

Public Works (190) Department.
1896

RAILWAY BRANCH.

G.O., No. 13 / R

DATED 15th Feb^y 1896

[Despatch Abstract.]

Madras Electric Tramway Company (Ld)

Directing the — to carry out certain alterations in their appliances and apparatus and to prevent the telephone and telegraph lines of this Company being injuriously affected by their appliances and apparatus.

BACK PAPERS.

[illegible]

FURTHER PAPERS.

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

His Excellency the Governor
Hon W. Bliss
Hon W. Foster

This very difficult to
judge for all the papers
are not put up
877
14/2/96

I have typed it.
It seems now
all right.
to
the Fed

With reference to his
Excellent note of 5/11/86
my reason for consulting
the foot. ^{note on} advocate was to
know how far I should
be justified in interfering
with the Electric Traction
Co.

2. As regards the Telephone Company - the order is -
sent to 802 R on 26 Nov.
95 was explicit in calling
on the Electric Power
Co to make certain al-
terations and they have
since done this -

3. As regards the Cable Co I have, in conjunction with the Fort. Telegraph Supt. in the order just ult, - stated exactly what is a reasonable demand, and having served this on the Electric Telegraph Co. the Fort. is not liable to enforce the demands which are now made -

7 Jul $\frac{14}{2}$ 96

PROCEEDINGS OF THE MADRAS GOVERNMENT.

again
READ the following

Proceedings of the Madras Government, Public Works-
Department, No. 802 P. dated 26th November 1895.

Electricity Act 1887 and Rules made by the Governor
General in Council thereunder.

Read also,

Letter from the Superintendent, Government Telegraph
Department, Madras Division, No. 7980 dated 11th February 1896.

With reference to your letter No. 415 dated the 7th
instant, I have the honor to reply as follows:-

2. In his letter No. 1068 dated yesterday, the Agent --
Oriental Telephone and Electric Company Limited, writes to me
" I find that I have omitted to inform you officially of the
fact that Messrs: Arbuthnot and Company as Attorneys to the --
Trustees for the Debenture Holders Madras Electric Tramway Com-
pany have accepted the Government Order that all our affected
lines on Sections I, II, and III must be diverted at their ex-
pense at a cost not exceeding Rs. 12,500 and that they have --
paid over Rs. 8,000, on account".

3. The statement made in para 3 (II) of my letter No.
7829 dated 5th instant, therefore requires modification, since
the demands of the Telephone Company have only been settled -
in full as regards the 3 sections of Tramway now open.

4. I am obliged for the delay you agreed to in response
to the request contained in the 7th para of my letter quoted
above, as it has enabled me to place the matter before the --

Director

Special

Madras Electric
Tramway Co.

3

Bf-
No. 131.R. dated 15.2.06

Director General of Telegraphs and to obtain his views, which I am glad to say correspond with those already expressed by me as you will see from the accompanying extract of a letter received yesterday.

5. You will notice that in the last sentence of para 1 the Director General considers the Eastern Extension Australasia and China Telegraph Company Limited are entitled to "an underground connection" as the safest arrangement. This term might apply equally to an underground armoured cable of any pattern or to the form of pipe line now employed by the Telegraph Company but I have already told you in former correspondence that this Company abandoned the use of ordinary armoured cables as unsafe and unreliable so long ago as 1875 and I may now add that they have more recently tried and abandoned for the same reasons -- special cables of the Fowler Waring type. The final result is that throughout the Company's cable systems in the East -- wherever there is any distance between their office and the point where their deep sea cables are landed, the plan of using under-ground connections which consist of unarmoured cable cores enclosed in a pipe through which water constantly flows, is universally employed as being the safest and best arrangement.

6. I have therefore no hesitation in saying, in my capacity as Telegraph authority that I consider the claim of the Eastern Extension Australasia and China Telegraph Company for the cost of the laying a new pipe line enclosing two unarmoured cables to be a reasonable requirement within the meaning of the Electricity Act.

7. With this expression of my opinion before you I trust you will see your way to order the Tramway Company to accept the Telegraph Company's claim. The case has been delayed for about a year now and apart from this fact the necessity for a very early settlement is strengthened by the continued fall in insulation of the Telegraph Company's cables, three of which may

in my opinion fail at any moment now. In the event of ~~this~~ this occurring before the Telegraph Company's claim is settled, the action referred to in the Director General's letter para 3 would have to be followed by me and in view of the present very serious condition of three out of 4 existing nine line cables I beg to invite your special attention to the urgent desirability of issuing an immediate warning to the Tramway Company on this point.

Enclosure.

Letter from the Director General of Telegraphs, to the Superintendent of Telegraphs Madras Division, No. 0004 dated 5th February 1896.

With reference to your letter No. 7528 dated the 24th of January 1896, I have the honor to say that you should advise the Consulting Engineer to the following effect:-

Experiments made with "earth" at different places having shown that the only way to prevent disturbance on the cables from the Tramway Company's currents is to use for "earth" the guards of the cables themselves it is necessary to join the Telegraph office with the cable house by well insulated connections for this purpose.

Such connection may be either overhead or underground. The former would be cheaper but would be liable to interruption by cyclones or severe storms or disturbance by lightning and possibly by inductive disturbance. An underground connection would be distinctly safer and as such the cable Company are entitled to have it.

2. The question is one of cost. The Company cannot be expected to use their own spare cables -- which

which they keep for an emergency and for testing purposes.

It remains for the two Companies concerned to settle between themselves what the cost of laying 2 new cables between the Telegraph office and cable house should be assessed at- whatever it may be the Tramway Company is, I consider, liable for the -- amount.

3. You may further advise the Consulting Engineer that in the case of a break down of the existing cables between the office and cable house it would be your duty to assist the -- Cable Company by erecting an overhead line for their use -- and that the Tramway Company should be warned that in such a case a claim would be made against them for the expenditure involved.

4. x x x x

x x x x

Order thereon, No. R.dated February 1896.

Under the powers conferred by the above mentioned Act -- and Rules and in consequence of the appliances or apparatus of the Madras Electric Tramways Company Limited continuously affecting injuriously the Telephone and Telegraph lines of the Oriental Telephone and Electric Company Limited, and the -- Eastern Extension Australasia and China Telegraph Company -- Limited respectively. The Madras Electric Tramways Company -- Limited is required to carry out all such alterations in the -- appliances or apparatus of that Company as are mentioned in the letter read above and to prevent the apparatus or appliances of such Company injuriously affecting the Telephone and Telegraph lines of the other Companies above mentioned respectively, that is to say as regards the Eastern Extension Australasia and China Telegraph Company Limited, a new pipe line enclosing two unarmoured

cables

(11) Form No. 3.

N. 131. Dated 15.2.96.

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT

SERIAL
No. 131

again
Read the following

Proceedings of the Madras Govern-
ment, P.W. Department,

H.E. No. 802 R.dated 26th November/95

Electricity Act 1887 and Rules made by the Governor General in Council thereunder.

Read also,

Letter from the Superintendent,
Government Telegraph Department,
Madras Division,

H.E. No. 7980 dated 11th February /96

Order thereon, No. R.d/

Under the powers conferred by the above mentioned Act and Rules, and in consequence of the appliances or apparatus of the Madras Electric Tramways Company Limited, continuously affecting injuriously the telephone and telegraph lines of the Oriental Telephone and Electric Company Limited, and the Eastern Extension Australasia and China Telegraph Company -- Limited, respectively, the Madras Electric Tramways Company Limited, is required to carry out all such alterations in the appliances or apparatus of that Company as are mentioned in

the

the letter read above and to prevent
the apparatus or appliances of such -
Company injuriously affecting the --
Telephone and Telegraph lines of the
other Companies above mentioned res-
pectively, that is to say, as regards
the Eastern Extension Australasia and
China Telegraph Company, Limited, the
cost of supplying and laying a new --
wire line enclosing two unarmoured -
cables between the office of the --
above Company and their cable house -
including incidental expenses within
a limit of £ 1,000 sterling.

Full R.

14
2 96

Bf. No 131 R. dated 15.2.96

To,

Recd 15/2/96

The Madras Electric Tramways Co. Ltd ✓
Sir Daniel Cooper Baronet, G.C.M.G. ✓
and Mr. J.W. Barclay, Trustees under ✓
the Indenture of the 23-10-94. ✓
Messrs: Arbuthnot & Co. Attorneys of ✓
the above named Trustees. ✓
The Superintendent of Telegraphs, ✓
Madras Dn ✓
" President Municipal Commission ✓
Madras ✓
" Local & Municipal Department. ✓

W.D.