

M.R.O. 1-77,006-8-B-51.

(1) Number of pages 1

(2) Date of repair _____

3. Initials of the Referee _____

MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT.

C.O. No. _____ Press
_____ M^{rs}.

Dated _____ 18__

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
8th May 1872.*

No. 161. Read the following letter from the Consulting Engineer for Railways, to the Officiating Secretary to Government, Public Works Department, dated Madras, 26th April 1872, No. 203 :—

With reference to G. O., No. 243, dated 25th January 1872, I have the honour to submit letters from the Agents of the Madras, the Great Southern of India, and the Carnatic Railways, showing the capital expenditure from the commence-

ment on the telegraph system, exclusive of the cost of instruments.

2. On the Madras Railway the total cost of construction amounts to Rupees 9,74,392, and the annual cost of maintenance, distinct from charges for repairing instruments, etc., (taken for the last three years) comes to Rupees 9,996.

3. The Agent of the Great Southern of India Railway finds it difficult to give the information as required, the expenditure not being properly recorded in the Company's books.

The construction of the telegraph has been undertaken in four divisions, namely—

I.—From Negapatam to Trichinopoly,

II.—Second wire from do. to do.,

III.—From Trichinopoly to Erode,

IV.—Second wire from do. to do., and the total expenditure, exclusive of general superintendence, etc., amounts to Rupees 1,16,578.

There is no distinct staff kept for the maintenance of the line; the maintenance staff of the permanent-way attend to the repairs as occasion requires.

Exclusive of charges for repairs to instruments, etc., the repairs of the line for the year ended 31st December last amounted to Rupees 109.

4. The telegraph line of the Carnatic Railway was estimated at Rupees 6,000 when the line was made over by the Indian Tramway Company, and its maintenance amounted to Rupees 43 during each of the last two years, exclusive of charges of station work, repairs to instruments, etc.

From the Agent and Manager of the Madras Railway Company, to the Consulting Engineer for Railways, dated Madras, 26th April 1872, No. 255.

In accordance with the request contained in your office letter No. 60 of the 26th of January last, I have the honour to enclose a statement showing the capital expenditure up to the 31st of December last on the telegraph system of the Madras Railway, exclusive of the cost of instruments.

2. The statement also shows the cost of maintenance distinct from the charges for office arrangements and repairs to instruments.

MADRAS RAILWAY.

TELEGRAPH DEPARTMENT.

	RS.	A.	P.
Total expenditure up to 31st December 1871	8,82,068	13	4
Deduct cost of instruments, batteries, and office arrangements	47,006	0	0
	8,35,062	13	4

*Proceedings of the Madras Government, Public Works Department,
8th May 1872.*

Proportion of general management, salaries, and contingencies applicable hereto	RS.	A.	P.
Do. general superintendence, salaries, and contingencies applicable hereto	18,011	15	2
Value of telegraph materials uncharged at 31st Dec. 1871 ...	18,531	13	6
Total cost ...	1,02,785	3	3
	9,74,391	13	3

Cost of Maintenance.

Annual charge for maintenance.—Mean of the last three years,	32,516	6	7
Deduct do. for repairing and maintaining instruments, batteries, and office arrangements, do. do.	22,520	0	0
Mean annual cost..	9,996	6	7

MADRAS,
25th April 1872.

(Signed) J. CRAMP,
Chief Accountant.

(Signed) R. B. ELWIN,
Agent and Manager.

From the Agent of the Great Southern of India Railway, to the Acting Consulting Engineer for Railways, dated Negapatam, 1st March 1872, No. 4,405.

Your letter No. 32 of the 26th January last, having been referred to the Chief Auditor, that officer has reported to me as follows :—

" I find it is impossible to give the information complete in the manner required, the expenditure not being recorded in our books in such a way as to enable me to entirely divide the cost of constructing the line from that of instruments and station equipment.

" The construction of the telegraph system of this Railway has been undertaken in four divisions, namely :—

- I.—From Negapatam to Trichinopoly,
- II.—Second wire from do. to do.,
- III.—From Trichinopoly to Erode,
- IV.—Second wire from do. to do.,

and it is to the first division I refer in the statement that the information cannot be given in the shape required. From an examination of the detailed vouchers for the expenditure on account of Nos. II. and VI., and from data supplied me by the Engineering department, when the accounts of the Erode extension were closed with reference to No. III., I have been enabled to separate the expenditure on construction of the line from the cost of station equipment on these divisions.

" The expenditure is as follows :—

	RS.	A.	P.
I.—Total cost as recorded in books	56,571	12	9
II.—Exclusive of cost of instrument, etc.	11,879	5	11
III.— Do. do.	37,917	11	5
VI.— Do. do.	10,208	15	1

These figures are exclusive of general superintendence, etc., which in the estimates has been calculated at 10 per cent. on the cost.

" As regards the maintenance of the telegraph, you are aware that no distinct staff for this work exists on this railway, repairs being executed to the line and charged as occasion requires, the ordinary supervision and attention being given to it by the maintenance staff. During the year ended 31st of December last, the amount expended for keeping up and repairing the line, exclusive of charges for repairs to instruments, etc., was Rupees 109-6-6."

From the Agent and Manager of the Carnatic Railway Company, to the Acting Consulting Engineer for Railways, dated Madras, 3rd February 1872, No. 330.

In reply to your communication No. 21, of the 26th ultimo, I have the honour to state that the original cost of the telegraph upon our open line was Rupees 6,578-7-3, of which

*Proceedings of the Madras Government, Public Works Department,
8th May 1872.*

Rupees 6,065-13-11 was the value of the stores used, and the balance, Rupees 512-9-4, was for labour ; but there appears to be no record showing what was the cost of instruments and what the cost of the wire and posts.

2. I have the honour to state further that on the transfer of the Indian Tramway to this Company the line as it stands was valued at Rupees 6,000, and its maintenance since, exclusive of charges for station work, has averaged Rupees 43-3-8 per annum ; during these two years there have, I believe, been no repairs to the instruments.

3. I have the honour to state further that there is a stock of telegraph stores and instruments on hand to the value of about Rupees 3,000, and I estimate that the value of the three instruments in use upon the open line is about Rupees 150.

No. 162.

ORDER THEREON, 8th May 1872, No. 1,184.

RAILWAY, No. 20.

ORDERED that these papers be forwarded to the Government of India, with reference to their letter dated 13th January 1872, No. 9-T.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,

Officiating Secretary to Government.

No. 163.

(DOCKET No. 1,185, dated 8th May 1872.)

COPY of the above forwarded to the Government of India.

(True Extract.)

Colonel, R.E.,

Officiating Secretary to Government.

Rd. S. T. Augustin.

Railway Department

Cous: Engrs Office

No 203.

From

Genl Coll J. H. M. Shaw Stewart & Co.

Cous: Engineer for Railways

To

Colonel G. W. Walker R.E.

Secy to Government

Public Works Dept

Fort Saint George

Ref,

With reference to G.O.

No 243, dated 25th January 1872,

No 2557
26 April 72

No 44057806
March 72

No 320729
Feb 72

I have the honour to submit letters from the Agents of the Madras the Great Southern of India and the Carnatic Railways, showing the Capital expenditure from the commencement on the Telegraph system, exclusive of the cost of instruments.

2.

On the Madras Railway

the total cost of construction amounts to Rupees 9,74,392; and the annual cost of maintenance, distinct from charges for repairing instruments, Rs. 9,996, (taken for the last 3 years) comes to Rupees 9,996.

3. The Agent of the Great Southern of India Railway finds it difficult to give the information as required, the expenditure not being properly recorded in the Company's books.

The construction of the Telegraph has been undertaken in four divisions, viz:

- I From Negapatam to Trichinopoly
- II 2nd wire from Do to Do
- III From Trichinopoly to Erode

IV 2^d wire from Do to Do and the total expenditure, exclusive of general superintendence, Rs. 11,6578.

There is no distinct staff kept for the maintenance of the line, - the maintenance staff of the permanent way attend to the repairs as occasion requires.

Exclusive of charges for repairs to instruments, Rs. 109, the repairs of the line for the year ended 31st December last amounted to Rupees 109.

4. The Telegraph line of the Carnatic Railway was

Q.P.

No 250

MADRAS RAILWAY.

AGENT AND MANAGERS OFFICE.

Madras, 26th April 1872

From

A. D. Elumigal Esq.
Agent and Manager of the M. R. Co.

To

Rev. J. H. Shaw Stewart, Esq.
Consulting Engineer for Railways.

Sir,

In accordance with the request contained in your Office letter of the 26th of January last, I have the honour to enclose a statement showing the Capital Expenditure up to the 31st of December last on the Telegraph system of the Madras Railway, exclusive of the cost of Instruments. The statement also shows the cost of maintenance distinct from the charges for Office arrangements and repairs to Instruments.

I have the honour to be Sir

Your most Obedient Servant

A. D. Elumigal
Agent & Manager.

estimated at Rupees 6,000 when the line was made over by the Indian Tramway Company, and its maintenance amounted to Rupees 43 during each of the last two years, exclusive of charges of station work, repairs to instruments, &c.

26/4/72

I have the honour to be Sir,

Madras 26th April 1872
Your most Obedient Servant

Mr. J. H. Shaw Stewart

Care of Esq. & Co.

26/4/72

from the same amount on the 26th April 1872

to the Esq. & Co. 26th April 1872

to the Esq. & Co. 26th April 1872

to the Esq. & Co. 26th April 1872

Madras Railway Telegraph Department

Cost of Construction.

Total Expenditure up to 31st December 1871 Rs. 8,82,068 13 4
Deduct cost of Instruments, batteries and Office
arrangements 47,000 . . .

Proportion of General Management Salaries and
Contingencies applicable hereto 83,506 2 13 4
Rs. General Superintendence Salaries & Contingencies
applicable hereto 18,011 5 2

Value of Telegraph materials uncharged at
31st December 1871 18,531 13 6
102,785 3 3

Total Cost Rs. 9,74,391 13 3

Cost of Maintenance.

Annual Charge for Maintenance—Mean of the
last 3 years 32,516 6 7

Deduct do for repairing & maintaining Instruments,
batteries & Office arrangements do do 22,520 . . .

Mean Annual Cost Rs. 9,996 6 7

Madras—
25th April 1872

Compared by
Addn: Chy. D. S.

[Signature]
Agent & Manager

[Signature]
Chief Accountant.

From
MADRAS RAILWAY.

To
The Agent and Manager.

The Consulting Engineer

for Railways.

Dated
26th April 1872.

No. 255

Enclosed a statement
showing the progress of
the work done up to the 31st
December last on the
Telegraph system of the
Madras Railway system
and of the cost of construction
of the same.

P. M. 2125/72.
For. & M. 1150/72.

No. 4405 GREAT SOUTHERN OF INDIA RAILWAY.

AGENT'S OFFICE,
NEGAPATAM, *March 1st* 18*72*

From

THE AGENT,

Great Southern of India Railway,

To

*The Acting Consulting Engineer
for Railways
Madras*

SIR,

Your letter No. 32 of the 26th January last having been referred to the Chief Auditor, that officer has reported to me as follows:—

"I find it is impossible
"to give the information complete
"in the manner required, the
"expenditure not being recorded in
"our books in such a way as to
"enable me to entirely decide the
"cost of constructing the line from
"that of instruments and station
"equipment

"The construction of the
"telegraph system of this Railway
"has been undertaken in four
"divisions

Divisions viz:-

" I From Nagapattinam to Trichinopoly

" II 2nd Mile from do to do

" III From Trichinopoly to Erode

" IV 2nd Mile from do to do

" And it is to the first division I
" refer in the statement that the
" information cannot be given in
" the shape required. From an
" examination of the detailed vouchers
" for the Expenditure on account of Nos
" II and III, and from data supplied
" me by the Engineering Department
" where the accounts of the Erode Ex-
" tension were closed with reference
" to No III I have been enabled to
" separate the Expenditure on construction
" of the line from the cost of station
" equipment on these divisions.

" The Expenditure is as follows.

" No. I (Total cost as recorded in books)	Rs 56,571.12.9.
" " II (Exclusive of cost of Instrument &c.)	" 11,879.5.11
" " III (ditto ditto)	" 3,791.11.5
" " IV (ditto ditto)	" 10,208.15.1

" These figures are exclusive of General
" superintendence &c which in the
" Estimate

Estimates has been calculated at
10% on the cost.

As regards the maintenance
of the Silligraph you are aware
that no distinct staff for this
work exists on this railway, repairs
being executed to the line and
charged as occasion requires, the
ordinary supervision and attention
being given to it by the maintenance
staff. During the year ended
31st December last, the amount ex-
pended for keeping up and re-
-pairing the line exclusive of
charges for repairs to instruments
was Rs 109. 6. 6.

I have the honor to be

Sir

Your most obedient servant

William Scott

Agent

CARNATIC RAILWAY CO., LIMITED
 AGENT AND MANAGER'S OFFICE,
 MADRAS, 3rd February 1872.

No. 330

FROM

J. J. Fisher Esq.

AGENT AND MANAGER, CARNATIC RAILWAY CO.,
 Madras.

TO

Major H. L. Oudergast R.E.

Ag. CONSULTING ENGINEER FOR RAILWAYS,
 Madras.

SIR,

In reply to your Communication No. 21 of the 26th ultimo, I have the honor to state that the original cost of the Telegraph upon our new line was Rs. 6578.7.3 of which Rs. 6065.13.11 was the value of the stores used and the balance Rs. 512.9.4 was for labor, but there appears to be no record showing what was the cost of instruments and what the cost of ^{the} wire and posts.

2 I have the honor to state further, that on the transfer of the Indian Railway to the Co. the line as it stands was valued at Rs. 6000 and its maintenance since exclusive of charges for station work has averaged Rs. 42.3.8 per annum, during these two years, there have, I believe, been no repairs to the instruments.

3 I have the honor to state further that there is a stock of Telegraph stores and instruments

From the Agent
 J. J. Fisher Esq.
 10th Feb. 1872
 Major H. L. Oudergast Esq.
 Ag. Consulting Engineer
 for Railways
 Madras
 4th Feb. 1872
 Regarding the
 value of the Telegraph
 stores and the cost
 of the wire and posts.

P. N. 2125/72
 J. J. Fisher Esq.

instruments on hand to the value of about
Rs. 3000 and I estimate that the value of
the three instruments in use upon the open
line is about Rs. 150.-

I have the honor to be
Sir

Your most obedient servant
J. T. Fisher
Agent and Manager

Public Works Department
K. 1184.
Proceedings of the Madras Government
Read the following

From The Consulting Engineer J. T. Fisher
for Railways. No. 200 of 21st April 1872

Ordered that these papers
be forwarded to the Govt of
India with reference to
his letter dated 12 January
1872 No. 93.

To the Engineer for Rys
20

Recd. 10-5-72

(Docket No. 1185 of)

Copy of the above
forwarded to the Govt of India

Done

Recd. 10-5-72

The Agent and Manager,
CARNATIC RAILWAY COMPANY,
(LIMITED),
MADRAS.
The Consulting Engineer
for Railways.
Dated 3rd July 1872
No. 330
P. W. 2125/72.
L. W. 2125/72.
L. W. 2125/72.
L. W. 2125/72.

C/2125

GOVT. OF INDIA
PUBLIC WORKS.

The Consulting Eng^r
for Railways
and

To the Secretary to the
Govt of India

Date

Recd.

47

8th May 1884 & 1885

No. 161-162 & 163

Receiving orders in
letter from the Eng^r. in Charge Railways
submitting information relative
to the capital expenditure on
the Telegraph system of the
Madras Railways.

Forward of correspondence
containing information relative
to the capital expenditure on the
Telegraph system of the Madras
Railways.