

Public Works (1896) Department.

RAILWAY BRANCH.

G.O., No. 57 R

DATED 22nd January

[Despatch Abstract.]

Girders - Estimate of Rs 15,177 for strengthening the — of bridge at ¹⁰⁻¹¹ 107 miles, North West line, Madras Railway, Benettonal

G.O.	No.	Department.	Dy'o.	G.O.	No.	Department.	Date.

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

Exd. T. K. Narayana Aiyangar.
Spare Copies

RAILWAY.

Govt. of {1896} Madras.
PUBLIC WORKS.

Dated January, 22nd.

Recd.

Encl.

G.O. No. 57 R., 22nd Jan. 1896.

JANUARY.

Girders

Estimate of Rs. 15,177 for strengthening
the — of bridge at $\frac{107}{10-11}$ miles, North-West
line, Madras Railway, sanctioned.

5000-16-3-88.

(No. 1)

No. 7759

953

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

MADRAS, 23rd October 1895

From

The Agent and Manager,

Madras Railway Company,

To

The Consulting Engineer for Railways,

SIR,

Madras.

The Company's Officiating
Chief Engineer writes:—

"An estimate is under pre-
paration for strengthening the
girders of the bridge at $\frac{107}{10-11}$ miles
N. W. Line which involves the
slewing of the girders on to the
double line portion of the bridge
and the laying down of a diversion.
The latter will cost approximately
Rs. 2,108 and as it is desirable
that it should be proceeded with
at once so that the banks may
thoroughly consolidate.

I have, therefore, the
honor

9277
—
874

॥ श्रीगणेशाय नमः ॥

١٠٠٠

[illegible]

بسم الله الرحمن الرحيم

1. The first part of the document is a letter from the
 author to the reader, in which he explains the purpose of the
 work and the reasons for its publication. He states that the
 work is intended to be a practical guide for the student, and
 that it is written in a simple and plain style, so that it may
 be easily understood by all. He also mentions that the work
 is written in a language which is not only simple and plain, but
 also is in accordance with the principles of grammar and
 logic.

honor to request that you will be
so good as to communicate to me the
sanction of Government for the above
work being put in hand in antici-
pation of formal sanction.

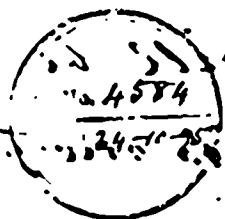
I have the honor, to be,
Sir,
Your most Obedt. Servant.

Ami SMV

Agent & Manufacturer.

for 24
7344 $\frac{24}{10}$

style



... ..

... ..

... ..

... ..

... ..

From
 MADRAS RAILWAY.
 The Agent and Manager,
 M. R. Co.,
 To
 The Consulting Engineer
 for Railways.

Received in No. 3394
 25/10/95

Form No. 10.

Railway Department.

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, 25 October 1895.

To

A. M.

No. 3394 Reply No. , dated

Sir,

With reference
 to your letter No. 1759
 of 23rd Oct: 1895, I have
 the honor to sanction
 the work referred to
 being put in hand
 in anticipation of
 formal sanction.

Reminders.

No 3395
 25.10.95

Copy to CR
 24/10

(No. 11.)

No. 7759
482

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

MADRAS, 1st November 1895.

From

The Agent and Manager,
C. R. L. G.

To

The Consulting Engineer for Railways,
Madras.

SIR,

In continuation of my letter N: 953 dated the 23rd ultimo, I have the honour to forward herewith an estimate for strengthening the girders of Bridge at 107th miles North West Line and to request that the sanction of Government may be conveyed to me for the required outlay, Rs. 15,177/-, chargeable in the proportion of Rs. 5,176/- to Capital and Rs. 9,701/- to Revenue.

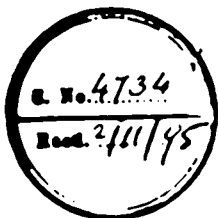
This estimate is submitted under the general scheme for strengthening the weak girders of bridges on this line.

Information as to provision in the budget and date on which sanction will lapse is given on the estimate.

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

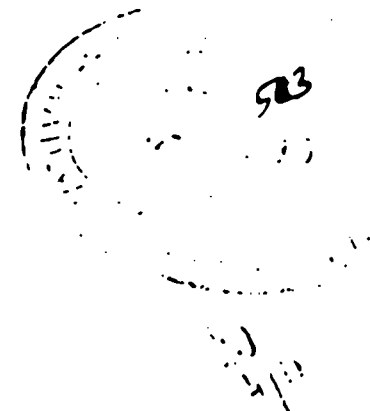
(Encl: 1)

C. R. L. G.
Agent & Manager



From
The Agent and Manager,
MADRAS RAILWAY.
To
The Consulting Engineer
for Railways.
Dated
188
Recd.

Form No. 11.
503-4-5-55.



OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,
Madras, 2nd November 1895.

No. 3497

OFFICE NOTE.

Letter from the Agent, + Manager, Madras Railway, No. 7759
dated 1st November 1895, forwarded to the Examiner of Railway
Accounts, for favour of check as to allocation and
budget provision.

E. R.

for E. R.

EXAMINER'S REPLY.

2
11

- 1 The cost of the temporary diversion should be apportioned between capital and revenue in the proportion of 5476 to 7593 under India's ruling contained in their N^o. 535 R.C. dated 8th May 1895. Madras G.O. N^o. 353 R dated 15th May 1895. vide para 3, (K)(ii) chapter I B of Special orders Manual. (page 7 Standing order N^o 106 of 95).
- 2 One half the full original cost seems to be an excessive credit to allow for the value of the old girders especially as they are being removed because they are too weak and they have probably already been in use for a considerable period. It does not seem likely that they could again be utilized or disposed of at this value.

3. The estimate requires the sanction of the Local Government which may be accorded subject to the work being treated "Special".
4. Funds are available from the grant for unsanctioned works Schedule B of Budget 1895-96.

6.11.95

William

CR

Free ER
 Copy of papers 102 to AM.
 I cannot understand what the Company intend to do out of the 5 spars they allow to remain 2 1/2 & strengthen 2 1/2.
 The new spars should I think be up to Type Engee standard the heavy timber spars to match the Engee standard
 J. M. M. 7/11/95

Both should be up to standard of their own spars - instead of Type - by joint rules & wind pressure
 J. M. M. 7/11/95

Form No 4

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,
 Madras, 8 November 1895.

To

AGENT AND MANAGER, M. R.

No. 3563 . Reply No. 1050 , dated 21-11-95

SIR,

In reply to your letter No 1259 of 23/10/95 I have the honor to invite your attention to a note by CR (copy attached).

Reminders.

Enclose

It is presumed that the spars will be strengthened up to "the heaviest engine in use on your line plus "Wind pressure" standard as assumed at the Port of India rules

J. M. M. 7/11/95

Subject.

(No. 1.)

No. 7759
1050

MADRAS RAILWAY.

AGENT AND MANAGERS' OFFICE,

Madras, 26th November 1895

From

9. 11. 1895

The Agent and Manager,
Madras Railway

To

The Consulting Engineer for Railways,

SIR,

Madras.

1000 27
20

With reference to your letter No. 5563 of the 8th inst. I have the honor to state the Chief Engineer informs me that the Girders will be strengthened up to the Government of India standard having the type Engine and would please be taken into consideration in accordance with your telegram of 2nd June 1894. With regard to the 2nd frame of the Government Engine note forwarded with your letter above quoted the Chief Engineer writes:-

The Government Engineer is under a misapprehension in supposing that the girders which are to be replaced and for which credit to the extent of half their original cost has been taken

in

2.
in the estimate are unserviceable and
unlikely to be utilized again, whereas
the intention is to either strengthen
them up to Government of India
standards for use elsewhere on the line,
or utilize them as they stand for
duplicating. In the circumstances
credit to the extent of half their
original value is in the opinion of
this office reasonable.

Will you kindly favor me
with a copy of G. O. N^o 353 R dated
15th May 1896 referred to in para 2 of
the Examiner's note. The allocation is
suggested by him appears to be correct.

I have the honor to be, Sir,

Sir,

Yours most obedient servant,

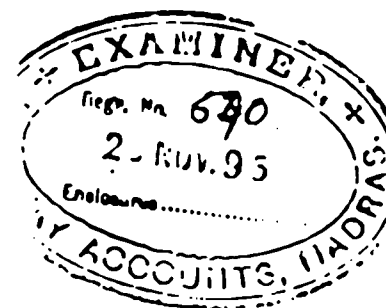
Wm S M W

Agent & Manager

Encl.

6026
27/11/95

Form No. 11.
200-4-5-30.



OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, 27th November 1895.
28th

No. 3819

OFFICE NOTE.

Letter from the Agent, *Manager Madras Railway*, No. 7759
dated 26th November 1895, forwarded to the Examiner of Railway
Accounts, *for perusal of remarks.*

[Signature]

for E. R.

[Signature]
25/11

EXAMINER'S REPLY.

2/12

Yes If E.R. is satisfied, under the explanation now afforded, that the credit to the estimate of half the original cost of the girders to be removed is not too high, the allocation will be passed by this office on the cost of the diversion being divided proportionately between capital and Revenue.

[Signature]

29. 11. 95.

- 62

I agree to this allocation
From 2/12

MADRAS RAILWAY.

From

The Agent and Manager.

To

The Consulting Engineer

for Railways.

Dated

1898

Recd.

No.

Letter to Am in No 3819
3/12/95

Form No 4

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,
Madras, 30 December 1895.

To

AGENT AND MANAGER, M. R.

No. 3861 Reply No. 1111, dated 12/15

SIR,

With reference to
your letter No. 7759 dated
1050
26th June 1895, I have the
honour to state that the
allocation will be made
on the cost of the diversion
being divided proportion-
ately between Capital and
Revenue.

2. The estimate is here-
with returned for revision.

3. Copy of G. O. No. 3531
dated 15th Aug 1895 asked for
is forwarded.

Reminders.

Encs two

Subject.

YK/ 2/12

(No. II.)

No. ~~1159~~
1134

MADRAS RAILWAY.

AGENT AND MANAGERS OFFICE,

Madras, 23^d December 1895

From

The Agent and Manager,
Madras Railway

To

The Consulting Engineer for Railways,
Madras.

SIR,

I have the honor to retransmit
for sanction the Estimate for strengthening
the girders of Bridge at $\frac{107}{10-11}$ mile North
West Line returned with your letter
No 3861 of the 3^d inst. The cost of
the diversion has been divided proportionally
between Capital and Revenue in the
estimate as now submitted.

I have the honor to be,

Sir,

Your most obedient servant

Edmund

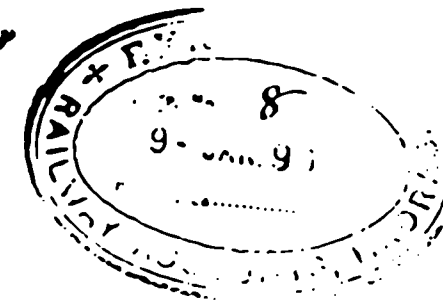
The Agent & Manager

24th Dec 1895



From
MADRAS RAILWAY.
To
The Agent and Manager.
The Consulting Engineer
for Railways.
Dated
188
Recd.
No.

Form No. 31.
100-3-10.



OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, 7th January 1896.

No. 45

OFFICE NOTE.

Letter from the Agent, & Manager Madras Railway, No. 7757/1134 dated 23rd December 1895, forwarded to the Examiner of Railway Accounts for perusal of remarks.

[Signature]

for E. R.

11/1

EXAMINER'S REPLY.

The estimate is correct as to allocation and requires the sanction of the Local Government which may be accorded if the work is considered as "special" funds are available from the grant for unscheduled works Schedule B of Budget for 1895-96.

10.1.96.

Enallid

[Signature]

[Signature]
Sanction and special
1895. 1896.

Approved
18 Jan

Issue 24th 20/1

Estimate of 15,177/- for strengthening bridge @ mile 107 N.W. line in proportion of estimate 6342/- & Reserve 8430/- sanctioned & this Enclosing the perusal for approval 24th 15/96

Estimate amounting to Rs 15,177 :-
for strengthening girder bridge on
the North West Line, Madras
Railway

57 R

HE 14/1/95
2201

(R.) Form No. 2.

M-

No 57. R dated 22.1.96

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Letter from the Agent } H.E. No. $\frac{7759}{902}$ of 1st Nov 95
& Manager Madras Ry }
Letter from do do do - $\frac{7759}{1134}$ of 23 Dec 95

The estimate amounting
to Rs 15,177 chargeable in
the proportion of Rs 6,342
to Capital and Rs 8,835 to
Revenue for strengthening
the girders of bridge at $\frac{107}{10-11}$
miles, North West Line
Madras Railway is sane.
Approved :-

Prin!

2. This sanction has
been registered as No 35. R
of 1895-96.

To
The Agent Madras: Madras Ry, Dated 22/1/95
- E. G. R. S. S. S.

File R

8
4
1
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Af-
No. 57. R. dated 22.1.96