Public Works (1899) Department.

RAILWAY BRANCH.

G.O., No. 874. Ry

DATED 7th Augt 1899

Includes No. 702 Ry d/ 29/6/99
—— Do —— " 848 Ry " 2/8/99

~~No. 4~~ / 1 80/3

T. C. C

[Despatch Abstract.]

~~[illegible]~~

~~[illegible]~~ Narrow gauge feeder railway ~~[illegible]~~ from Kalikiri to Royachoti.

Comm: to the Agent, S.I.Ry, a letter from the Govt. of India sanctioning a grant of Rs 4000/- for preparing a project of a ——

P. W. No. 200—30-3-99.

Indexed.

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 (1899) of Madras.

PUBLIC WORKS.

Recd. } 1899. *Enclosures*
Regd. } *Spare copies*

G.O., No. 874 Ry., 7th August 1899.

AUGUST.

Narrow gauge feeder railway from Kalikiri to Rayachoti

Communicating to the Agent, South Indian Railway, a letter from the Government of India sanctioning a grant of Rs. 4,000 for preparing a project for a ——.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read again the following papers :—

From—The Consulting Engineer for Railways, Madras.
To—The Agent, South Indian Railway.
Dated—Ootacamund, 9th May 1899, No. 20/O.

Amongst six proposals put forward by the Madras Government a year ago for short 2-ft. feeder railways, to penetrate the interiors of selected famine tracts, the survey of two has been undertaken by the Madras Railway Company, and the Southern Mahratta Railway Company have been asked to survey three.

2. The remaining one, from Kalikiri to Rayachoti, 32 miles in length, would form a feeder to the South Indian Railway Campany, and I shall be glad if you can arrange to have a survey made for it, along the existing road as far as practicable. You should apply to me separately for detailed instructions when ready to begin, because it is for many reasons most desirable that the details of these 2-ft. lines should be uniform.

3. Judging from experience elsewhere, these 2-ft. railways ought not to cost more, if properly designed, than Rs. 22,000 to Rs. 25,000 per mile. Interest on the higher of these sums at 3 per cent. comes to less than Rs. 15 per week, and net earnings would cover this (even were working expenses to form 70 per cent. of gross earnings), if Rs. 50 per mile per week could be earned.

4. But money just now is worth less than 3 per cent. judging by the rate ($2\frac{1}{2}$ per cent.) at which some recent debentures have been placed ; and working expenses can, with care, be brought down perhaps to 60 per cent. of earnings, and on this basis a line costing Rs. 22,000 per mile need only earn Rs. 37 per mile per week to pay its way.

5. If you can arrange so that your permanent staff can do this petty survey, it ought not to cost much. You might submit an estimate.

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways, Ootacamund.
Dated—Trichinopoly, 22nd May 1899, No. 476.

With reference to your No. 20/O. of 9th instant, I have the honour to inform you that it is out of the question my being able to undertake the survey with the existing staff, either superior or subordinate, as the Engineering Department is at present short-handed. It will be necessary, therefore, for me to submit an estimate, and I shall be obliged by your informing me in what detail you wish the project submitted either as a " reconnaissance " or " detailed survey." A traverse of the road, with a line of levels along it with notes taken of the waterways, should not cost much.

From—The Consulting Engineer for Railways, Madras.
To—The Agent, South Indian Railway Company.
Dated—2nd June 1899, No. 73/O.

Your No. 476, dated 22nd May 1899. The sort of survey that is required from Kalikiri, 32 miles, to Rayachoti is one which will serve as a basis for a reliable estimate for a 2-ft. gauge line laid on the existing road so far as such laying is not precluded by the bad alignment of that road. Curves *may* be 100 feet radius if necessary, but should of course be 358 feet if obtainable at reasonable cost ; curves of larger radius than this are unnecessary. Grades must, if possible, be road grades, and such flatter grades as can be got without unreasonable expense.

2. Nothing whatever is at present known here about the road, so it is impossible to give detailed instructions, and it would be premature to lay out curves on the ground. Curves and the actual centre line can perfectly well be laid out when the time comes for construction.

3. Meanwhile a true traverse survey with levels and full particulars of existing waterways and of the sufficiency of existing bridges and culverts ought, it would seem, to be brought in by a smart man at the rate of a mile or two per day, so that a month in the field ought to suffice. The information so obtained ought to be such as to enable a reliable estimate to be framed. The preparation of the plans and estimate might apparently be completed in a second month.

4. Mr. Michell is now, I understand, engaging several men for the Travancore and Pamban branches, and it will, I presume, be easy to put one of them on to this job. I may be permitted to suggest that Mr. Marini would suit better than anyone else, because he has received a good training on work in Assam of precisely the character of that which I have in view.

5. By all means submit an estimate for the cost of the survey. I enclose a copy of a note * on the subject of "railed roads" of the sort I have in mind, from which you will doubtless be able to estimate the cost of such a line without going into too much detail, quite near enough for the purpose in view. I may inform you that 10 or 12 miles of rejected metre gauge pyngadu sleepers, quite good enough for a 2′ 6″ line now nearly completed, were recently bought in Burma at one rupee each and cost 2 annas each for delivery in Ganjam.

* My Assam note.
F. J. E. S.

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways, Ootacamund.
Dated—Trichinopoly, 22nd June 1899, No. 603.

With reference to your No. 73/O. of 2nd June 1899, I have the pleasure to submit an estimate, prepared by the Acting Chief Engineer, for a preliminary survey of the road from Kalikiri to Rayachoti, and for taking such levels and obtaining such information as will enable a reliable estimate being made for a light railway to be located on, or parallel to, the road. I have spoken to Mr. Michell about the loan of one of his men ; [illegible] may be able to spare Mr. Bond, but not Mr. Marini.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read again the following papers :—

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To—The Agent, South Indian Railway.
Dated—Ootacamund, 9th May 1899, No. 20/O.

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3. Judging from experience elsewhere, these 2-ft. railways ought not to cost more, if properly designed, than Rs. 22,000 to Rs. 25,000 per mile. Interest on the higher of these sums at 3 per cent. comes to less than Rs. 15 per week, and net earnings would cover this (even were working expenses to form 70 per cent. of gross earnings), if Rs. 50 per mile per week could be earned.

4. But money just now is worth less than 3 per cent. judging by the rate ($2\frac{1}{2}$ per cent.) at which some recent debentures have been placed ; and working expenses can, with care, be brought down perhaps to 60 per cent. of earnings, and on this basis a line costing Rs. 22,000 per mile need only earn Rs. 37 per mile per week to pay its way.

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2. Nothing whatever is at present known here about the road, so it is impossible to give detailed instructions, and it would be premature to lay out curves on the ground. Curves and the actual centre line can perfectly well be laid out when the time comes for construction.

3. Meanwhile a true traverse survey with levels and full particulars of existing waterways and of the sufficiency of existing bridges and culverts ought, it would seem, to be brought in by a smart man at the rate of a mile or two per day, so that a month in the field ought to suffice. The information so obtained ought to be such as to enable a reliable estimate to be framed. The preparation of the plans and estimate might apparently be completed in a second month.

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5. By all means submit an estimate for the cost of the survey. I enclose a copy of a note * on the subject of "railed roads" of the sort I have in mind, from which you will doubtless be able to estimate the cost of such a line without going into too much detail, quite near enough for the purpose in view. I may inform you that 10 or 12 miles of rejected metre gauge pyngadu sleepers, quite good enough for a 2′ 6″ line now nearly completed, were recently bought in Burma at one rupee each and cost 2 annas each for delivery in Ganjam.

* My Assam note.
F. J. E. S.

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways, Ootacamund.
Dated—Trichinopoly, 22nd June 1899, No. 603.

With reference to your No. 73/O. of 2nd June 1899, I have the pleasure to submit an estimate, prepared by the Acting Chief Engineer, for a preliminary survey of the road from Kalikiri to Rayachoti, and for taking such levels and obtaining such information as will enable a reliable estimate being made for a light railway to be located on, or parallel to, the road. I have spoken to Mr. Michell about the loan of one of his men ; [illegible] may be able to spare Mr. Bond, but not Mr. Marini.

ENCLOSURE.

SOUTH INDIAN RAILWAY COMPANY (LIMITED).

KALIKIRI-RAYACHOTI RAILWAY EXTENSION.

Estimated Length, 32 *miles.*

ESTIMATE for making a survey and section of the 2-ft. gauge branch feeder line from Kalikiri to Rayachoti.

I. Preliminary Expenses.	RS.	RS.	RS.
(*a*) *Survey Expenses*—			
Centre line pegs and fixing same, clearing jungle and other expenses in the field	..	600	
Cartage, stationery, printing project estimate and other contingent charges	..	600	
			1,200
(*b*) *Plant*—			
Tents—			
Swiss cottage tent with carpets, No. 1	430		
Campaign tent No. 1	120		
Pals No. 6 at Rs. 52-8-0	315		
Necessary tent No. 1	35		
	900		
Deduct—			
Credit on account of tents to be sold or taken back into South Indian Railway accounts at 75 per cent. of issue price ..	675		
		225	
Instruments—			
Theodolite No. 1	190		
Level No. 1	90		
Levelling staves No. 2	80		
Compass, prismatic, No. 1	50		
Box of instruments, mathematical, No. 1	50		
Straight edges, steel, No. 1	20		
Other items of plant, including furniture	320		
	800		
Deduct—			
Credit on account of instruments to be sold or taken back into South Indian Railway accounts after completion of work at 87½ per cent. of issue price	700		
		100	
			325
(*c*) *Establishment*—			
Salaries and Allowances—			
1 Assistant Engineer for 2½ months at Rs. 400 per mensem ..	..	1,000	
1 Surveyor for 2½ ,, at ,, 135 ,, ..	..	338	
1 Apothecary for 1½ ,, at ,, 50 ,, ..	..	75	
1 Clerk for 2½ ,, at ,, 40 ,, ..	..	100	
13 Lascars for varying periods at ,, 8 ,, ..	..	180	
Travelling and other allowances and expenses	..	282	
Head-quarters.			
2 Estimators for one month under Rs. 100	..	120	
1 Draftsman for ,, ,, ,, ...	..	40	
2 Tracers or clerks ,, ,, ,, ...	..	40	
			2,175
Grand Total ..	..	..	3,700

From—The Joint Secretary to the Government of Madras, P.W.D., Ry. Branch.
To—The Secretary to the Government of India, Public Works Department.
Dated—Ootacamund, 29th June 1899, No. 702 Ry.

I am directed to forward, with a recommendation that it be sanctioned, an estimate submitted by the Agent, South Indian Railway, amounting to Rs. 3,700, for preparing a project for a 2-ft. line from Kalikiri to Rayachoti. The line, which would be 32 miles long, is one of those recommended as famine lines in this Government's Revenue Department letter to the Government of India Revenue and Agricultural Department, No. 169 A, dated 22nd March 1898, of which a copy went to the Public Works Department with my letter No. 285 Ry., dated the 11th March 1899.

2. I am to request that if the estimate is sanctioned a grant for the survey may be allotted under "41. Miscellaneous Railway Expenditure", for the current year, as was done for the line referred to in your No. 630 R.C., dated the 13th April 1899, and as was asked for for the line referred to in my No. 621 Ry., dated the 31st May 1899.

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, 19th July 1899, No. 1388 R.C.

I am directed to acknowledge the receipt of your letter No. 702 Ry., dated the 29th June 1899, and in reply to communicate the sanction of the Government of India to the estimate therewith forwarded, amounting to Rs. 3,700, of the cost of preparing a project for a 2′ 6″ gauge line from Kalikiri to Rayachoti, a distance of 32 miles.

2. The sanction herein accorded is chargeable to the head "41. Miscellaneous Railway Expenditure" and has been registered as No. 8 Railway Surveys of 1899–900.

3. An allotment of funds to the extent of Rs. 4,000 will be made in a separate communication.

Order—No. 848 Ry., dated 2nd August 1899.

Communicated to the Agent, South Indian Railway.

Read also the following paper :—

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 July 1899, No. 220 A.R.

In continuation of Government of India, Public Works Department, letter No. 1388 R.C. of the 19th instant, I am directed to communicate the sanction of the Government of India to a grant of Rs. 4,000 under the head "41. Miscellaneous Railway Expenditure" to meet outlay to be incurred during the current financial year for preparing a project for a light railway from Kalikiri to Rayachoti.

ORDER—No. 874 Ry., dated 7th August 1899.

Communicated to the Agent, South Indian Railway, in continuation of G.O., No. 848 Ry., dated 2nd August 1899.

(True Extract.)

FRANCIS J. E. SPRING,
Joint Secretary.

To the Agent, South Indian Railway.
,, Examiner, Guaranteed Railway Accounts.
,, Consulting Engineer for Railways.

Exd. A. Rungasawmy Aiyangar.

Form No. 1.

No. 20/O

SERIAL No. 1.

18

~~Madras~~, Ooty the 9th May 1899.

From

THE CONSULTING ENGINEER FOR RAILWAYS,
MADRAS,

To

THE AGENT ~~AND MANAGER, M. RY.~~
,, ,, S. I. RY.
~~,, ,, H. H. THE N. G. S. RY.~~
~~,, ,, S. M. RY.~~
~~,, ENGR.-IN-CHIEF, B. M. RY.~~
~~,, MANAGER, E. C. RY.~~

Private

Reminders.

Reply No. ______
dated ______

SIR,

Amongst six proposals put forward by the Madras Govt. a year ago for about 2-ft. gauge railways, to penetrate the interior of selected famine tracts, the survey of two has been undertaken by the Madras Ry. Co. and the S.M.R. Co. have been asked to survey three.

2. The remaining one, from Kalikiri to Rayachoti, 32 miles in length, would form a feeder to the S.I.R. Co. and I should be glad if you can arrange to have a survey made for it, along the existing road as far as practicable. You should apply to me separately for detailed instructions when ready to begin, because it is for many reasons most desirable that the details of these 2 ft. lines should be uniform.

3. Judging from experience elsewhere, these 2-ft. railways ought not to cost more, if properly designed, than Rs 22,000 to Rs 25,000 per mile. Interest on the higher of these sums at 3% comes to less than Rs 15 per week, and net earnings would cover this (even were working expenses to form 70% of gross earnings), if Rs. 50 per mile per week could be earned.

4. But money just now is worth less than 3%, judging by the rate 2½%

at which some recent debentures have been placed; and working expenses can, with care, be brought down perhaps to 60 % of earnings, and on this basis a line costing Rs 22000 per mile need only earn Rs 37 per mile per week to pay its way.

5. If you can arrange so that your permanent staff can do this petty survey it ought not to cost much. You might submit an estimate.

I have &c

FWG

8/5/99

9.5.99

No. 476

South Indian Railway Co., Ld.,
AGENT'S OFFICE,

SERIAL
No. 2

28

TRICHINOPOLY, 22nd May 1899.

CERs Cr No 2723
29/5/99.

From

The AGENT,
SOUTH INDIAN RAILWAY,

To

The CONSULTING ENGINEER FOR RAILWAYS,
~~MADRAS.~~
Ootacamund

print

Sir,

With reference to your No. 20 of 9th instant I have the honor to inform you that it is out of the question my being able to undertake the survey with the existing Staff either Superior or Subordinate as the Engineering Department is at present Short handed. It will be necessary therefore, for me to submit an Estimate and I shall be obliged by your informing me in what detail you wish the project submitted either as a "Reconnaissance" or "Detailed Survey". A Traverse of the road, with a line of levels along it with notes taken of the waterways should not cost much.

I have the honor to be,
Sir,
Your Most Obedient Servant,
WH Spacdey
Ag: Agent

From
The Agent,
South Indian Railway,
Trichinopoly,
To
The Consulting Engineer for
Railways,
Madras.
Dated } 18
Received }
No.
Enclosure.

No. 73
O

SERIAL
No. 3

3 8

From The Con. Eng. for Rys

To The Agent S. I. R. C.

Print

Dated the 2nd June 1899

Sir,

Your No. 476. dated 22nd May 99.—

The sort of survey that is required from Kulitalai, 32 miles, to Royachoti is one which will serve as a basis for a reliable estimate for a 2-foot gauge line laid on the existing road so far as such laying is not precluded by the bad alignment of that road. Curves may be 100 ft radius if necessary, but should of course be 358 ft. if obtainable at reasonable cost. (Curves of larger radius than this are unnecessary) Grades must if possible be road grades and such flatter grades as can be got without unreasonable expense.

2.— Nothing whatever is at present known here about the road, so it is impossible to give detailed instructions, and it would be premature to lay out curves on the ground. Curves and actual centre line can perfectly well be laid out when the thing comes for construction.

3.— Meanwhile a true traverse survey with levels and full particulars of existing waterways and of the sufficiency of existing bridges and culverts ought, it would seem, to be brought in of a smart man at the rate of a mile or two per day. So that a month in the field ought to suffice. The information so obtained ought to be such as to enable a reliable estimate to be framed. The preparation of the plans and estimate might apparently be completed in a second month.

4. — Mr. Michell is now I understand engaged on several surveys for the Travancore and Pamban branches and it will I presume be easy to put one of them on to this job. I may be permitted to suggest that Mr. Marrie would suit better than anyone else, because he has received a good training on work in Burma of precisely the character of that which I have in view.

5. — By all means submit an estimate for the cost of the survey. I enclose a copy of a Note on the subject of "railed roads" of the sort I have in mind, from which you will doubtless be able to estimate the cost of such a line, without going into too much detail, quite near enough for the purpose in view. I may inform you that ten or twelve miles of rejected metre gauge pyingado sleepers, quite good enough for a 2' 6" line now nearly completed, were recently bought in Burma at one rupee each and cost 2 annas each for delivering in Rangoon.

My Burma Note
FKS

I have &

FKS
2/6/99

Enclo: one

Despatched on 2/6/99

1

5 Br

Print,

South Indian Railway Co. Ld.

Kalikiri Royachoti Railway Extension.

Estimated Length 32 miles.

Estimate for making a survey and section of the 2 feet gauge Branch feeder line from Kalikiri to Royachoti.

	Rs.	Rs	Rs
I. Preliminary Expenses.			
(a) Survey Expenses.			
Centre line pegs and fixing same clearing jungle and other expenses in the field		600	
Cartage, Stationery, Printing Project Estimate and other Contingent charges		600	
			1200
(b) Plant.			
Tents.			
Swiss cottage tent with carpets No. 1	430		
Campaign tent No. 1	120		
Palo No. 6 at Rs. 52/8/0	315		
Necessary tent No. 1	35		
	900		
Deduct.			
Credit on account of Tents to be sold or taken back into S. I. Railway Accounts at 75% of issue price	675		
		225	
Instruments.			
Theodolite No. 1	190		
Level No. 1	90		
Levelling staves No. 2.	80		
Compass Prismatic No. 1	50		
Box instrument Mathematical No. 1	50		
Edges straight steel No. 1	20		
Other items of Plant including furniture	320		
Carried over	800	225	1200

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I have &c
FRS
2/6/97

My [illegible] Note
FRS

Enclo: one

Despatched on 2/6/99

5 Bro

Print

South Indian Railway Co. Ld.

Kalikiri Royachoti Railway Extension.

Estimated Length 32 miles.

Estimate for making a survey and section of the 2 feet gauge Branch feeder line from Kalikiri to Royachoti.

	Rs.	Rs	Rs
I. Preliminary Expenses.			
(a) Survey Expenses.			
Centre line pegs and fixing same clearing jungle and other expenses in the field		600	
Cartage, Stationery, Printing Project Estimate and other Contingent charges		600	
			1200
(b) Plant.			
Tents.			
Swiss cottage tent with carpets No. 1	430		
Campaign tent No. 1	120		
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Box instrument Mathematical No. 1	50		
Edges straight steel No. 1	20		
Other items of Plant including furniture	320		
Carried over	800	225	1200

6 Br

	Rs	Rs	Rs
Plant continued.			
Instruments continued.			
Brought forward	800	225	1200
Deduct.			
Credit on account of instruments to be sold or taken back into S. I. Ry accounts after completion of work at 87½ % of issue price	700	100	
			325
(C) Establishment:			
Salaries and Allowances.			
1. Assistant Engineer for 2½ months at Rs 400 p. m.		1000	
1. Surveyor — for 2½ — do — " 135 — do		338	
1. Apothecary — for 1½ — do — " — 50 — do		75	
1. Clerk — for 2½ — do — " — 40 — do		100	
13. Lascars for varying periods — " — 8 — do		180	
Travelling and other allowances and expenses		282	
Head Quarters.			
2. Estimators for 1 month under Rs. 100 —		120	
1. Draftsman — do — do — do —		40	
2. Tracers or Clerks. do — do —		40	
			2175
Grand Total Rupees —			3700

Sd/ F. F. Smith,
Ag: Chief Engineer.

Chief Engr's Office
Trichinopoly
20th June 1899

Sd/ W. H. Spalding
Ag: Agent
22/6/99

Enclo:

Enclo: p

6 Br

	Rs	Rs	Rs
Plant continued.			
Instruments continued.			
Brought forward	800	225	1200
Deduct.			
Credit on account of instruments to be sold or taken back into S. I. Ry accounts after completion of work at 87½ % of issue price	700	100	
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Travelling and other allowances and expenses		282	
Head Quarters.			
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1. Draftsman do do do		40	
2. Tracers or Clerks do do		40	
			2175
Grand Total Rupees			3700

Sd/ F. F. Smith,
Ag: Chief Engineer.

Chief Engr's Office
Trichinopoly
20th June 1899

Sd/ W. H. Spalding
Ag: Agent
22/6/99

1/6/71

From
The Agent,
South Indian Railway,
Trichinopoly.

To
The Consulting Engineer for
Railways,
Madras.

Dated } 18
Received }

No.
Enclosure.

R. Form No. 12.

No. 702-Ry

Government of Madras.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

Print

7 P

It will suffice to print it in G.O. when the reply comes

To

The Secy. to the Govt. of India,
P. W. Department.

Ooty, the 29th June 1899.

Sir,

I am directed to forward, with a recommendation that it be sanctioned, an estimate submitted by the Agent S.I.Ry. amounting to Rs. 3700, for preparing a project for a 2-ft line from Kalikiri to Rayachoti. The line, which would be 32 miles long, is one of those recommended as Famine lines in this Govt's Rev. Dept. letter to the Govt of India Rev. and Agr. Dept. No. 169 dated 22nd March 1898, of which a copy went to the P.W. Dept. with my letter No. 285-Ry. dated the 11th March 1899.

2. I am to request that if the estimate is sanctioned a grant for the survey may be allotted under "41 Misc. Ry. Expenditure", for the current year, as was done for the line referred to in your No. 630-R.C. dated the 13th April 99. and as was asked for, for the line referred to in my No. 621-Ry. dated the 31st May 99

I have &c

27/6/99

Despatched on 29.6.99

Documents accomp:
Estimate referred to.

Public Works (1899) Department.

Railway
CURRENT No. 972

Print

Read.

Letter to A, No. 20/0 dated 9.5.99.
" from " No. 476 " 22.5.99.
" to " No. 73/0 " 2.6.99.
" from " " 603 " 22.6.99.
" to the Govt. of India No. 702 Ry
dated 29.6.99.
" from " No. 1388 RC
dated 19.7.99

From The Govt. of India

9P
Order – No. 848 Ry dated 2/8/99
Communicated to
the Agent S. I. Railway.

JWS
1/8/99

31.7.99
R

No. 1388 R-c

Dated 19th July 1899
Received 27th do
Registered do
Enclosures
Spare copies

To A ✓
ER ✓ Know. In-d
ER ✓

Despatched on 2/8/99

SUBJECT.

Feeder line from Kalikiri to Rayachoti – Sanctioning an estimate of Rs 3700 chargeable to the head "41 Miscellaneous Railway Expenditure" for preparing a project for a 2 ft 6 inches gauge

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

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8 P

All communications should be addressed to the Secretary.

No. 1388 R.C.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY CONSTRUCTION.

Print

JOINT SECRETARY TO GOVT. OF MADRAS RYS.
RECEIVED
27 JUL. 1899

To

The Joint Secretary to the Government of Madras,
Public Works Department, Railway Branch.

Simla, the 19th July 1899.

Sir,

I am directed to acknowledge the receipt of your letter No. 702 Railway., dated the 29th June 1899 and in reply to communicate the sanction of the Government of India to the estimate therewith forwarded amounting to Rs. 3,700 of the cost of preparing a project for a 2 feet 6 inches gauge line from Kalikiri to Royachoti, a distance of 32 miles.

2. The sanction herein accorded is chargeable to the head "41 Miscellaneous Railway Expenditure" and has been registered as No. 8 Railway Surveys of 1899-1900.

3. An allotment of funds to the extent of Rs. 4,000 will be made in a separate communication.

I have the honour to be,
Sir,
Your most obedient servant,

C. J. Cole

Under Secretary.

Documents accompanying :-
Nil.

S.s.S.

Public Works (1899) Department.

A/A

Railway
CURRENT No. 986.

Read Print

S.G. No 848 Ry dated 2/8/99.

11 P

From Govt of India

No. 220. A. R

Dated 24th July, 99

Received 31/7/99

Registered 1/8/99

Enclosures

Spare copies

Order No. 874. Ry dated 7/8/99.

Communicated to the agent, S. I Ry in continuation of G.O. No 848 Ry of 2/8/99.

5.8.99 R.

SUBJECT.

Light Railway from Kalikeri to Royacholi

Sanctioning a grant of Rs 4000/ for preparing a project for a ———

Despatched on 7/8/99

Ac dft 8/9/99

To

The agent, S. I Ry ✓
" Examiner, S.I Ry accounts ✓
" Cons. Engr. for Rys. ✓ } thro Mo

accompanying. Ist 24
-nil-

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

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31 JUL. 1899
MADRAS.

All communications should be addressed to the Secretary.

No. 220 A.R.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.
Railway.

Print

To.

The joint Secretary to the Government of Madras
Public Works Department.
Railway Branch.

10P

Simla, the 24th July 1899.

Sir,

In continuation of Government of India, Public Works Department, letter no. 1388 R.C. N of the 19th instant, I am directed to communicate the sanction of the Government of India to a grant of Rupees 4000/- under the head "41. Miscellaneous Railway Expenditure" to meet outlay to be incurred during the current financial year for preparing a project for a light railway from Kalikiri to Royachoti.

I have the honour to be,
Sir,
Your most obedient servant.
A W Burn
Under Secretary to the Govt. of India

ocument accompanying. -nil-

Hett 24.7.99.

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

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31 JUL. 1899
MADRAS.

All communications should be addressed to the Secretary.

No. 220 A.R.

Print

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
ACCOUNT.
Railway.

To,

The Joint Secretary to the Government of Madras
Public Works Department.
Railway Branch.

10P

Simla, the 24th July 1899.

Sir,

In continuation of Government of India, Public Works Department, letter No. 1388 R.C. of the 19th instant, I am directed to communicate the sanction of the Government of India to a grant of Rupees 4,000/- under the head "41- Miscellaneous Railway Expenditure" to meet outlay to be incurred during the current financial year for preparing a project for a light railway from Kalikiri to Royachoti.

I have the honour to be,
Sir,
Your most obedient servant.
R.W. Burn

Under Secretary to the Govt. of Ind

ocument accompanying.
-nil-

H.H. 24.7.99.

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