

Local & Munl. (1899) Department.

MISCELLANEOUS.

G.O., No. 124 L

DATED 19-1-99.

INDEXED

[Despatch Abstract.]

Mutipet - Avatayonkovil Railway Survey.

Recording G.O. P.W.D. directing that the District Board, Tanjore, should place the Agent, South Indian Railway, in funds for the ——— and that the sanction of the Government of India to the estimated cost of the survey be applied for.

BACK PAPERS.

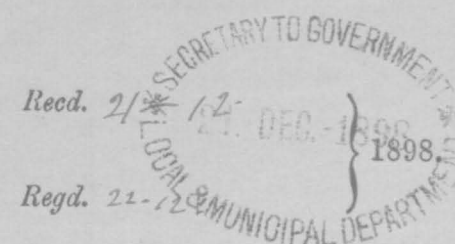
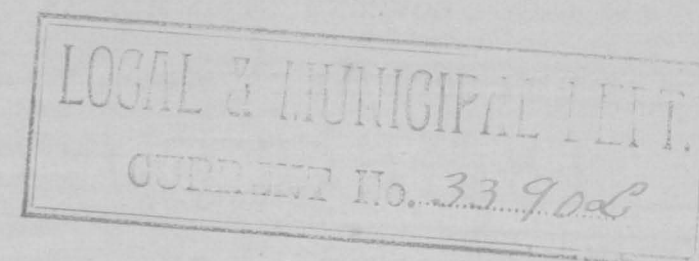
G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

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

RAILWAY.

Government (1898) of Madras. PUBLIC WORKS.



Recd. 21/12/1898

Regd. 21/12/1898

Enclosures nil

Spare copies 6

G.O., No. 1518 Ry., 9th December 1898.

Order No. 124 Lins
Recorded. 19/1/99

DECEMBER.

16/1-99
16/1/99

Note
The G.O. has already been communicated to the President, D. Bd. Tanjore by the Public Works Deptt.

Mutupet-Avadaiyarkovil Railway Survey

Directing that the District Board, Tanjore, should place the Agent, South Indian Railway, in funds for the — and that the sanction of the Government of India to the estimated cost of the survey be applied for.



GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read again the following paper :—

G.O., No. 537 Ry., dated 5th April 1898.

Read also the following papers :—

From—The President, District Board, Tanjore.

To—The Secretary to Government, Local and Municipal Department.

Dated—Camp Vallam, 8th June 1898, Dis. No. 564/D.B.

With reference to G.O., No. 823 L., dated 2nd May 1898, communicating G.O., No. 537 Ry., dated 5th April 1898, passing orders on the method of financing the proposed extension of the Mayavaram-Mutupet Railway to Avadaiyarkovil, I have the honour to submit herewith a copy of the District Board's Resolution No. 2, dated 28th May 1898, from which it will be seen that it has accepted the recommendations of the Government of Madras contained in paragraphs 1 to 3 of G.O., No. 537 Ry., dated 5th April 1898, in their entirety.

2. I am addressing the Agent of the South Indian Railway to make the requisite arrangements to get the survey made at once.

3. I further beg to request that the sanction of the Government of India may be obtained for proceeding with the first section, namely, from Mutupet to Adirampatnam at once. The District Board has at present Rs. 7,66,000 invested in Government securities in addition to Rs. 1,47,677 in cash, in favour of the Railway Guarantee Fund, and is ready to put the South Indian Railway Company in funds for the purpose on receipt of orders from the Government of India.

ENCLOSURE.

PROCEEDINGS of the District Board, Tanjore, dated 28th May 1898.

2. Read G.O., No. 823 L. Mis., dated 2nd May 1898, communicating G.O., No. 537 Ry., dated 5th April 1898, passing orders on the method of financing the proposed extension of the Mayavaram-Mutupet Railway to Avadaiyarkovil.

(i) The Board accepts the proposals of the Government of India for financing the scheme by debentures repayable in twenty years.

(ii) It accepts further the condition to reserve the right of acquiring the line.

(iii) Application will be made to the Agent, South Indian Railway, for an estimate of the survey as well as for estimates of the ultimate cost of the line. For the purpose of beginning the survey at once, the Board resolves to allot Rs. 5,000 now.

(iv) The Government will be asked to address the Government of India for sanction to go on with the surveyed section to Adirampatnam. The Board is prepared to allot funds for the purpose at once.

From—The President, District Board, Tanjore.

To—The Secretary to Government, Local and Municipal Department.

Dated—Camp Vallam, 14th June 1898, Dis. No. 591/D.B.

In continuation of my letter, Dis. No. 564/D.B., dated 8th June 1898, I have the honour to submit herewith, for favour of necessary action, copy of letter from the Agent, South Indian Railway, Trichinopoly, No. R. 1657—6/2367, dated 11th June 1898, requesting to make a requisition for a survey and estimate of the Adirampatnam-Avadaiyarkovil extension through the Government of India.

2. A copy of my letter, Cur. No. 1206/D.B., dated 8th June 1898, referred to in the Agent's letter, is enclosed.

ENCLOSURE No. 1.

From—The Agent, South Indian Railway.

To—The President, District Board, Tanjore.

Dated—Trichinopoly, 11th June 1898, No. R. 1657—6/2367.

With reference to your letter, No. 1206/D.B., dated 8th June 1898, I have the honour to request that you will kindly make your requisition for a survey and estimate of the Adirampatnam-Avadaiyarkovil extension through the Government of India. Although no reference is made in our contract with the Secretary of State regarding the preparation of estimates for and the making of new lines, I presume the procedure prescribed in regard to the construction of branch or extension railways should be followed.

ENCLOSURE No. 2.

From—The President, District Board, Tanjore.

To—The Agent, South Indian Railway.

Dated—8th June 1898, Cur. No. 1206/D.B.

With reference to G.O., No. 537 Ry., dated 5th April 1898, passing orders on the method of financing the proposed extension of Mayavaram-Mutupet line to Avadaiyarkovil, I have the honour to enclose copy of the Tanjore District Board's Resolution No. 2, dated 28th May 1898, and to request that necessary arrangements may be made at the earliest possible date to prepare a survey and estimate of the proposed line to Avadaiyarkovil. On hearing from you what the cost of the survey will be, I shall place funds at your disposal through Government as may be required.

Endorsement of the Local and Municipal Department, No. 711, dated 20th June 1898.

Transferred to the Public Works Department.

Order—No. $\frac{875}{A}$ Ry., dated 28th June 1898.

The Government of India will be addressed.

From—The Joint Secretary to the Government of Madras, P.W. Dept., Ry. Branch.

To—The Secretary to the Government of India, Public Works Department.

Dated—Ootacamund, the 23th June 1898, No. 876 Ry.

With reference to the correspondence ending with my No. 537-A. Ry., dated the 5th April 1898, on the subject of the financing of the proposed extension of the Mayavaram-Mutupet Railway to Avadaiyarkovil, I am directed to forward a copy of a resolution passed by the Tanjore District Board on the 28th May 1898, in which all the terms formulated by the Government of India in your letter to this Government, No. 303 R.C., dated the 5th March 1898, have been agreed to.

2. The District Board now asks that sanction may be obtained to the commencement of work on the section from Mutupet to Adirampatnam which has already been surveyed and estimated. A reference to the correspondence ending with your letter, No. 1141 R.C., dated the 13th October 1892, will show that the Government of India are already in possession of the estimate of this $9\frac{1}{2}$ mile section.

3. This Government has ascertained that the Tanjore District Board has, at credit of the Railway Guarantee Fund, Rs. 7,66,000 in securities and Rs. 1,47,000 in cash, and that they are prepared to put the South Indian Railway in funds without any delay. I am therefore directed to request that formal permission may at once be accorded to work being begun on this $9\frac{1}{2}$ mile section which has been estimated at Rs. 4,63,000.

4. It appears necessary under clause 10 of the South Indian Railway Company's contract that a requisition to construct (and presumably this includes also the survey and estimating for) any railway on behalf of a local authority should emanate from the Secretary of State. The Agent, South Indian Railway, having asked the Tanjore Local Board to obtain such a requisition, I am instructed to request that it may be served on the Company through this Government at as early a date as may be practicable in order that no time may be lost before the working season begins.

From—The Secretary to the Government of India, Public Works Department.
To—The Joint Secretary to the Government of Madras, P.W. Dept., Ry. Branch.
Dated—Simla, the 24th August 1898, No. 99 R.P.

I am directed to acknowledge the receipt of your letter, No. 876 Ry., dated the 28th June 1898, in which you intimate the acceptance, by the Tanjore District Board, of the terms formulated by the Government of India in their letter No. 303 R.C., dated the 5th March 1898, for the financing of the proposed extension of the Mayavaram-Mutupet Railway to Avadaiyarkovil.

2. The District Board request sanction to the commencement of work on the section from Mutupet to Adirampatnam, and you recommend that this may be permitted on the estimate for Rs. 4,62,614 submitted with your letter, No. 1964 R., dated the 13th August 1892.

3. In reply, I am to say that the plans referring to the estimate were destroyed in the fire of 1896, so it is now impossible to scrutinise them, and moreover it seems probable that in the light of recent circumstances, such as the acceptance by the Government of the proposal to extend the railway beyond Adirampatnam, the proposals of 1892 may require modification.

4. I am further to remark that the estimate provides for using second-hand permanent-way material which may perhaps not now be available. Also it would be desirable to use some of the second-hand 40 ft. girders which, it is understood, can be made available from the Gudur-Nellore section of the Bezwada-Madras Railway now being converted to the standard gauge.

5. Under these altered circumstances, it, therefore, seems desirable to make a fresh survey and revise the estimates, and if this commends itself to your Government, a formal notice will be served by the Government of India on the South Indian Railway Company to commence the survey under clause 87 of the contract.

6. The estimates will be submitted to the Secretary of State who will, if they are approved of, call on the Company to construct the line under clause 10 of the contract. It, therefore, appears premature to begin work until these preliminaries are concluded, but application may be made for provisional sanction to collect materials and make arrangements as soon as the plans and estimates are completed.

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways, Madras.
Dated—Trichinopoly, 5th September 1898, No. 831.

Referring to G.O., No. 537 Ry., dated 5th April 1898, I have the honour to inform you that on the 11th June 1898 I received a request from the President of the District Board, Tanjore, to undertake the survey of the proposed extension of the Mayavaram-Mutupet Railway to Avadaiyarkovil. With the above letter was also forwarded an extract from the Proceedings of the District Board of Tanjore at a meeting held on the 28th May 1898, in which the Board resolved to address Government for sanction to proceed with the already surveyed extension from Mutupet to Adirampatnam. In reply, I informed the President that his request should be made through Government. I have not yet received any communication from you on the subject, and for information shall be glad to know how the matter stands, so that arrangements may be made as regards staff should there be any immediate probability of the construction to Adirampatnam and survey to Avadaiyarkovil being undertaken.

From—The Consulting Engineer for Railways, Madras.
To—The Agent, South Indian Railway.
Dated—Ootacamund, the 5th September 1898, No. 138/O.

As the estimate framed for the extension of the Mayavaram-Mutupet Railway to Adirampatnam in 1892 may not be correct under existing circumstances, I have the honour to request that you will inform me of the earliest date on which you could complete a fresh survey and estimate. In doing this you should explain if second-hand permanent-way materials, as allowed for in the estimate of 1892, are still available, also if the second-hand metre gauge girders removed from the Gudur-Nellore section could not, if still available, be utilised for the extension. I shall be obliged by a very early reply, and if you are of opinion that the estimate of 1892 is still sufficiently correct to enable work to be commenced with it as a basis, you should give your reasons in full detail.

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways, Madras.
Dated—Trichinopoly, 14th September 1898, No. 863.

With reference to your letter, No. 138/O., dated 5th September 1898, regarding the Adirampatnam extension of the Mayavaram-Mutupet Railway, I have the honour to subjoin a copy of the Officiating Chief Engineer's report on the matter:—

ENCLOSURE.

1st. A fresh survey and estimate "*de novo*", inclusive of plotting, would take about six weeks to complete, but I do not consider this at all necessary, the existing survey and section being sufficient.

2nd. Second-hand permanent-way materials, as allowed for in the estimate for 1892, are not now available for this extension. The 5,531 second-class rails required for this extension are in stock, but are required for the extension of sidings on the South Indian Railway proper.

According to the 1892 estimate, the following girders are required in the extension:—

8-40	feet spans.
1-25	do.
2-20	do.
1-10	do.

There are on the Gudur-Nellore section, if available—

111-40	feet spans.
4-20	do.
5-10	do.

All these girders with the exception of the 10 ft. spans are under the standard of strength now required by the Government of India, and will therefore require strengthening before being brought into use. I find that in the 1892 estimate, the 40 ft. span bridges have been estimated for under the understanding that the line will be carried on cross girders resting on the bottom flanges of the main girders, so that if the 40 ft. girders on the Gudur-Nellore section are used, new cross girders will have to be procured unless the embankments at the approaches to these bridges are raised about 1' 6" to allow of the rails running on cross sleepers resting on the top flanges, which will involve an alteration to the estimate under head "Earthwork." In the 1892 estimate, provision has been made for carrying the line on cross sleepers resting on the girder top flanges in the cases of the 25, 20 and 10 feet spans. Gudur-Nellore girders can be therefore utilized, when strengthened.

I am of opinion that the estimate of 1892 is sufficiently correct to enable work to be started on it as a basis, because—

1st. The line is only $9\frac{1}{4}$ miles in length.

2nd. It is a surface line presenting no physical difficulties and has only two bridges of any magnitude on it, the Pomaney bridge of 5-40 ft. spans and Narsuvani bridge of 3-40 ft. spans.

3rd. With the exception of $1\frac{1}{4}$ miles which is through wet lands, the remainder passes through palmyra topes and waste land.

4th. The rates given for earthwork, brickwork, and ironwork are what is now paid for similar classes of work.

From—The Consulting Engineer for Railways, Madras.

To—The Agent, South Indian Railway.

Dated—Ootacamund, 21st September 1898, No. 166/O.

In reply to your letter No. 863, dated the 14th September 1898, I have the honour to request that you will cause a revised estimate of the Mutupet-Adirampatnam section to be prepared with the least possible delay, and that with it you will submit a copy of the plans and sections on which it has been based, as those previously submitted are not forthcoming.

2. The revised estimate should provide 1st, for the alteration of alignment if any likely to be necessitated by the decision to extend further to the south; 2nd, for new rails in lieu of the second-hand ones previously allowed for; 3rd, for altered loss by exchange; 4th, for the use of as many of the Gudur-Nellore girders as can be utilised; 5th, for any alteration of earthwork quantities necessitated by using the deck forties; 6th, alteration of rates if any; and 7th, anything else that may suggest itself.

3. It is for the Government Inspector to decide whether the Nellore girders, lately in use on the South Indian Railway, and presumably similar to many still in use thereon, may or may not be used on this feeder extension. Meanwhile, pending his prohibition, you may provide for using them.

Order—No. 1159 Ry., dated 21st September 1898.

The Government of India will be addressed.

From—The Joint Secretary to the Government of Madras, P.W. Dept., Ry. Branch.

To—The Secretary to the Government of India, Public Works Department.

Dated—Ootacamund, 21st September 1898, No. 1160 Ry.

In reply to your letter No. 99 R.P., dated the 24th August 1898, I am instructed to express the concurrence of this Government, in the suggestions made in your paragraph 5, and to request that the necessary formal notice to make the survey may be at once served on the South Indian Railway Company, under clause 87 of their contract.

From—The Secretary to the Government of India, Public Works Department.
To—The Joint Secretary to the Government of Madras, P.W. Dept., Ry. Branch.
Dated—Simla, 24th October 1898, No. 136 R.P.

With reference to your letter, No. 1160 Ry., dated the 21st September 1898, I am directed to forward herewith copy of a notice, dated the 24th October 1898, under clause 87 of the contract, dated the 24th November 1890, between the Secretary of State and the South Indian Railway Company, and to request that it may be served on the Agent of the Company.

ENCLOSURE.

To the South Indian Railway Company.

Whereas the District Board of Tanjore have accepted the agency of the South Indian Railway Company for the purpose of constructing an extension of the Mayavaram-Mutupet Railway to Avadaiyarkovil, I, Frederick Robert Upcott, Secretary to the Government of India in the Public Works Department, in pursuance of the authority given by clause 87 of the contract, dated the 24th of November 1890, made between the Secretary of State in Council of India of the one part and the South Indian Railway Company (Limited) of the other part, do hereby call upon you to carry out, at the cost of the District Board, Tanjore, a detailed survey of the proposed railway between Mutupet and Avadaiyarkovil and to prepare a complete project for the same.

Order—No. 1347 Ry., dated 1st November 1898.

The notice will be served on the Agent, South Indian Railway Company, for compliance with the orders of Government therein contained.

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways, Madras.
Dated—Trichinopoly, 4th November 1898, No. 992.

I have the honour to acknowledge the receipt of Madras Government Order, No. 1347 Ry., dated 1st November 1898, forwarding a notice from the Secretary to the Government of India in the Public Works Department calling upon this Administration to undertake a detailed survey of the proposed railway between Mutupet and Avadaiyarkovil as well as to prepare a project for the same; and to inform you that the notice is accepted, and the necessary arrangements will be made to carry out the survey and to prepare the project.

I shall be glad to know whether the District Board of Tanjore are prepared to at once place funds to meet the cost of the survey, an estimate of the cost of making which will be submitted to you as soon as possible.

Order—No. 1377 Ry., dated 8th November 1898.

The President, District Board, Tanjore, will be requested to report on para. 2 of the Agent's, South Indian Railway, letter read above. The Government of India will be addressed.

From—The Joint Secretary to the Government of Madras, P. W. Dept., Ry. Branch.
To—The Secretary to the Government of India, Public Works Department.
Dated—Madras, the 8th November 1898, No. 1378 Ry.

I am directed to state, for the information of the Government of India, that the Agent, South Indian Railway, has accepted the notice forwarded with your letter, No. 136 R.P., dated the 24th October 1898, and is making the necessary arrangements to carry out the survey and to prepare the project for the extension of the Mayavaram-Mutupet Railway to Avadaiyarkovil.

From—The Agent, South Indian Railway.

To—The Consulting Engineer for Railways, Madras.

Dated—Trichinopoly, 22nd November 1898, No. 1049.

With reference to the second paragraph of my letter, No. 992, dated 4th November 1898 (*vide* G.O., No. 1377 Ry. of 8th November 1898), I have the honour to forward an estimate, amounting to Rs. 21,464, for the cost of making a detailed survey of the Mutupet-Avadaiyarkovil extension of the Mayavaram-Mutupet Railway.

The Chief Engineer informs me that for the survey and the preparation of the project he will require one Executive Engineer with two Assistants, and that he will probably be able to start work about the end of December.

ENCLOSURE No. 1.

AVADAIYARKOVIL EXTENSION OF THE MAYAVARAM-MUTUPET RAILWAY.

Estimated Length, 51 miles.

ESTIMATE for the preliminary and working survey of the Adirampatnam-Avadaiyarkovil Extension and for the restaking out of the line already surveyed from Mutupet to Adirampatnam.

I. PRELIMINARY EXPENSES.				RS.	RS.
(a) <i>Survey Expenses.</i>					
Field work from Mutupet to Avadaiyarkovil				3,388	
Cartage, stationery, printing, &c.				1,750	
(b) <i>Plant.</i>					5,138
Tents				2,454	
Instruments				2,100	
(c) <i>Establishment.</i>					4,554
Salaries and allowances				..	11,772
Total Rs ..					21,464

Note.—It is anticipated that after completion of the work the tents will either be sold or taken back into the South Indian Railway stores account at 50 per cent. and the instruments at 75 per cent. of the issue price and that a credit of Rs. 2,802 will in consequence be afforded. Sanction is however requested to the gross amount, to prevent the work being treated as an objectionable item from the date the net amount of Rs. 18,662 is exceeded.

From—The President, District Board, Tanjore.

To—The Secretary to Government, Local and Municipal Department.

Dated—Camp Vallam, 24th November 1898, Dis. No. 1142/D.B.

With reference to Government endorsement No. 1271, dated 11th November 1898, I have the honour to invite attention to District Board's Resolution, No. 2, dated 28th May 1898 (copy enclosed), submitted with my letter, No. 564/D.B., dated 8th June 1898, from which it will be seen that the District Board has resolved to allot Rs. 5,000 for the purpose. On receipt of further information as to the approximate estimate of the cost of making the survey, I shall move the Board to allot any sum that may be required in excess.

2. The Agent, South Indian Railway, may therefore be informed that the District Board is prepared to at once place funds at his disposal.

Endt. of the Local and Municipal Department, No. 1329, dated 2nd December 1898.

Transferred to the Public Works Department.

ORDER—No. 1518 Ry., dated 9th December 1898.

The President, District Board, Tanjore, should place the Agent, South Indian Railway Company, in funds for the survey of the extension of the Mayavaram-Mutupet Railway to Avadaiyarkovil. It is noted that the cost of the survey has been estimated at Rs. 21,464, and that it is anticipated that on its completion credits amounting to Rs. 2,802 are likely to be realised. This estimate will require the Government of India's sanction, which will be applied for.

[Here enter No. 1519 Ry., dated 9th December 1898.]

(True Extract.)

J. Doyle
Under Secretary.

To the President, District Board, Tanjore.

„ Agent, South Indian Railway.

„ Revenue Department.

„ Local and Municipal Department. *with b.c.*

„ Financial Department.

„ Examiner, Guaranteed Railway Accounts.

„ Consulting Engineer for Railways.

Exd. A. Rungasawmy Aiyangar.

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When given for copying _____
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When examined _____
When signed _____

189 .

READ AGAIN G.O., No. _____, DATED
189 .

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL.

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