK PAPERS.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Revenue (1898) Department.

P. W. Dept
Ry. Branch

Railway
CURRENT No. 586

PP 005

From The Bd. of Rev.
L. R.

Order - No 715. Payable 12/5/88

Read. Board of Revenue Reference No.
204. dated 7th May 98. (Land Revenue)

7 No. 204 Ref

Dated 7. 5. 98

Received } 9.5.98
Registered }

Registered

Enclosures

Spare copies

SUBJECT.

Requesting certain
instructions from Govt.
re: The supply of papers
to the Calicut-Cannanore
Ry.

The Board will be informed that the ^{quantity} ~~quantity~~ ^{of} ~~of~~ ^{sleepers} which would probably be bought from the
Forest Dept. if proper arrangements were made for their ^{supply} ~~supply~~
would ~~be~~ ^{be} ~~in~~ ⁱⁿ ~~round numbers~~ ^{round numbers} be as follows.

In the Cabinet Camera R. 136,000 within say 3 yrs

In the Shrewsbury Creek R. 164000 " " "

Future requirement for both railways, 10,000 annually to begin with rising at the end of 10 years to 30,000 and standing thereafter at that figure. It is hoped that

This estimate will enable the Forest Dept. to make ~~the~~

a forecast, as to what it would be possible for it to
do, ^{in order that} ~~as with~~ the Hudson Railway ^{maybe able} ~~buying~~ to come

to such arrangement with them as with others of the allegory

they require being obtained in the Presidency instead of from

England. Fks

Frs.

Despatched on 12/5/98
Newspapers Office

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Reference on No. of 1898.

In replying the above should be quoted.

(LAND REVENUE.)



Read Endorsement of the Acting Under Secretary to Government, Revenue Department, dated 16th April 1898, Mis. No. 1652 forwarding to the Board Proceedings from the P.W. Department, Railway Branch, dated 7th April 1898, No. 544 Ry, and the following reference thereon ^{d/} ~~Xm. 23~~ April 1898, No. 184.

Referred to the Conservator, Southern Circle for very early report.

Reference No. 204 dated 7th May 1898.

If the Forest Department is to make any special arrangements for the provision of sleepers it is probable that a considerable initial expenditure will be involved, and the Board would be glad if some estimate could be given of the probable ~~xxx~~ annual demand for sleepers, for renewals at different centres, and the kinds of wood approved by the Railway authorities.

The woods which occur to the Board are:--

Teak-----Tectona Grandis

Maddi-----Terminalia Tomentosa

Ironwood -----Xylion Delabrifomis
(Irul)

Vengai or Yegi-----Pterocarpus Marsupium

Achca or Yepi-----Hardwickia Binata

Sal-----Shorea Robusta

Some-----Loymida Febrifuga

Manja Kadambai-----Adina Cordifolia ~~as Padmejanera~~

or Rudrajanapa

Donel Davidson.
Ag. Secretary

To

The Secretary to Government, P.W. Department, Railway Branch
To the Conservator, S.C.

RAILWAY.

Government {1898} of Madras.
PUBLIC WORKS.

Recd.

1898.

Enclosures

Regd.

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G.O., No. 1141 Ry., 16th September 1898.

SEPTEMBER.

Sleeper Supply

Informing the Board of Revenue of the number of sleepers which are likely to be required annually for renewals on the standard and metre gauge railways in the Madras Presidency, and requesting it to report what steps it proposes to take for supplying them.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following papers:—

Endorsement of the Board of Revenue (Land Revenue), Reference No. 217, dated 20th May 1898, on G.O., No. 715 Ry., dated 12th May 1898.

Read—G.O., No. 715 Ry., dated 12th May 1898.

Forwarded to the Conservator of Forests, Southern Circle, for early attention.

2. The Board would be glad if it could be supplied with a similar estimate of the probable demand for renewals on the Madras, South Indian and East Coast Railways.

From—The Consulting Engineer for Railways, Madras.
To—The Agents, Madras and South Indian Railways.
Dated—Ootacamund, 27th May 1898, No. 46/O.

I shall be glad of a rough estimate of the probable number of timber sleepers which are usually required annually by your railway without reference to contemplated extensions. I make the enquiry in connection with a question now under reference, whether or not the Forest Department could arrange to manufacture railway sleepers. Will you also please tell me the usual prices you pay for them in depôt, and at which depôts. An early reply will oblige.

From—The Agent and Manager, Madras Railway Company.
To—The Consulting Engineer for Railways, Madras.
Dated—Madras, 6th June 1898, No. 10661/499.

In compliance with the request contained in your letter, No. 46/O., dated the 27th ultimo, I have the honour to give, below, a statement of wooden sleepers giving the desired information:—

STATEMENT of wooden sleepers showing probable number and size required annually with price.

Dimensions.	Average annual requirements. No.	Irul wood at Calicut.	Irumbugam and Karimurdo at Calicut.	Teak at Arkonam.
		RS. A. P.	RS. A. P.	RS. A. P.
10' × 10" × 5"	2,024	4 2 0	5 3 0	..
12' × 12" × 7"	576	8 12 0	12 4 0	25 10 1
16' × 12" × 6"	622	9 10 6	13 12 0	29 4 8

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways, Madras.
Dated—Trichinopoly, 17th August 1898, No. 770.

With reference to your letter, No. 46/O. of the 27th May 1898, which I regret has not been replied to earlier, I have the honour to inform you that the number of sleepers annually required by this railway may be taken as 30,000.

The average prices per 6' 6" × 9" × 4½" sleeper are—

	RS.	A.	P.
Pyngadu (Irul) from Kallai, near Calicut, delivered at Erode	...	3	4 0
Pyngadu from Burma, delivered on the wharf at Negapatam	...	3	1 0

We are now obtaining 15,000 Jarrah sleepers from West Australia at Rs. 3-8-0 per sleeper delivered over ships side at Negapatam, the landing charge being an additional anna per sleeper.

ORDER—No. 1141 Ry., dated 16th September 1898.

The Board of Revenue will be informed in reply to their reference No. 217, dated 20th May 1898, that the Madras Railway Company's estimate of probable annual consumption of wooden sleepers is equivalent to about 3,000 sleepers 10' × 10" × 5". Also that the South Indian Railway Company's estimate is for about 30,000 metre gauge sleepers 6' 6" × 9" × 4½" annually. The 700 miles of East Coast Railway in this Presidency will probably, after a few years more, require 1,00,000 broad gauge sleepers 10' × 10" × 5" for annual renewals.

2. The prices now paid are approximately as follows:—

	RS.	A.	P.
Standard gauge, Irul, delivered at Calicut	...	4	2 0
Irumbugam, " "	...	5	3 0
" " Karimurdo, " "	...	5	3 0
" " Ganjam Sal, at Berhampore	...	4	8 0
Metre gauge, Irul, delivered at Erode	...	3	4 0
Pyngadu from Burma at Negapatam	...	3	1 0
" " Jarrah from Australia at "	...	3	9 0

3. The Board of Revenue will be furnished with a copy of the Consulting Engineer's inspection report of the East Coast Railway for the half-year ending 30th June 1898, with special reference to paragraph 7 thereof.

4. The number of sleepers given above as likely to be required for annual renewals, added to those mentioned in G.O., No. 715 Ry., dated the 12th May 1898, may be taken as roughly equivalent to an annual supply of—

Standard gauge sleepers	...	1,00,000
Metre " "	...	50,000

involving an expenditure by the railways of perhaps 6 lakhs of rupees per annum.

5. But the immediately pressing question is the source of supply for the Calicut-Cannanore, Shoranur-Cochin, Madura-Pamban, Tinnevely-Quilon, and Mutupet-Avadyarkovil Railways, which may, perhaps, be roughly estimated at about 2,50,000 metre gauge sleepers annually for first construction only, during the next three or four years, in addition to those for annual renewals referred to in paragraph 4. The annual renewals of these last five lines will ultimately amount to, perhaps, 75,000 per annum.

6. The Board of Revenue will report as early as possible, for the information of Government, what steps it is proposed to take in the matter of the direct supply of sleepers to Railways in this Presidency.

(True Extract.)

FRANCIS J. E. SPRING,
Joint Secretary.

To the Agent and Manager, Madras Railway.
Agent, South Indian Railway.

" Consulting Engineer for Railways.
" Manager, East Coast Railway.
" Resident in Travancore and Cochin (through the Political Department).
" Board of Revenue (Land Revenue), with copy of the Inspection Report of the East Coast Railway for half-year ending 30th June 1898.

Exd. T. K. Narayana Aiyangar.