M.R.O. 1—77,006—8-6-37.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 2263-64 Press
341-343 Mis.

Dated 24- 9- 1842.

Not to be folded or roughly handled

No. 341. Read the following letter from the Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, dated Madras, 3rd September 1872, No. 466:—

With reference to the Proceedings of the Government of India, No. 284 A.R., dated 5th March 1872, and to subsequent orders,* I have the honour to submit a letter† from the Agent of the Madras Railway Company furnishing, for the approval of Government, proposals as to the percentages to be allowed to Revenue to represent the charge for supervision of any work on, or connected with, the open line which may be sanctioned as a charge against Capital.

G. O., No. 732, dated 14th March 1872.
* G. O., No. 260, M. S., of 26th April 1872.
" " 1,277, dated 14th May.
" " 1,589, dated 2nd July.
† No. 543, dated 1st August 1872.

2. The percentages named are—

Direction (including Home expenses) Audit and Accounts and Stores.	3½	On Indian cash outlay on Capital works.
Chief Engineer	1	
District Engineers...	6	On Indian cash outlay on Capital works on line maintained by Revenue.
Locomotive Department	25	Of the cost of the labour employed.

3. The reasons which cause the high percentage of superintendence in the Locomotive Department are thus explained in a letter from the Locomotive Superintendent.

"The high cost of superintendence is the result of the great disproportion that exists between the cost of imported skilled labour which is used and charged as superintendence, and the local labour which is made use of for the purpose of doing the work. For instance, European Foremen in charge of workshops are paid Rupees 350 per month, whilst the labour they supervise averages in the case of a native mechanic about 13 Rupees, and in that of the ordinary labour about 6 Rupees per month, or an average of, say 8½ Rupees per month, allowing one labourer for every mechanic. Thus the pay of one Foreman represents the sum earned by forty-one of his men, and therefore if he had charge of 164 men this one item of superintendence amounts to 25 per cent. on the labour of these men. It will therefore be readily understood that, with the addition of the proportion of office salaries and expenses, the amount chargeable to superintendence must form a very large item in the cost of all mechanical work."

4. It will be noticed from the accompanying letter* that the Examiner of Railway Accounts considers the percentages named to be suitable to the circumstances of the Madras Railway, and I have the honour to recommend them for approval.

* No. 413, dated 20th August 1872.

From the Examiner of Railway Accounts, to the Consulting Engineer for Railways, dated Madras, 20th August 1872, No. 413.

In reply to your memorandum No. 728 of the 16th instant, forwarding correspondence as per margin relative to percentages of superintendence to be charged to Capital by the Madras Railway (herewith returned), I have the honour to state that I consider the percentages named to be suitable to the circumstances of this Railway.

No. 2,336 of 1872, dated 10th August 1872, from Consulting Engineer, Bombay, with enclosures Nos. 543 of 1st August 1872 and 567 of 8th August 1872, with enclosure from Agent of the Madras Railway.

2. The percentage named by the Locomotive Superintendent is a high one, but it represents the proportion borne by his superintendence to labour. The amount chargeable to Capital establishment by the application of this percentage will be considerably under the amount formerly charged. The average amount charged to this head for the six months ending April 1872 was Rupees 2,928-5-2. If the 25 per cent. be applied to the average labour during the same six months the charge for establishment would be Rupees 1,872-9-10.

From the Agent and Manager of the Madras Railway Company, to the Consulting Engineer for Railways, dated Madras, 1st August 1872, No. 543.

With reference to paragraph 4 of your letter No. 433 of the 10th ultimo, I have the honour to submit, for the approval of the Government, the following percentages to be allowed to Revenue, to represent the charge for supervision of any work on, or connected with, the open line as may be sanctioned as a charge against Capital namely:—

	Percentage.	
Direction (including Home expenses) Audit, and Accounts and Stores	3½	On Indian cash outlay on Capital works.
Chief Engineer	1	
District Engineer	6	On Indian cash outlay on Capital works on line maintained by Revenue.
Locomotive Department	25	Of the cost of the labour employed.

No. 342. Order thereon, 24th September 1872, No. 2,263.

RAILWAY, No. 63.

Ordered that the proposals made in this letter be submitted for the sanction of the Government of India.

(Here enter No. 2,264, dated 24th September 1872.)

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

To the Consulting Engineer for Railways.
„ Examiner of Railway Accounts.

Exd. E. C. Shunker.

Public Works Department,
Ootacamund, *24th September* 1872.

No. 343.

No. 2,264.

To

The Secretary to the Government of India,
Public Works Department.

RAILWAY, No. 64.

From Government of India, No. 284 A. R., dated 5th March 1872.
To Government of India, No. 911 A. R., dated 5th April 1872.
To Government of India, No. 1,278 A. R., dated 14th May 1872.
From Government of India, No. 785 A. R., dated 13th June 1872.

Sir,—Adverting to the correspondence marginally noted, I am directed to forward the proposals made in the accompanying letter from the Consulting Engineer in regard to the percentages to be allowed to Revenue to represent the charge for supervision of works carried out from Capital on the open line of the Madras Railway.

2. The only rate apparently requiring particular notice is that set down for the Locomotive Department, which has been fixed with special reference to the circumstances of this Company, where the charges for supervision as compared with the labour actually employed are such as would seem to demand a high percentage. The Examiner of Railway Accounts considers the rate proposed to be equitable, and explains that it is considerably under that which has heretofore been charged. I am accordingly to submit these percentages for the favourable consideration of the Government of India.

I have the honour to be,
Sir,
Your most obedient servant,

Colonel, R.E.,
Secretary to Government.

Exd. E. C. Shunker.

Govt. of {1872} Madras.

PUBLIC WORKS.

To

THE SECRETARY TO THE GOVERNMENT

OF INDIA.

Dated September 24*th*.

Recd. *Encl.*

G. O., 24th September 1872, No. 2,264.

SEPTEMBER.

No. 343

SUBMITTING, for favourable consideration, proposals of the Consulting Engineer for Railways in regard to the percentages to be allowed to Revenue to represent the charge for supervision of work carried out from Capital on the open line of the Madras Railway.

P 1

3

RAILWAY DEPARTMENT. CONSULTING ENGINEER'S OFFICE.

No. 466.

From

Lieutt Colonel J. H. A. Laurie Stewart R.E.

Consulting Engineer for Railways,

To

Colonel G. W. Walker R.E.

Secretary to Government,
Public Works Department,
Fort Saint George.

SIR,

With reference to the Proceedings of the Government of India No 284 A.R. dated 5th March 1872 and to subsequent orders, I have the honour to submit a letter from the Agent of the Madras Railway Company furnishing for the approval of Government proposals as to the percentages to be allowed to Revenue to represent the charge for supervision of any work on, or

Govt 1272 dated 14th March 1872

Govt 260 M.L. 26th April 1872. 1277. 14th May 1589. 2nd July

No 543 dated 1st August 1872.

connected with the open line which may be sanctioned as a charge against Capital.

2. The percentages named are

Direction (including Home expenses) Audit and accounts and stores	3½	On Indian Cash outlay on capital works.
Chief Engineer	1	
Destreet Engineers	6	On Indian cash outlay on capital works & Revenue maintained by Revenue.
Locomotive Department	25	of the cost of the labour employed.

3. The reasons which cause the high percentage of superintendence in the Locomotive department are thus explained in a letter from the Locomotive Superintendent.

"The high cost of superintendence is the result of the great disproportion that

"that exists between the cost of
"imported skilled labour which is used
"and charged as superintendence
"and the local labour which is made
"use of for the purpose of doing the
"work. For instance European
"Foremen in charge of workshops
"are paid Rupees 350 per month,
"whilst the labour they supervise
"averages in the case of a native
"mechanic about 13 Rupees and in
"that of the ordinary labour about 6 Rs
"per month, or an average of, say,
"8½ Rupees per month allowing one
"labourer for every mechanic. Thus
"the pay of one Foreman represents
"the sum earned by 41 of his men and
"therefore if the last charge of 16%
"were this one item of superintendence

"amounts to 25 percent on the labour of
"these men. It will therefore be readily
"understood that with the addition of
"the proportion of office salaries and
"expenses the amount chargeable to Superin-
"tendence must form a very large
"item in the cost of all mechanical
"work."

It will be noticed from the accompanying letter that the Examiner of Railway Accounts considers the percentage named to be suitable to the circumstances of the Madras Railway; and I have the honour to recommend them for approval.

I have the honour to be
Sir
Your most obedient Servant
Lieut Colonel
Chief Engineer
for Railways

Madras
3 Sept 1872.

From
The Consulting Engineer
for Railways,
To
The Secretary to Government,
P. W. Department,
Fort Saint George.

Dated 3 Sept 1872.
Rec'd. 5

No. 4188
Railway Department.
1872.

Rec'd 5 Sept 1872
Dy. No. 4188
Dy. No. 4188 dated 20 Aug 1872 from Exr. Railway Accts.

No. 543.

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE

Madras, 1st August 1872

From

Robert B. Elwin Esqre

Agent and Manager. of the M. R. C.

To

Lt Col J. Hyde Graham Stewart, R.E.

Consulting Engineer for Railways.

SIR,

With reference to the paragraph (b) of your letter No. 483 of the 10th ultimo, I have the honor to submit for the approval of the Government the following per centages to be allowed to Revenue, to represent the charges for supervision of any work on, or connected with, the open lines as may be sanctioned as a charge against Capital, viz:

Per Centage.

Direction (including Home expenses) Audit and Accounts and Stores	3½	On Indian Cash outlay on Capital works.
Chief Engineer	1	
District Engineers	6	On Indian Cash outlay on Capital works on lines maintained by Revenue.
Locomotive Department	25	of the cost of the labour employed.

I have the honour to be,
Sir,
Your most obedient Servant,

R. B. Elwin
Agent & Manager.

To The Consulting Engr
for Railways.

No. 416.

Dated 20th August 1872

Rec'd 21st " "

Regarding the Percentages of Revenue to be charged to Capital for Superintendence

Rec'd 24/8/72

Ans. by letter 24/8/72

No. 22639.

Madras Railway.

From

The Agent and Manager

To

The Consulting Engineer

for Railways

P. W. 4333/92.

Dated 1st August 1892

Recd. 2.

No. 5243

Submitting for approval certain percentages to be allowed to Revenue to represent the charge for supervision of any Works on or connected with the Railway as may be sanctioned as a charge against Capital.

Correspondence marginally noted I am directed to forward the proposals made in the accompanying letter from the Consulting Engineer in regard to the per centages to be allowed to Revenue to represent the charge for supervision of works carried out from Capital on the open line of the Madras Railway.

From Govt of Judicial No 284 A.R. 75 5th March 75.
To — " — No 911 A.R. 75 24th "
" — " — 1378 " 3/4 May 75
From — " — 785 A.R. " 13th " 1872.

The only rate apparently requiring particular notice is — that set down for the Locomotive Department, which has been fixed with

with special reference to the circumstances of the Company, when the charges for supervision are compared with the labor actually employed are such as would seem to demand a high percentage. The Examiner of Railway Accounts considers the rate proposed to be equitable and explains that it is considerably under that which has heretofore been charged. I am accordingly to submit these percentages for

for the favorable consideration of the Government of India.

I have &c.

(Signed) W. J.

Despatch No 30 of 1872 with Telegram of 22nd of 1872.

Received 16th October 1872 Ans 11-5

Cw 4333.

Govt. of {1872} Madras.

PUBLIC WORKS.

To

The Consulting Engineer
for Railways
&
To the Secretary to the Govt.
of India

Dated

Recd. Encl. 2

G. O. 24th Sept. 2263-2264.

Nos. 311-312-313.

Percentages passing over
on letter from the C. Engr for Rys
submitting proposals in regard
to the per centages to be allowed to
Revenue to represent the charge
for supervision of work carried
out from Capital on the open
line of the Madras Rys.

Submitting for favorable
consideration proposals of the
C. Engr for Rys in regard to the per
centages to be allowed to Revenue
to represent the charge for supervision
of work carried out from Capital on the
open line of the Madras Rys.

Cw 11-5