

(1) Number of pages 24

(2) Date of repair 29-8-44

(3) Initials of the Referencer \_\_\_\_\_

# MADRAS RECORD OFFICE.

Government of Madras.

*Public works* DEPARTMENT.

|               |       |
|---------------|-------|
| G.O. No. 800- | Press |
| 315-319       | Mis.  |
| Dated 17 3    | 1870. |

Not to be folded or roughly handled

A5

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No. 315.

Read the following papers:—

From the Deputy Secretary to the Government of India, Public Works Department, (Railway,) to the Secretary to the Government of Madras in the Public Works Department, Railway Branch, dated Fort William, 2nd March 1870, No. 377-R.

I AM directed to acknowledge receipt of your No. 146, dated 13th January 1870, forwarding copy of a letter from the Consulting Engineer, with enclosures, and requesting that the Governor-General in Council will so far modify the orders conveyed in letter No. 1,277-R. of 2nd September 1869 as to allow of active operations being proceeded with on the extension of the Great Southern of India Railway to Tuticorin, especially in obtaining possession of the land, the erection of a line of telegraph, and the selection of the head-quarters of the Engineering staff.

2. The circumstance of this recommendation having been made by the Government of Madras shows that there exists an imperfect appreciation of the objects which the Governor-General in Council had in view when issuing the instructions conveyed in my letter No. 1,277-R., that complete estimates should be approved by the Government of India before expenditure for new lines, branches, or extensions of Railways could be sanctioned. I am now, therefore, to explain that those instructions were issued with the object of giving effect to the views expressed in the despatch from the Government of India to the Secretary of State, No. 28, dated 28th March 1869, (copy communicated under Circular No. 20 of 1869,) which views have received the assent of Her Majesty's Government.

3. The despatch from the Secretary of State to the Government of Madras, No. 18, of 21st December 1869, had not been received at the date of your letter under reply; otherwise His Excellency the Governor in Council would have been aware of the important modifications introduced into the contract with the Great Southern of India Railway Company with the object of ensuring a more substantial control over the character and cost of the works. The revised clauses regarding "possession as a remedy" and "supervision" cannot be in any way operative unless a full and exact inquiry is made into the whole cost of every new undertaking before it is put in hand, and these clauses are specially designed to enforce attention to the principle which the Governor-General in Council has, after much deliberation, adopted, *viz.*, that, before incurring expenditure on any new line, the Government of India shall have before them a complete estimate of its cost, so that they may be fully aware of the liability they will incur in carrying it out and may be in a position to require such modifications in construction as may appear expedient in the general cause of economy or on a consideration of the relation borne by the probable traffic to the contemplated outlay. It is only in this way that the Government will be in a position to prescribe the conditions as to the total cost or otherwise which are to constitute the basis of the stricter power of control which the revised clauses are designed to afford, or to assure themselves that the project in all its bearings, particularly in respect to the probable cost, is such as they fully approve.

4. With this explanation the Governor-General in Council directs me to observe that expenditure on the extension of the Great Southern of India Railway to Tuticorin should be strictly limited to the preparation of the survey, and nothing

further can at present be sanctioned but the Survey staff and expenses immediately connected therewith. No indents for stores should be permitted to be sent to England until the prescribed conditions have been fully complied with, and the Secretary of State will be moved to withdraw the permission accorded to the Directors to forward materials which it was thought might be immediately wanted, such as telegraph wire and permanent way materials, until the general scope of the project has been ascertained and it has been determined what kind of permanent way shall be used and what arrangements regarding the establishing of telegraphs on extensions of guaranteed lines shall be adopted.

5. I am directed to enclose an extract of a despatch to the Government of Bombay on the same general subject, (No. 234-R., paragraphs 1 to 5).

EXTRACT (paragraphs 1 to 5) of Public Works Department No. 234-R., of 7th February 1870, from the Government of India, Public Works Department, to the Government of Bombay in the Public Works Department, (Railway).

I AM directed to acknowledge the receipt of your No. 2,382, dated 24th October 1869, forwarding an indent for stores required for the projected railway from Ahmedabad to Veerungaum.

2. Before dealing with this proposal the Governor-General in Council requests a reference to the instructions conveyed in the letter from this department, No. 1,278-R, dated 2nd September 1869, that, as a general rule, complete estimates for new lines, branches, or extensions of railways should be approved by the Government of India before expenditure for such purposes could be sanctioned. These instructions were designed to give effect to the views expressed in the despatch from the Government of India to the Secretary of State, No. 28, dated 22nd March 1869, which have received the assent of Her Majesty's Government, and the Governor-General in Council considers it essential, for the purpose of securing proper economy of construction and of avoiding the well-known errors of the former system, that all proceedings in connection with the extension of railways, whether by Guaranteed Companies or the State, should follow the course thus prescribed and approved.

3. Under this procedure the first essential in dealing with proposals for incurring expenditure on any new line is a complete estimate, so that the Government may be fully aware of the liability it will incur in carrying it out, and may be in a position to require such modifications in construction as may appear expedient, in the general cause of economy, or on a consideration of the relation borne by the probable traffic to the contemplated outlay.

4. To sanction the present indent would be to abandon this very important principle which the Governor-General in Council has, after much deliberation, adopted. The revised clauses of the contract relating to supervision and possession of the line as a remedy, which have been prepared by the Secretary of State and accepted by the Railway Company, are specially designed to enforce attention to this principle. As was pointed out to the Directors by their Solicitors in the letter which forms enclosure No. 4 of the Secretary of State's despatch, No. 48, Railway, of 1869, to the Bombay Government, the object of the alteration was to gain a greater power of control over the character and the cost of the works, and it is plain that the new clauses cannot be in any way operative unless a full and exact inquiry is made into the whole cost of every new undertaking before it is put in hand, and the Government is thus placed in a position to prescribe the conditions as to the total cost or otherwise which are to constitute the basis of such power of control. The Government must, in short, assure themselves, before any work is undertaken, that the precise proposal in all its bearings, and particularly in respect to the probable cost, is such as they fully approve. The Government of India have no definite information as to any of the essential features of the present proposal, and are, therefore, quite unable to deal with it.

5. The Governor-General in Council will, therefore, await a further complete explanation of the precise nature of the projected extension, with the reasons for adopting the special line

selected, and for giving to the works the character that may be proposed for them. It is believed that the Company has already surveyed the line, and that the main questions at issue in respect to its direction and so forth have been long under consideration, so that the information which is essential to admit of the Government of India dealing with the project may probably be obtained in a comparatively short period of time.

No. 316. From the Deputy Secretary to the Government of India, Public Works Department, (Railway,) to the Secretary to the Government of Madras in the Public Works Department, Railway Branch, dated Fort William, 2nd March 1870, No. 378-R.

I AM directed to acknowledge receipt of your dockets, Nos. 148 and 503, of dates 13th January and 12th February 1870, forwarding copies of Resolutions Nos. 147 and 502 of same dates regarding an advance of Rupees 10,000 for preliminary surveys, for the proposed extension of the Great Southern of India Railway to Tuticorin, and a sanction to the entertainment of an Engineering staff, at a cost not exceeding Rupees 4,276 per mensem; the Government of Madras have sanctioned this expenditure, and request confirmation of their proceedings.

2. The procedure to be followed in carrying out the extension to Tuticorin has been treated generally in No. 377-R of this date. To admit of progress being made with the surveys, the action of the Madras Government is confirmed; but an estimate of the probable cost of the survey, including establishment of all kinds, contingencies, etc., should be called for and submitted for orders, so that the work may proceed on a distinct money sanction of the capital outlay needed.

3. It is now known that the Directors have sanction from the Secretary of State to engage an Engineering staff, consisting of—

|                                |     |             |
|--------------------------------|-----|-------------|
| Four first-class Engineers, at | £   | 900 a-year. |
| „ second „ „ at                | 700 | „           |
| Seven third „ „ at             | 500 | „           |

and that at least eight of these gentlemen are on their way to, or have reached, India; of these, one will be detailed as Assistant to the Chief Engineer. There will thus be an ample, if not excessive, staff of skilled Surveyors, and it is possible that, with later and full information before him, His Excellency the Governor in Council may desire to modify the first proposal regarding Survey establishments.

4. As the country is known to present no great difficulties, it is likely that the Engineers will be unoccupied for some time after completion of the survey and before sanction can be given to the complete estimate, and the Secretary of State will be addressed concerning the possible occurrence of this contingency, which has arisen from the erroneous way in which the Directors have contemplated progress before waiting for the completion of essential preliminaries.

5. The Government of India has no objection to the cost of the recent examination of the country between Madura and the existing line being debited, in the books of the Railway Company to the Southern Extension; but it is to be observed that this new enterprise is part and parcel of the main Railway, and that there is no distinct capital account.

*Proceedings of the Madras Government, Public Works Department,  
17th March 1870.*

No. 317. From Major J. H. M. SHAW STEWART, R. E., Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, dated Madras, 11th March 1870, No. 98.

In continuation of this office letter, No. 420, dated 17th December 1869, I have the honour to submit a letter\* received from the Agent of the Great Southern of India Railway soliciting a further advance of Rupees 20,000 on account of preliminary expenses in connection with the Southern Extension.

2. I beg to recommend that Mr. Betts' application be complied with.

From W. S. BETTS, Esq., Agent of the Great Southern of India Railway, to the Consulting Engineer for Railways, dated Negapatam, 8th March 1870, No. 3,387.

THE amount (Rupees 10,000) sanctioned by Government on account of " preliminary expenses " in connection with the survey of the Southern Extension has been nearly expended and the Chief Engineer asks me to obtain a further allowance of Rupees 20,000 under this head. Will you please ask for this additional sanction?

No. 318. From Major J. H. M. SHAW STEWART, R. E., Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, dated Madras, 12th March 1870, No. 102.

REFERRING to the Order of Government noted in the margin, and to the papers therewith printed, I have the honour to submit, for the further consideration of His Excellency in Council, two letters\* which have to-day reached me from the Agent of the Great Southern of India

No. 145, 13th January 1870.  
,, 567, 18th February ,,

\* No. 3,391, 9th March 1870.  
,, 3,392, ,,

Railway, in which Mr. Betts brings to notice the inconvenience caused by the delay in the receipt of sanction to his application for funds for pushing on the preliminary works connected with the Southern Extension.

2. Pending receipt of instructions no action can, of course, be taken by me in the matter.

From W. S. BETTS, Esq., Agent of the Great Southern of India Railway, to the Consulting Engineer for Railways, dated Negapatam, 9th March 1870, No. 3,391.

WITH reference to the estimate for putting up a telegraph wire on the Southern Extension, submitted with my letter, No. 3,294, of the 22nd January last, the Chief Engineer reminds me that he is still without sanction and unable to get on with the posts to carry the wire. He says: " The material has all been ordered in England and is now probably on its way out, so that, unless I get leave to make a start at once, all the energy displayed at Home will be comparatively neutralized by want of preparation in this country."

2. I shall feel obliged, therefore, if you will kindly expedite the forwarding of the sanction of Government for this work.

From W. S. BETTS, Esq., Agent of the Great Southern of India Railway, to the Consulting Engineer for Railways, dated Negapatam, 9th March 1870, No. 3,392.

ATTACHED I have the honour to forward copy of a letter, No. 758, of the 7th instant, from the Chief Engineer, and request you will be good enough to move Government to give an early sanction to the application of the Chief Engineer.

*Proceedings of the Madras Government, Public Works Department,  
17th March 1870.*

From the Chief Engineer, to W. S. BETTS, Esq., Agent of the Great Southern of India Railway, dated Trichinopoly, 7th March 1870, No. 758.

Will you be good enough to call the attention of Government to the fact that I am still awaiting sanction to the disbursement of money in preliminary construction work, and that, from want of sanction to the employment of the subordinate staff on the districts, I cannot engage many eligible men, who, unable to wait, pass on and are lost. It is of the utmost importance that early sanction should be accorded in these matters, to avoid unnecessary expenditure and delay hereafter. Without an early-formed, and, in some measure, trained-to-our-system staff, I shall be in the position of having work to perform without the hands to do it, instead of having the staff, as it ought to be, somewhat in advance of, and ready for, the work.

2. Most good men are in employment, and have to give from one month to three months' notice before taking service elsewhere. I shall thus have a considerable time to wait, even after sanction to my staff is accorded, before I can form and train it into any approach to efficiency.

No. 319. ORDER THEREON, 17th March 1870, No. 800.

RAILWAY, No. 32.

13th January 1870, No. 145.  
18th February ,, ,, 147.  
18th February ,, ,, 558.

COMMUNICATED to the Consulting Engineer for Railways with reference to the Orders marginally noted.

2. Sanction is at present only accorded to the cost of the Survey staff to be employed on the extension of the

Great Southern of India Railway to Tuticorin, and to a small part of the expenses immediately connected with it. It will be observed that, before giving their sanction to further expenditure, the Government of India require to have before them an exact estimate of the probable total cost of the undertaking, and that, with this in view, it is necessary that the expenditure on the extension should for the present be strictly limited to the preparation of the survey, for which Major Shaw Stewart will obtain, and submit without delay, the estimate called for by the Government of India, taking care that it provides for establishments of all kinds, contingencies, etc.

3. As the Right Honourable the Governor-General in Council purposes to address the Secretary of State regarding the withdrawal of the permission accorded to the Directors to forward such materials as may be immediately wanted until some definite decision has been arrived at on the general scope of the extension, the estimates submitted by the Consulting Engineer with his letter, recorded in G. O. No. 567, dated 18th February 1870, must necessarily be held in abeyance.

4. Major Shaw Stewart's attention will be drawn to paragraph 4 of the first of the letters above recorded, in which the Government of India direct that no indents for stores shall be sent to England until the prescribed conditions shall have been fulfilled. Under these instructions the indents submitted with the Consulting Engineer's letter of the 24th ultimo, No. 77, will be returned for revision. Attention is also called to paragraph 5 of the second letter above read regarding the adjustment of the cost of the examination of the country between Madura and the existing line.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,  
Secretary to Government.

To the Consulting Engineer for Railways.

Exd. A. S. Rodgers.

Govt. of 1870: Madras.

PUBLIC WORKS.

To

THE CONSULTING ENGINEER FOR

RAILWAYS.

Dated March 17th.

Recd.

Encl.

G. O., 17th March 1870, No. 899

MARCH

Nos. 315 319

Great Southern of India Railway.—  
Passing orders on papers relative to the  
preliminary expenses to be incurred in  
connection with the proposed extension  
of the Great Southern of India Railway to  
Tuticorin.

No. 3391

GREAT SOUTHERN OF INDIA RAILWAY.

AGENT'S OFFICE,

NEGAPATAM,

March 9 1870

From

THE AGENT,

Great Southern of India Railway,

To

The Consulting Engineer  
for Railways

Madras

SIR,

With reference to the Estimate  
for putting up a telegraph wire on  
the Southern Extension, submitted  
with my letter No 3294 of the 22<sup>nd</sup> inst  
the Chief Engineer reminds me  
that he is still without sanction  
and unable to get on with the  
works to carry the wire, he says—  
the material has all been ordered  
in England and is now probably  
on its way out, but unless  
I get leave to make the start at  
once, all the energy displayed  
at home will be comparatively  
neutralized by want of preparation  
in this country.

I shall feel obliged therefore if you  
will kindly expedite the forwarding  
of the sanction of Government  
for

No. 3392

GREAT SOUTHERN OF INDIA RAILWAY.

AGENT'S OFFICE,

NEGAPATAM,

March 9<sup>th</sup> 1890

From

THE AGENT,

Great Southern of India Railway,

To

The Consulting Engineer  
for Railways  
Madras

SIR,

Attached I have the honor  
to forward copy of a letter, No. 458  
of the 7<sup>th</sup> instant, from the Chief  
Engineer and request you will  
be good enough to move  
Government to give an early  
sanction to the application  
of the Chief Engineer.

I have the honor to be  
Sir

Your most obedt. Servt

Saichamund Bett

Agent

for this work

I have the honor to be

Your most obedt. Servant

Saichamund Bett  
Agent

Done

The Agent

for the Railway

at Negapatam

on 9<sup>th</sup> March 1890

for the Chief Engineer

at Madras

Dated 9<sup>th</sup> March 1890

at Negapatam

for the Chief Engineer

at Madras

for the Chief Engineer

at Madras

No 758. Great Southern of India Railway  
Chief Engineer's Office  
Trichinopoly 7<sup>th</sup> March 1870

W. S. Betts Esquire

My dear Sir

Will you be good enough to call the attention of Government to the fact that I am still awaiting sanction to the disbursement of money in preliminary construction work and that from want of sanction to the employment of the subordinate staff on the Districts I cannot engage many eligible men, who unable to wait, pass on and are lost. It is of the utmost importance that early sanction should be accorded in these matters to avoid unnecessary expenditure and delay hereafter. Without an early formed and in some measure trained to our system staff, I shall be in the position of having work to perform without the hands to do it instead of having the staff as it ought to be, somewhat in advance of and ready for the work.

Most good men are in employment, and hard to give from one month to three months notice before taking service elsewhere, I shall thus have a considerable time to wait even after sanction to my staff is accorded before I can form and train it into any approach to efficiency.

Yours truly  
David Logan  
Chief Engineer

These copy

From

No 3392

To Mr. Betts

Chief Engineer

To Mr. Logan

Chief Engineer

for Railway

Trichinopoly

Chief Engineer

Chief Engineer

Chief Engineer

Chief Engineer

Chief Engineer

Chief Engineer

Railway Depart.

Cons: Engrs Affrs

N<sup>o</sup> 102

From

Major J. M. Shaw Stewart & Co  
Cons: Engrs for Railways

To

Colonel to A. Orr & Co  
Secretary to Government  
Public Works Department  
Fort Saint George

Sir,

Referring to the order of Government noted in the margin and to the papers therewith printed, I have the honour to submit for the further consideration of His Excellency in Council two letters which have to day reached me from the Agent of the Great Southern of

\* N<sup>o</sup> 145 - 13 January 1870  
\* 567 - 18 July 1870.

N<sup>o</sup> 3891 }  
3892 }

March 1870

of India Railway, in which Mr.  
Betts brings to notice the  
inconvenience caused by the  
delay in the receipt of sanction  
to his applications for funds  
for pushing on the preliminary  
works connected with the  
Southern Extension.

Pending receipt of  
instructions, no action can of  
course be taken by me in the  
matter.

Madras  
12 March  
1870

I have the honor to be  
Sir  
Yours Most Obedt Servt  
Wm. Kent  
Major R.E.  
Genl. Secy for Railways

No. 3387

GREAT SOUTHERN OF INDIA RAILWAY.

AGENT'S OFFICE,

NEGAPATAM,

March 8<sup>th</sup> 1870.

From

THE AGENT,

Great Southern of India Railway,

To

The Consulting Engineer  
for Railways  
Madras.

SIR,

The amount (Rs. 10,000) sanctioned by Government on account of "Preliminary expenses" in connection with the survey of the Southern Extension, has been nearly expended and the chief Engineer asks me to obtain a further allowance of Rs. 20,000—under this head. Will you please ask for this additional sanction.

I have the honor to be

Yours most obed<sup>t</sup>. Serv<sup>t</sup>  
William B. B. B.  
Agent

1870  
From  
The Consulting Engineer  
for Railways

To The Secretary to Govt  
P. W. Deptt.  
St. George.

Dated 12<sup>th</sup> March 1870  
Recd 14<sup>th</sup>

No 102  
Encl: 23.

17<sup>th</sup> March 1870

Submitting  
for the further con-  
sideration of Govt  
two letters from the  
Agent, Great Southern of  
I. Railway regarding the  
Southern Extension.

No 318

Enclosure to P.M.D. 374 R. of 1870.

12

Extract paras 1 to 5 of P.M.D. 234 R. of 7<sup>th</sup> Feb'y/70.  
from the Govt. of India, P.M. Dept. to the Govt.  
of Bombay in the P.M. Dept. (Railway).

I am directed to acknowledge the receipt of your No. 2382, dated 24th October 1869, forwarding an indent for stores required for the projected Railway from Ahmedabad to Veerungaum.

2. Before dealing with this proposal, the Governor General in Council requests a reference to the instructions conveyed in the letter from this Department, No. 1278 R, dated 2nd September 1869, that, as a general rule, complete estimates for new lines, branches, or extensions of railways should be approved by the Government of India before expenditure for such purposes could be sanctioned. These instructions were designed to give effect to the views expressed in the Despatch from the Government of India, to the Secretary of State, No. 28, dated 22nd March 1869 which have received the assent of Her Majesty's Government, and the Governor General in Council considers it essential for the purpose of securing proper economy of construction, and of avoiding the well known errors of the former system, that all proceedings in connection with the extension of railway whether by Guaranteed Companies or the State, should follow the course thus prescribed and approved.

3. Under this procedure the first essential in dealing with proposals for incurring expenditure on any new line is a complete estimate, so that the Government may be fully aware of the ability it will incur in carrying it out, and may be in a position to require such modifications in construction as may appear expedient, in the general cause of economy, or on a consideration of the relation borne by the probable traffic to the contemplated outlay.

4. To sanction the present indent would be to abandon this very important principle which the Governor General in Council has, after much deliberation adopted. The revised clauses of the contract relating to supervision and possession of the line as a remedy, which have been prepared by the Secretary of State, and accepted by the Railway Company, are specially designed to enforce attention to this principle. As was pointed out to the Directors by their Solicitors in the letter which forms enclosure No. IV of the Secretary of State's Despatch No. 48 Railway of 1869 to the Bombay Government, the object of the alteration was to gain a greater power of control over the character and the cost of the works, and it is plain that the new clauses cannot be in any way operative, unless a full and exact enquiry is made into the whole cost of every new undertaking before it is put in hand, and the Government is thus placed in a position to prescribe the conditions as to the total cost, or otherwise, which are to constitute the basis of such power of control. The Government must, in short, assure themselves before any work is undertaken that the precise proposal in all its bearings, and particularly in respect to the probable cost, is such as they fully approve. The Government of India have no definite information as to any of the essential features of the present proposal, and are therefore quite unable to deal with it.

5. The Governor General in Council will, therefore, await a further complete explanation of the precise nature of the projected extension, with the reasons for adopting the special line selected, and for giving to the works the character that may be proposed for them. It is believed that the Company has already surveyed the line, and that the main questions at issue in respect to its direction and so forth have been long under consideration, so that the information which is essential to assist the Government of India dealing with the project may probably be obtained in a comparatively short period of time.

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Handwritten notes and signatures on the left page, including "P.M. 996/70" and various illegible signatures.

M. D.

Proceedings of the Madras Government.

No 800. Read the following:-

from the Govt of India — (N.R. No 377 R. — D 2 March 70).

Do. — Do. — (— " 378-79 R. — D —)

" Comgrs for Railways. — (— " 98. D 11 — D —)

Do — Do — (— " 102. D 12 — D —)

Communicated to the Comr. Engineer for Railways with reference to the orders marginally noted.

13<sup>th</sup> Jan 70. No 145.

Do — " 147.

18<sup>th</sup> Feb. " 55 B.

Sanction is at present only accorded to the cost of the Survey Staff to be employed in the extension of the Great Southern of India Railway to Tuticorin and to a small part of the expenses immediately connected with it. It will be observed that before giving their sanction to further

N

W. M. C.

A. A.

J. O. S.

expenditure, the Govt. of India  
require to have before them  
an exact estimate of the  
probable total cost of the  
undertaking and that, with  
this in view, it is necessary  
that the expenditure on the  
extension should for the  
present be strictly limited  
to the preparation of the  
survey, for which Major  
Shaw Stewart will obtain  
and submit without delay  
the estimate called for by  
the Govt. of India taking  
care that it provides for  
establishments of all  
kinds, contingencies, &c.

As the Right Hon<sup>ble</sup>  
the Governor General has

Council purposes to address  
the Secretary of State regarding  
the withdrawal of the per-  
mission accorded to the Directors  
to forward such materials as  
may be immediately wanted  
until some definite decision  
has been arrived at on the  
general scope of the extension,  
the estimates submitted by  
the Com<sup>g</sup> Engineer with his  
letter recorded in G. O. No 567  
dated 18<sup>th</sup> February 1870, must  
necessarily be held in abeyance.

Major Shaw Stewart's  
attention will be drawn to  
Para 4 of the first of the  
letters above recorded, in  
which the Govt. of India  
direct that no orders  
for stores shall be sent

to England until the prescribed  
conditions shall have been  
fulfilled. Under these in-  
structions the Indents sub-  
mitted with the Long Engineer's  
letter of the 24<sup>th</sup> Ultimo 1877  
will be returned for revision.  
Attention is also called to  
Para 5 of the second letter  
above read regarding the  
adjustment of the cost of  
the examination of the  
country between Madras  
and the existing line.

To the Long Eng. for  
Railways.  
L.S. decr. 17/3/70.  
P.C. 5/12/70

Crs 996, 1001, 1002 & 1032  
Govt. of Madras  
PUBLIC WORKS.

The Consulting Engineer  
for Railways

Dated

Recd.

5

G. O., 17th March 1870. No 800

Nos. 815 (a) 819

Great Southern of India Railway

Copying orders on papers relative  
to the preliminary expenses to be in-  
curred in connection with the pro-  
posed extension of the Great Southern  
of India Railway to Lutterlin.