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MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

G.O. No. 1729430	Press Mis.
311+312+313	
Dated 20th July 18 1/2	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
20th July,*

No. 311 Read the following letter from the Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, dated Madras, 1st July 1872, No 339 —

WITH reference to the Order of Government, dated 8th May 1872, No 1,182,

From Director-General of Telegraphs, No 320-C, 1st June 1872, with enclosure
From the Agent of the Great Southern of India Railway, No 4,535, dated 3rd June 1872, with enclosure
From do No 4,572, 29th June 1872

I have the honour to submit for consideration the correspondence noted in the margin, and to request that sanction may be accorded to the expenditure of Rupees 12,000, in providing temporary posts for the erection of a wire

along the line of the Great Southern of India Extension, from Trichinopoly to Tuticorin.

2. The Government will observe that the Railway authorities have already on hand the length of wire and number of instruments required for the whole extension, also that no difficulty is anticipated in providing signallers. The provision of temporary posts is alone required, and I have the honour to request that the Government of India may be moved to communicate the necessary authority by telegraph.

From the Officiating Director-General of Telegraphs in India, to the Consulting Engineer for Railways, dated Simla, 1st June 1872, No 320-C

IN continuation of my telegram of the 20th instant as per margin, and further in reply to your letter No 441, dated the 6th instant, I

Your No 441, dated 6th May, I have made no provision whatever for Telegraph line along Railway to Tuticorin. If Telegraph absolutely necessary for construction of railway, I will try and provide a light wire, and if the railway like to erect it on temporary posts, at their own cost.

have now the honour to forward, for your information, the copy of my letter No 519, dated the 12th January 1871, to the address of the Secretary to the Government of India, Public

Works Department, recommending a certain plan of proceeding when this department has to construct a line of telegraph for a railway or for the joint use of a railway and itself, and as the suggestions in it made have generally been approved by the Government of India, I solicit to be informed how far they will meet the requirements of the case of the extension of the Great Southern of India Railway from Trichinopoly to Tuticorin, as set forth in your letter under reply

From the Officiating Director-General of Telegraphs in India, to the Secretary to the Government of India, Public Works Department, dated 12th January 1871, No 519

REFERRING to the present and probable demands on this department for the construction of telegraph lines along the proposed routes of the State Railways prior to their completion for the convenience of the engineering staff constructing the Railways, I would suggest that the best and cheapest plan would be for the Railway Engineers to run up a temporary line of wooden posts to be obtained and paid for by the Railway, this department lending the one wire required and the instruments and signallers when practicable, the pay of the signallers being defrayed by the railway

2 It is unnecessary for me to point out that the construction of a permanent line of telegraph along an unfinished line of railway can only be effected at a cost greatly in excess of the amount for which the same work could be carried out on the railway, being so far advanced as to admit of the material being distributed by its lorries. Moreover, a permanent line of telegraph

*Proceedings of the Madras Government, Public Works Department,
20th July 1872*

constructed along a line of railway before the embankments and cuttings are finished, would, it is much more than probable, have to be moved more or less at considerable expenditure, some injury to the material, and the probability of interruptions to communication

3 On intimation to this department of the permanent-way being sufficiently advanced to admit of the distribution of the material for the permanent line by lorry, arrangements would be at once made for its construction once for all

From the Agent of the Great Southern of India Railway, to the Consulting Engineer for Railways, dated Negapatam, 3rd June 1872, No 4,535

In reply to your No 197 of the 22nd ultimo, the Chief Engineer has sent to me the attached letter in which he intimates the cost of erecting temporary posts for the telegraph along the Southern Extension at Rupees 12,000 Mr Logan has further informed me that he estimates the bamboos when replaced by permanent posts will not realize more than Rupees 500

Copy of letter from the Chief Engineer, to the Agent of the Great Southern of India Railway, dated the 31st May 1872, No 90

The telegraph wire now in stock is sufficient for the construction of a double line 215½ miles in length, the wire is of the same description as that now in use on the main line, and weighs 127 tons, or 651 lbs per mile of single wire

2 In the event of the Company undertaking the construction of line, I propose adopting teak-wood for permanent posts, same as now in use on the open line and which are found to answer very well

3. I estimate the cost of erecting the wire temporarily, to be replaced afterwards by permanent ones, at Rupees 12,000, as follows —

Bamboos, forty	Rs	A	P
Tarring	20	0	0
Tools	6	13	6
Labour	4	0	0
Cartage	10	0	0
Contingencies, say	5	0	0
	4	2	6
Per mile	50	0	0
For 215½ miles (215½ × 50)	Rs.		
Superintendence for three months, say	10,775		
	1,225		
Total	12,000		

From the Agent of the Great Southern of India Railway, to the Consulting Engineer for Railways, dated Negapatam, 29th June 1872, No 4,572

Your letter No 228 of the 10th instant, the Officiating Director-General of Telegraphs in India recommends as the best and cheapest plan that the Railway Engineers run up a temporary line of wooden posts to be obtained and paid for by the railway, the Government Telegraph lending the one wire required, together with instruments and signallers when practicable I have to inform you that we already have on hand the necessary length of wire and number of instruments required between Trichinopoly and Tuticorin, and there will be no difficulty in supplying signallers I beg therefore that Government will be pleased to sanction the outlay estimated in my letter No 4,535 of the 3rd instant, so that immediate steps may be taken for putting the telegraph line in working order

*Proceedings of the Madras Government, Public Works Department,
20th July 1872*

No. 312. ORDER THEREON, 20th July 1872, No. 2,729. 17-97

RAILWAY, No. 74.

ORDERED that the sanction of the Government of India be requested to the expenditure of Rupees 12,000 on

the erection of a temporary line of posts to support the telegraph wire along the Southern Extension of the Great Southern of India Railway, and that authority to the commencement of the work be communicated by telegraph.

(Here enter No. 2,730, dated 20th July 1872,)

(True Extract)

Colonel, R.E.,

Secretary to Government.

To the Consulting Engineer for Railways

Exd E C Shunkor.

PUBLIC WORKS DEPARTMENT,
OOTACAMUND, 20th July 1872

No 313.

No. 1,730.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

RAILWAY, No. 75.

SIR,—Adverting to my letter of the 8th May 1872, No. 1,183, I am directed to forward copies of the accompanying correspondence on the subject of providing temporary posts for the line of telegraph along the Southern Extension of the Great Southern of India Railway, and, looking to the importance of establishing telegraphic communication between the Engineers employed on constructive operations with the least practicable delay, I am to request that authority to the expenditure of Rupees 12,000 required for the purpose may be conveyed by telegraph.

I have the honour to be,

Sir,

Your most obedient servant,

Colonel, R.E.,
Secretary to Government.

Exd E C Shunker.

RAILWAY DEPARTMENT.

CONSULTING ENGINEER'S OFFICE.

From

Lieut. Col. J. H. Stewart, C.E.,
Consulting Engineer for Railways,

To

Colonel G. W. Walker, C.E.,
Secretary to Government,
Public Works Department,
Fort Saint George.

SIR,

With reference to the
Order of Government dated the 8th May
1872, No. 1182, I have the honour to
acknowledge, for consideration, the corre-
-pondence noted in the margin, and
to request that sanction may be accord-
-ed to the expenditure of Rs 12,000 in
providing temporary posts for the erection
of a wire along the line of the Great
Southern of India extension, from

*From Director General of Telegraphs No. 320 & 1st June 1872
with enclosure.

From Agent G. of P. O. No. 4535, 3rd June 1872.
with enclosure.

From do ——— No. 11573, 29th June 1872

Trichinopoly

Treckinopoly to Leticariv.

2. The Government will ob-
-serve that the Railway Authorities have
already in hand the length of wire and
number of instruments required for the
whole extension; also that no difficulty
is anticipated in providing signallers.
The provision of temporary posts is
alone required, and I have the
honour to request that the Government
of India may be moved to com-
-municate the necessary authority by
telegram.

I have the honour to be

Sir

Your most obedient servant

Madras 2
1st July 1872
M. H. M. L. Esq.,
Genl. Engineer for Railways

No 172 Public Works Department
 Proceedings of the Madras Government
 Read the following

From The Consulting
 Engineer for Railways } H.E. No. 339 of 1st July 1872

Ordered that the
 sanction of the Government
 of India be requested
 to the expenditure of
 Rupees 12000 on the
 erection of a temporary
 line of posts to support
 the telegraph wire
 along the Southern
 extension of the Great
 Southern of India
 Railway, and that
 authority

Dec 8th 1872 H.E. No. 158 of 1872

Dec 1872 H.E. No. 3204

RAILWAY DEPARTMENT.

1872.

From

The Consulting Engineer

for Railways,

To

The Secretary to Government,
 P W Department,
 Fort Saint George

Dated

Recd

1st Aug 1872.

Encl. 5.

No. 339.

Requesting
 the sanction of Govt
 to the erection of
 telegraph on
 Southern extension
 Dec 1729-1930-20 July

No 311

No 30 July 172

authority to the commence-
ment of the work be
communicated by telegraph.

Here enter No 193007

The Consulting Eng^r
for Railways.

Desp^d 26/7/72

The Secretary to the
Government of India.

Sir,
Adverting to my

letter of the 8th May 1872,

No 1183, I am directed

to forward copies of the

accompanying correspondence

on the subject of providing

temporary posts for the

line of telegraph along

the Southern Extension

of the Great Southern of
India

India Railway, and,
looking to the importance
of establishing telegraphic
communication between
the Engineers employed
on constructive opera-
tions with the least
practicable delay, I am
to request that authority
to the Expenditure of
Rupees 12,000 required
for the purpose may
be conveyed by telegraph.

G.M.

Desp^d 26/7/72 with copy of
G.O. 1729 of 1872.

No 3204

Govt. of 1872: Madras.

PUBLIC WORKS.

To the Honorable Chief
for Railways
And
The Secretary to the Govt
of India

Dated

Recd.

Encl 5

G O 20th July 1872 4729-1780

Nos 311-312 & 313

Southern Extension. Extended

That the sanction of the Govt
of India be requested to the
Expenditure of Rs 12000 for
a temporary line of posts
to support the telegraph
wire along the Southern
Extension of the G S & P
Ry -

Requesting sanction
to the expenditure of Rs
12,000 for a temporary
line of posts to support
the telegraph wire along
the Southern Extension
of the G S & P Ry & desiring
that authority for the same
may be conveyed by telegraph
to the Govt of India