Urgent

Public Works (1898) Department.

Railway Branch

G.O., No. 1576-77 Ry

DATED 28 Dec 98

Proof 100/3/20/36/1 docket at back

[Despatch Abstract.]

Revised & Budget Estimates,
Madura - Paumban Railway.

Ordered that the Preliminary Issue of the — (Nos. ~~&~~ 1 & 2) for the years 1898-99 & 1899-1900 with a note thereon by the Exr., Ed. Ry Accts., Madras, be forwarded to the Govt. of India

Forwarding the Preliminary Issue of the — (Nos 1 & 2) for the years 1898-99 & 1899-1900, with a note thereon by the Exr., Ed. Ry Accts, Madras.

P.W. 23.
1,500-30-11-96

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.
—	96 Ry	—	21-1-99.				

RAILWAY.

Government (1898) of Madras.
PUBLIC WORKS.

Recd. } 1898.
Regd.

Enclosures
Spare copies

Letter, No. 1577 Ry., 28th December 1898.

DECEMBER.

Revised and Budget Estimates, Madura-Pamban Railway Survey

Forwarding the Preliminary Issue of the — (Nos. 1 and 2) for the years 1898-99 and 1899-1900, with a note thereon by the Examiner, Guaranteed Railway Accounts, Madras.

PUBLIC WORKS DEPARTMENT.

Railway.

Letter—from

Francis J. E. Spring, Esq., C.I.E.,
Joint Secretary to the Government of Madras,
Public Works Department,
Railway Branch,

To

The SECRETARY to the GOVERNMENT of INDIA,
Public Works Department.

Sir,

I am directed to forward, herewith, the Preliminary Issue of the Revised and Budget Estimates of the Madura-Pamban Railway Survey (Nos. 1 and 2) for the years 1898-99 and 1899-1900, with a note thereon by the Examiner, Guaranteed Railway Accounts, Madras.

I have the honour to be,
Sir,
Your most obedient servant,
Francis J. E. Spring,
Joint Secretary.

Fort St. George,
28th December 1898.

Exd. Shaik Karim.

RAILWAY.

Government (1898) of Madras.

PUBLIC WORKS.

Recd. } 1898. *Enclosures*
Regd. } *Spare copies*

G.O., No. 1576 Ry., 28th December 1898.

DECEMBER.

Revised and Budget Estimates, Madura-Pamban Railway Survey

Ordered that the Preliminary Issue of the — (Nos. 1 and 2) for the years 1898–99 and 1899–1900, with a note thereon by the Examiner, Guaranteed Railway Accounts, Madras, be forwarded to the Government of India.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper :—

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways, Madras.
Dated—Trichinopoly, 15th December 1898, No. 1131.

ORDER—No. 1576 Ry., dated 28th December 1898.

Ordered that the Preliminary Issue of the Revised and Budget Estimates of the Madura-Pamban Railway Survey (Nos. 1 and 2) for the years 1898–99 and 1899–1900, with a note thereon by the Examiner, Guaranteed Railway Accounts, Madras, be forwarded to the Government of India.

[Here enter No. 1577 Ry., dated 28th December 1898.]

(True Extract.)

FRANCIS J. E. SPRING,
Joint Secretary.

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

Exd. Shaik Karim.

PRELIMINARY ISSUE.

MADURA-PAMBAN RAILWAY SURVEY NO. 1.

(FROM MADURA TO PARAMAGUDI WITH A BRANCH
FROM SEMBARAYENDAL TO SIVAGANGA.)

41. MISCELLANEOUS RAILWAY EXPENDITURE.

IMPERIAL.

REVISED ESTIMATE FOR 1898-99

AND

BUDGET ESTIMATE FOR 1899-1900.

MADURA-PAMBAN RAILWAY SURVEY NO. 1.

(Madura to Paramagudi with a branch from Sembarayendal to Sivaganga.)

Main and sub-heads of accounts.	Sanctioned estimate.	Actual expenditure incurred to end of 1896–97.	Actual expenditure incurred during 1897–98.	Budget estimate for 1898–99.	Revised estimate for 1898–99.	Budget estimate for 1899–1900.
	RS.	RS.	RS.	RS.	RS.	RS.
I. Preliminary Expenses.						
Survey expenses	16,731	..	..	..	11,900	5,100
Plant						
Establishment, including salaries, allowances and contingencies						
Total ..	16,731	..	..	..	11,900	5,100

T. V. ANNASWAMI,
for Chief Auditor.

TRICHINOPOLY,
15th December 1898.

W. H. SPALDING,
for Engineer-in-Chief,
Madura-Pamban and Tinnevelly-Quilon Rys.

A. D. G. SHELLEY, Captain, R.E.,
Agent, South Indian Railway.

H. BUTTERFIELD,
Accountant in charge,
Office of Dy. Exr., Ry. Accounts.

PRELIMINARY ISSUE.

MADURA-PAMBAN RAILWAY SURVEY NO. 2.

(FROM PARAMAGUDI TO TONI-TORAI.)

41. MISCELLANEOUS RAILWAY EXPENDITURE.

IMPERIAL.

REVISED ESTIMATE FOR 1898-99

AND

BUDGET ESTIMATE FOR 1899-1900.

MADURA-PAMBAN RAILWAY SURVEY NO. 2.

(From Paramagudi to Toni-Torai.)

Main and sub-heads of accounts.	Sanctioned estimate.	Actual expenditure incurred to end of 1896–97.	Actual expenditure incurred during 1897–98.	Budget estimate for 1898–99.	Revised estimate for 1898–99.	Budget estimate for 1899–1900.
	RS.	RS.	RS.	RS.	RS.	RS.
I. Preliminary Expenses.						
Survey expenses	10,961	..	..	..	9,000	1,000
Plant						
Establishment, including salaries, allowances and contingencies						
Total ..	10,961	..	..	..	9,000	1,000

T. V. ANNASWAMI,
for Chief Auditor.

TRICHINOPOLY,
15th December 1898.

W. H. SPALDING,
for Engineer-in-Chief,
Madura-Pamban and Tinnevelly-Quilon Rys.

A. D. G. SHELLEY, Captain, R.E.,
Agent, South Indian Railway.

H. BUTTERFIELD,
Accountant in charge,
Office of Dy. Exr., Ry. Accounts.

Note by the Examiner, Guaranteed Railway Accounts, Madras, on the Madura-Pamban Railway Survey Revised and Budget Estimates for 1898–99 and 1899–1900.

In Government of India letter No. 1587 R.C., dated 22nd October 1898, the following estimates were sanctioned in connection with the proposed line from Madura to Pamban:—

	RS.
(1) Survey and staking out section from Madura to Paramagudi with a branch from Sembarayendal to Sivaganga	16,731
(2) Staking out centre line from Paramagudi to Toni-Torai ...	10,961

and grants of Rs. 17,000 and 10,000, respectively, were made for expenditure during the current year.

2. It is, however, not expected that the surveys can be completed this year, but as this will take place during the ensuing year, the following grants are proposed:—

—	1898–99.	1899–1900.	Total.
	RS.	RS.	RS.
Survey No. 1	11,900	5,100	17,000
Do. No. 2	9,000	1,000	10,000

E. A. WALLER, Major, R.E.,
Exr., Guaranteed Railway Accounts, Madras.

17th December 1898.

RAILWAY.

Government (1898) of Madras.

PUBLIC WORKS.

Recd. } 1898. Enclosures
Regd. } Spare copies

G.O., No. 1349 Ry., 2nd November 1898.

NOVEMBER.

Madura-Pamban Railway

Communicating to the Agent, South Indian Railway, letter from the Government of India sanctioning the estimates of the cost of surveying and staking out the section of the — from Madura to Paramagudi and the branch line from Sembarayendal to Sivaganga, and for staking out the centre line of the section from Paramagudi to Toni Torai, and allotting funds for the works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read again the following papers :—

G.O., Nos. $\frac{529}{A.}$, 530 R., dated 5th August 1897.
" " 968-69 Ry., dated 28th July 1898.

G.O., No. 1184 Ry., dated 28th September 1898.

Read—the following papers :—

From—The Joint Secretary to the Government of Madras, P.W. Dept., Ry. Branch.
To—The Secretary to the Government of India, Public Works Dept., Simla.
Dated—Ootacamund, 6th August 1898, No. 1004 Ry.

In continuation of my No. 969 Ry., dated the 28th July 1898, I am directed to forward a copy of Agent's (South Indian Railway) letter No. 726, dated the 4th August 1898, to the Consulting Engineer for Railways, Madras, submitting an estimate amounting to Rs. 27,692 for surveying and staking out the South Vaigai alignment of the Madura-Pamban route, as well as the branch to Sivaganga. I am instructed to recommend that the estimate be sanctioned, and to express a hope that it may be found possible to allot sufficient funds for the purpose, in order that once the necessary financial arrangements for the construction of the line have been completed there may be no delay in starting work.

Enclosure No. 1.

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways, Ootacamund.
Dated—Trichinopoly, 4th August 1898, No. 726.

With reference to paragraph 3 of G.O. No. 968 Ry., dated 28th July 1898, I have the honour to forward for information an estimate, amounting to Rs. 27,692, of the cost of staking out the South Vaigai route for the Madura-Pamban Railway, and surveying the branch from Mutanandal to Sivaganga.

Enclosure No. 2.

South Indian Railway Company (Limited).

Madura-Pamban Railway.

South Vaigai Route and Branch from Mutanandal to Sivaganga.

Estimated length, 102 miles.

Estimate of Working Survey.

Survey Expenses.	RS.	RS.	RS.
Centre line pegs, centre line stones, bench marks, fixing ditto, and lookspitting 102 miles	..	..	7,000
Plant.			
Tents—			
2 Subaltern tents at Rs. 400	800		
6 Hill tents at Rs. 200	1,200		
10 Servants' pals at Rs. 60	600		
2 Necessary tents at Rs. 50	100		
	2,700		
Less 50 per cent. on value of stores returned ..	1,350		
		1,350	
Instruments.			
4 Theodolites at Rs. 600	2,400		
4 Levels at Rs. 400	1,600		
8 Levelling staves at Rs. 50	400		
6 Sets scales at Rs. 10	60		
72 Ranging rods at Rs. 3	216		
8 Measuring chains at Rs. 10	80		
Other items of plant	3,000		
	7,756		
Less 50 per cent. on value of stores returned ..	3,878		
		3,878	
Establishment.			5,228
1 Engineer at Rs. 700 × 4		2,800	
1 Engineer at Rs. 500 × 4		2,000	
2 Surveyors at Rs. 200 × 2 × 4		1,600	
4 Surveyors at Rs. 150 × 4 × 4		2,400	
2 Clerks at Rs. 40 + 30 = 70 × 4		280	
2 Draftsmen at Rs. 40 × 2 × 4		320	
2 Apothecaries at Rs. 50 × 2 × 4		400	
52 Lascars at Rs. 8 × 52 × 4		1,664	
Travelling allowances, Rs. 500 × 4		2,000	
Sundries		2,000	
			15,464
		Total ..	27,692

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, 17th September 1898, No. 1356 R.C.

I am directed to acknowledge the receipt of your letter No. 969 Ry., dated the 28th July 1898, communicating the conclusion arrived at by His Excellency the Governor in Council in regard to the alignment to be adopted for the projected Madura-Pamban Railway, and expressing a hope that it may be found possible to permit the South Indian Railway Company to directly finance the line on the South Vaigai alignment with the branch from Mutanandal to Sivaganga, and that pending the completion of the arrangements for financing the line, the Government of India may allot funds sufficient to allow of the very early prosecution of the work.

2. In reply I am directed to state that the Government of India are prepared to sanction a survey on the right bank of the Vaigai from Madura to Paramagudi with a branch to Sivaganga, and that a revised estimate should be prepared for surveying that portion and submitted for sanction. As it appears that the Government of Madras have altered their views as to the alignment of the Madura-Paramagudi section, the Government of India will reserve their decision in regard to the alternative routes until the estimates and plans are before them.

3. With reference to paragraphs 7 and 8 of your letter in regard to the financing of the line and the allotment of funds sufficient to allow of the very early prosecution of the work, I am to say that the Government of India have decided that the line shall be made as an integral part of the South Indian Railway, and that when the line, in respect to which the Government of India take a direct liability, receives the sanction of the Secretary of State, his Lordship will be requested to call on the South Indian Railway Company to undertake its construction. It is hoped that it will be possible to arrange for the work in 1899–1900.

Telegram—From the Joint Secretary to the Govt. of Madras, P.W. Dept., Ry. Branch.
To—The Secretary to the Government of India, Public Works Department.
Dated—25th September 1898.

Your 1356 R.C. September 17th. Please see my 1004 Ry. August 6th and wire whether you will sanction that estimate. Agent can then be ordered survey to Paramagudi only for the present; the remainder must be re-staked out later after lapse of so many years when construction is sanctioned.

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways, Ootacamund.
Dated—Trichinopoly, 26th September 1898, No. 892.

With reference to your D.O. letter, dated 25th September 1898, I have the honour to forward estimates amounting to Rs. 27,692 for—

(1) surveying and staking out the line from Madura to Paramagudi, and the branch from Sembarayendal to Sivaganga, Rs. 16,731;
(2) staking out the line from Paramagudi to Toni Torai, Rs. 10,961.

2. These two works have been separately dealt with, except as regards the abstract in which they are combined—an arrangement which will, I trust, meet your requirements.

Order—No. 1184 Ry., dated 28th 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, Simla.
Dated—Ootacamund, 28th September 1898, No. 1185 Ry.

With reference to my telegram, dated the 25th September 1898, I am directed to forward a copy of a letter from the Agent, South Indian Railway, No. 892, dated the 26th September 1898, giving cover to an estimate prepared in substitution for, but equal in total amount to, that which was submitted for sanction with my letter No. 1004 Ry., dated the 6th August 1898. In this revised estimate the cost of the survey of the Madura-Paramagudi section and of the Sivaganga branch are shown separately from that of re-staking out the Paramagudi-Toni Torai section, and I am to express the hope that they may be sanctioned, either separately or jointly, and that an allotment of funds sufficient to allow of the survey being completed during the current financial year may be made as early as practicable.

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, 22nd October 1898, No. 1587 R.C.

With reference to correspondence ending with your letter, No. 1185 Ry., dated the 28th September 1898, I am directed to communicate the sanction of the Government of India to the estimate, amounting to Rs. 16,731, forwarded therewith, of the cost of surveying and staking out the section of the Madura-Pamban Railway from Madura to Paramagudi and the branch line from Sembarayendal to Sivaganga.

2. In regard to an allotment of funds, I am to say that a sum of Rs. 17,000 for this survey will be given under the head "41. Miscellaneous railway expenditure."

3. I am also to say that a further grant of Rs. 10,000 from the same head will be given for the purpose of staking out the centre line of the section from Paramagudi to Toni Torai, the estimate for which, amounting to Rs. 10,961, is hereby sanctioned.

4. The sanction herein accorded has been registered as No. 2 Railway Surveys of 1898–99.

ORDER—No. 1349 Ry., dated 2nd November 1898.

Communicated to the Agent, South Indian Railway.

(True Extract.)

FRANCIS J. E. SPRING,
Joint Secretary.

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

Exd. T. K. Narayana Aiyangar.

8.0. Ew 1349 Ry
24/11/98

TELEPHONE.

From ~~A~~ R
To A
Dated 24-11-98 Time

Please wire urgent figures for the current and ensuing years for the Madura Paumben Railway Survey

for E R
24.11.98.

Despd 2-55
24/11.

24/11.15

REPLY.

AR
Please say if this may again [illegible] if the information is not recd in today's dak.
24/11.98

From
To
Dated Time

Thro RK

~~AR~~
~~This information required for the Financial Dept. It has already been asked for.~~
~~24/11-98~~

RK Please [illegible] the Dept [illegible]
Reg A

5566.
28. 11. 98.

South Indian Railway Co., Ld. G. 7. B.

Service Telegram.

Local Pro. No. 05

Received from Station TMR

From Signaller

At Hours 19 Minutes 23

By Signaller

Date 16/11/98

Received at Hr. Mts.

Sent to Station

To Signaller

At Hrs. Mts.

By Signaller Ub

Date

Signaller in Charge.
Station

Treasy Ucl

From the agent — Consulting Engineer

Shall require for Madura Pamban Rs 35000: this + Rs 40600 next official year

TELEPHONE.

From ER
To A
Dated 28-11-98 Time 4-20 Despatched

Your wire 26th India sanctioned 27,000 for Madura Pamban Railway Survey vide G.O. No. 1349 Ry of 2nd Nov × Please wire figures for the current and next offl years for survey work only and not for Construction which has not yet been sanctioned.

flag R

for ER
28-11-98.

28.11.98

REPLY.

From
To
Dated Time

AR

This telephone message may again sent to day if the information is not recd in today's dak.

30/11-98

Thro' RK

No. 1068

South Indian Railway Co., Ld.,
AGENT'S OFFICE,
TRICHINOPOLY, 28th November 1898.

CONSULTING ENGINEER FOR RAILWAYS
RECEIVED
29 NOV 1898
MADRAS

5601.
29-11-98

From
The AGENT,
SOUTH INDIAN RAILWAY,

To
The CONSULTING ENGINEER FOR RAILWAYS,
MADRAS.

Sir,

I have the honor to acknowledge the receipt and confirm the despatch of the following telegrams:—

(1) Received on the 24th November 1898.
"Please wire urgent figures for the
"current and ensuing years for the
"Madura Pamban Railway Survey".

(2) Replied on the 26th November 1898.
"Shall require for Madura-Pamban
"Rs 35,000 this and Rs 40,60,000 next
"official year."

I have the honor to be
Sir
Your most obedient Servant
A. L. G. Shelley
Captain R. E.
Agent.

File

for ER

No. 1077 ~~1077~~ Urgent

South Indian Railway Co., Ld.,
AGENT'S OFFICE,
TRICHINOPOLY, 29th November 1898.

5631.
30-11-98.

CONSULTING ENGINEER FOR RAILWAYS
RECEIVED
30 NOV. 1898
MADRAS.

From

The AGENT,
SOUTH INDIAN RAILWAY,

To

The CONSULTING ENGINEER FOR RAILWAYS,
MADRAS.

Sir,

In reply to your telegram of yesterday, I have the honor to give below a forecast of the expenditure on Surveying operations only for the Madura-Pambam Railway:—

1898-'99	Rs 20,000.
1899-1900.	" 7,000.

I have the honor to be,
Sir,
Your Most Obedient Servant,
W. Le Mesurier
for Agent.

SR

From
The Agent,
South Indian Railway,
Trichinopoly,

To
The Consulting Engineer for
Railways,
Madras.

Dated } 18
Received }

No.

Enclosure.

From
THE AGENT,
South Indian Railway,
Trichinopoly,

To
THE CONSULTING ENGINEER FOR
RAILWAYS,
Madras.

Dated } 18
Received } No.

ENCLOSURE.

1877

Preliminary Issue

Madura Pamban Railway Survey
(Madura – Paramagudi section with branch etc)
41. Miscellaneous Railway Expenditure
Imperial

Revised Estimate for 1898-99
and
Budget Estimate for 1899-1900.

Madura Pamban Railway Survey

Main and Sub heads of Account	Sanctioned estimate	Actual expenditure incurred to end of 1896-97	Actual expenditure incurred during 1897-98	Budget Estimate for 1898-99	Revised Estimate for 1898-99	Budget Estimate for 1899-1900
	Rs	Rs	Rs	Rs	Rs	Rs
I Preliminary Expenses						
Survey expenses						
Plant	x 27000 16731	"	"	"	20,000	7000
Establishment including salaries, allowances & contingencies						
Total	27,000	"	"	"	20,000	7,000

x Sanctioned by the Govt of India in their letter No 1587 R.C. dated 22nd October 1898.

Form No. 83.

300—30-6-98.

RAILWAY ACCOUNTS, MADRAS.
596
5-DEC-1898

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,
Madras, 5th December 1898.

No 3335

OFFICE NOTE.

~~Letter from the Agent,~~ Preliminary copies of the revised & budget estimate of the Madura Pamban Railway, No Survey, ~~dated~~ for the years 1898-99 - 1899-1900 forwarded to the Examiner of Railway Accounts, for favor of check.

FJS
5/12/98
for E. R.

EXAMINER'S REPLY.

E. R.

The Govt of India having sanctioned separate estimates for two sections of the Madura Pamban Survey & promised distinct grants for each, one budget estimate should be prepared for the Madura Paramagudi Section, with the branch from Sembarayendal to Sivaganga, and one for the Paramagudi-Toni Torai Section, and the Agent should be asked to state what funds are required for each during this

d

6/12/98
4.35 p.m.

No. 3357
7.12.98.

Copy forwarded to A with reference to his letter No. 1077 of 29-11-98 with the request that 2 separate budgets may be prepared & furnished to this office not later than the 12th inst.

FJS
7/12/98
for ER.

Despatched on 7.12.98

7/12/98

7.12.98

and the succeeding year.

EWaller

C. R.
6.12.98.

URGENT.

No. 1131

South Indian Railway Co., Ld.,
AGENT'S OFFICE,
TRICHINOPOLY, 15th December 1898.

Quote

5911
16/12/98

CONSULTING ENGINEER FOR RAILWAYS
RECEIVED
16 DEC. 1898
MADRAS.

From
The AGENT,
SOUTH INDIAN RAILWAY,

To
The CONSULTING ENGINEER FOR RAILWAYS,
MADRAS.

Sir,

In Compliance with the request Contained in your endorsement No 3357 of the 7th December 1898, I have the honor to forward the Preliminary Issue of the Capital Budget for the Madura-Paramagudi, and Paramagudi-Toni Torai, Sections of the Madura-Pamban Railway Survey.

I have the honor to be,
Sir,
Your most Obedient Svt.

A. W. G. Stallery
Captn: R.E.
Agent.

2 Enclosures.

From
The Agent,
South Indian Railway,
Trichinopoly,
To
The Consulting Engineer for Railways,
Madras.

Dated } No. 18
Received }

Enclosure.

Preliminary Issue

CAPITAL BUDGET ESTIMATE—WORKS

PUBLIC WORKS DEPARTMENT.

Railway Revenue Account

~~Capital Expenditure on Public Works not charged against Revenue.~~

41.– Miscellaneous Railway Expenditure

~~48.–STATE RAILWAYS CONSTRUCTION.~~

REVISED AND BUDGET ESTIMATES
OF
Survey ~~CONSTRUCTION~~ WORKS
ON THE
Paramagudy to Toni-Torai, of the Madura-Pamben Railway.
~~SOUTH INDIAN STATE RAILWAY~~
FOR
1898 - 99 AND 1899 -1900.

MEMORANDUM.

	1899-1900 Rs.
GRANT proposed ~~SANCTIONED IN PUBLIC WORKS DEPARTMENT RESOLUTION NO. DATED~~	1,000
PROGRAMME proposed ~~APPROVED~~—	
CASH OUTLAY	1,000
VALUE OF STORES TO BE DRAWN FROM STOCK	0
TOTAL ...	1,000

Capital Revised and Budget Estimates of Survey Construction Works on the Madura-Pamben South Indian State Railway for 1898-99 and 1899-1900.

General Abstract. for Paramagudy-Toni Torai Section

Main heads of Expenditure.	1 Actuals to end of 1897-98	2 Budget Grant, 1898-99	3 Revised Estimate, 1898-99 Cash.	 Stores.	 Total.	4 Budget Estimate, 1899-1900 Cash.	 Stores.	 Total.	5 Total probable outlay to end of 1899-1900 (Columns 1, 3 and 4.)	6 Required for lines under construction only. Remaining to be spent in future years.	7 Sanctioned estimate.
Works and Services.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Preliminary Expenses	"	"	9,000	"	9,000	1,000	"	1,000	10,000	"	10961
II.—Land	"	"	"	"	"	"	"	"	"	"	"
III.—Formation	"	"	"	"	"	"	"	"	"	"	"
IV.—Bridge-work	"	"	"	"	"	"	"	"	"	"	"
V.—Fencing	"	"	"	"	"	"	"	"	"	"	"
VI.—Electric Telegraph	"	"	"	"	"	"	"	"	"	"	"
VII.—Ballast and Permanent-way	"	"	"	"	"	"	"	"	"	"	"
VIII.—Stations and Buildings	"	"	"	"	"	"	"	"	"	"	"
Total Construction Accounts ...	"	"	9,000	"	9,000	1,000	"	1,000	10,000	"	10,961
IX.—Plant	"	"	"	"	"	"	"	"	"	"	"
X.—Ferries, &c.	"	"	"	"	"	"	"	"	"	"	"
XI.—Rolling stock	"	"	"	"	"	"	"	"	"	"	"
XII.—General charges	"	"	"	"	"	"	"	"	"	"	"
Total Expenditure on Final Heads ...	"	"	9,000	"	9,000	1,000	"	1,000	10,000	"	10,961
Purchase of Line	"	"	"	"	"	"	"	"	"	"	"
Overdrawn Capital	"	"	"	"	"	"	"	"	"	"	"
Loss by Exchange	"	"	"	"	"	"	"	"	"	"	"
Miscellaneous advances	"	"	"	"	"	"	"	"	"	"	"
Total ...	"	"	9,000	"	9,000	1,000	"	1,000	10,000	"	10,961
Deduct—Receipts on Capital Account ..	"	"	"	"	"	"	"	"	"	"	"
Cash and stores taken over from Company on purchase of line...	"	"	"	"	"	"	"	"	"	"	"
Grand Total, Works and Services ...	"	"	9,000	"	9,000	1,000	"	1,000	10,000	"	10,961

Trichinopoly,

Dated 15th December 1898.

W H Spalding
for Engineer-in-chief
M. P & T. Q. Railways.

(By order)
R. Balachandra
for Accountant in charge
Office of Dy Examiner of Ry. Accounts,
Trichinopoly.

S V Annaswami
for Chief Auditor,
S. I. Ry.

Agent,
South Indian State Railway.

Abstract of General Charges for 1899-1900.

Sub-Heads of Establishment.	Revised Estimate, 1898-99	Budget Estimate, 1899-1900	Distribution. Capital. 1898-99	 1899-1900	 Revenue. 1898-99	 1899-1900
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Direction or General						
Engineering						
Stores						
Audit and Accounts...			NiL			
Medical and Sanitation						
Locomotive						
Traffic						
Total ...	"	"	"	"	"	"

W H Spalding
for Engineer-in-Chief,
M. P & T. Q. Railways.

(By order)
R. Balachandra
for Accountant in charge
Office of Dy Examiner of Ry. Accounts,
Trichinopoly.

S V Annaswami
for Chief Auditor,
S. I. Ry.

A. B. G. Shelley
Capt R.E.
Agent,
S. I. Ry.

Preliminary Issue

CAPITAL BUDGET ESTIMATE—WORKS

PUBLIC WORKS DEPARTMENT.

Railway Revenue Account

~~Capital Expenditure on Public Works not charged against Revenue.~~

41.- Miscellaneous Railway Expenditure

~~48.-STATE RAILWAYS-CONSTRUCTION.~~

REVISED AND BUDGET ESTIMATES

OF

Survey ~~CONSTRUCTION~~ WORKS

~~ON THE~~ Paramagudy-Souri-Torai of the Madura-Pamban Railway.

~~SOUTH INDIAN STATE RAILWAY~~

FOR

1898-99 AND 1899-1900.

MEMORANDUM.

	1899-1900
	Rs.
GRANT Proposed ~~SANCTIONED IN PUBLIC WORKS DEPARTMENT~~ ~~RESOLUTION NO. DATED~~	1,000
PROGRAMME proposed ~~APPROVED~~	
CASH OUTLAY	1,000
VALUE OF STORES TO BE DRAWN FROM STOCK	0
TOTAL ...	1,000

Capital Revised and Budget Estimates of ~~Construction~~ Survey Works on the ~~South Indian State~~ Madura-Pamben Railway for 1898-99 and 1899-1900.

General Abstract. for Parmagudy-Toni Torai Section.

Main	1	2	3			4			5	6	7
	Actuals to end of 1897-98	Budget Grant, 1898-99	Revised Estimate, 1898-99			Budget Estimate, 1899-1900			Total probable outlay to end of 1899-1900 (Columns 1, 3 and 4.)	Required for lines under construction only.	
			Cash.	Stores.	Total.	Cash.	Stores.	Total.		Remaining to be spent in future years.	Sanctioned estimate.
Works and Services.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Preliminary Expenses	"	"	9,000	"	9,000	1,000	"	1,000	10000	"	10961
II.—Land	"	"	"	"	"	"	"	"	"	"	"
III.—Formation	"	"	"	"	"	"	"	"	"	"	"
IV.—Bridge-work	"	"	"	"	"	"	"	"	"	"	"
V.—Fencing	"	"	"	"	"	"	"	"	"	"	"
VI.—Electric Telegraph	"	"	"	"	"	"	"	"	"	"	"
VII.—Ballast and Permanent-way ...	"	"	"	"	"	"	"	"	"	"	"
VIII.—Stations and Buildings	"	"	"	"	"	"	"	"	"	"	"
Total Construction Accounts ...	"	"	9,000	"	9,000	1,000	"	1,000	10,000	"	10961
IX.—Plant	"	"	"	"	"	"	"	"	"	"	"
X.—Ferries, &c.	"	"	"	"	"	"	"	"	"	"	"
XI.—Rolling stock	"	"	"	"	"	"	"	"	"	"	"
XII.—General charges	"	"	"	"	"	"	"	"	"	"	"
Total Expenditure on Final Heads ...	"	"	9,000	"	9000	1,000	"	1,000	10000	"	10961
Purchase of Line	"	"	"	"	"	"	"	"	"	"	"
Overdrawn Capital	"	"	"	"	"	"	"	"	"	"	"
Loss by Exchange	"	"	"	"	"	"	"	"	"	"	"
Miscellaneous advances	"	"	"	"	"	"	"	"	"	"	"
Total ...	"	"	9000	"	9000	1000	"	1,000	10000	"	10961
Deduct—Receipts on Capital Account ..	"	"	"	"	"	"	"	"	"	"	"
Cash and stores taken over from Company on purchase of line...	"	"	"	"	"	"	"	"	"	"	"
Grand Total, Works and Services ...	"	"	9,000	"	9,000	1,000	"	1,000	10,000	"	10961

W H Spalding
for Engineer-in-chief
M. P. & T. Q. Railways.

Trichinopoly,
Dated 15th December 1898.

(By order) [illegible]
for Accountant in charge
Dy Examiner of Ry. Accounts, Offg,
Trichinopoly.

S. V. Annaswami
for Chief Auditor,
S. I. Ry.

Agent,
South Indian State Railway.

Abstract of General Charges for 1899-1900.

Sub-Heads of Establishment.	Revised Estimate, 1898-99	Budget Estimate, 1899-1900	Distribution.			
			Capital.		Revenue.	
			1898-99.	1899-1900.	1898-99.	1899-1900.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Direction or General						
Engineering						
Stores						
Audit and Accounts...			Nil			
Medical and Sanitation						
Locomotive						
Traffic						
Total ...	..	..	..	..	"	"

W H Spalding
for Engineer-in-chief,
M. P. & T. Q. Railways.

(By order) [illegible]
for Accountant in charge
Office of Dy Examiner of Ry. Accounts,
Trichinopoly.

S. V. Annaswami
for Chief Auditor,
S. I. Ry.

A. D. G. Shelley
Capt RE
Agent,
S. I. Ry.

Preliminary Issue

CAPITAL BUDGET ESTIMATE—WORKS

PUBLIC WORKS DEPARTMENT.

Capital ~~Expenditure on Public Works not charged against Revenue.~~

Railway Revenue Account

~~48.—STATE RAILWAYS—CONSTRUCTION.~~

41 Miscellaneous Railway Expenditure

REVISED AND BUDGET ESTIMATES

OF

Survey ~~CONSTRUCTION~~ WORKS

ON THE

Madura-Paramgudi Section with branch from

~~SOUTH INDIAN STATE RAILWAY~~

Sembarayendal to Sivagunga

~~FOR~~ of the

Madura Pamban Railway

1898-99 AND for 1899-1900

MEMORANDUM.

	1899-1900 Rs.
Grant ~~sanctioned in Public Works Department~~ proposed Resolution No. dated	5100
Programme ~~approved~~ proposed	
Cash outlay	Rs 5100
Value of stores to be drawn from stock	"
Total ...	5100

Capital Revised and Budget Estimates of ~~Construction~~ Survey Works on the ~~South Indian State~~ Madura Paumban Railway for 1898-99 and 1899-1900

General Abstract. for Madura Paramgudi Section and Sivaganga Branch

Main heads of Expenditure.	1 Actuals to end of 1897-98	2 Budget Grant, 1898-99	3 Revised Estimate, 1898-99 Cash.	 Stores	 Total.	4 Budget Estimate, 1899-1900 Cash.	 Stores.	 Total.	5 Total probable outlay to end of 1899-1900 (Columns 1, 3 and 4.)	6 Required for lines under construction only. Remaining to be spent in future years.	7 Sanctioned estimate.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Works and Services.											
I.—Preliminary Expenses	"	"	11,900	"	11,900	5100	"	5100	17,000	"	16,731
II.—Land	"	"	"	"	"	"	"	"	"	"	"
III.—Formation	"	"	"	"	"	"	"	"	"	"	"
IV.—Bridge-work	"	"	"	"	"	"	"	"	"	"	"
V.—Fencing	"	"	"	"	"	"	"	"	"	"	"
VI.—Electric Telegraph	"	"	"	"	"	"	"	"	"	"	"
VII.—Ballast and Permanent-way ...	"	"	"	"	"	"	"	"	"	"	"
VIII.—Stations and Buildings	"	"									
Total Construction Accounts ...	"	"	11900		11900	5100	"	5100	17000	"	16,731
IX.—Plant	.	.	.	.	.	.	.	.	.	"	"
X.—Ferries, &c.	.	.	.	.	.	.	.	.	.	"	"
XI.—Rolling stock	.	.	.	.	.	.	.	.	.	"	"
XII.—General charges	.	.	.	.	.	.	.	.	.	"	"
Total Expenditure on Final Heads ...	"	"	11900	"	11900	5100	"	5100	17000	"	16,731
Purchase of Line	"	"	"	"	"	"	"	"	"	"	"
Overdrawn Capital	"	"	"	"	"	"	"	"	"	"	"
Loss by Exchange	"	"	"	"	"	"	"	"	"	"	"
Miscellaneous advances	"	"	"	"	"	"	"	"	"	"	"
Total ...	"	"	11,900	"	11900	5100	"	5100	17,000	"	16,731
Deduct—Receipts on Capital Account ..	"	"	"	"	"	"	"		"	"	"
Cash and stores taken over from Company on purchase of line...	"	"	"	"	"	"	"	"	"	"	"
Grand Total, Works and Services ...	"	"	11900	"	11900	5100	.	5100	17000	"	16731

Trichinopoly,
Dated 15th December 1898.

W H Spalding
Engineer in chief
M. P. + T. S. Railways.

(By order)
R. B. Balachandr[illegible]
for Accountant in charge
Office of Dy Examiner of Ry. Accounts,
Trichinopoly.

T. V. Annaswami
for Chief Auditor,
S. I. Ry.

Agent,
South Indian State Railway.

Abstract of General Charges for 1899 - 1900

Sub-Heads of Establishment.	Revised Estimate, 1898 - 1899	Budget Estimate, 1899 - 1900	Distribution. Capital. 1898 - 1899	 1899 - 1900	 Revenue. 1898 - 1899	 1899 - 1900
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Direction or General						
Engineering						
Stores						
Audit and Accounts...	—— Nil ——					
Medical and Sanitation						
Locomotive						
Traffic						
Total ...	.	.	.	.	.	

W H Spalding
for Engineer in chief
M. P. + T. S. Rys.

(By order)
R. B. Balachandr[illegible]
for Accountant in charge
Office of Dy Examiner, Ry accounts
Trichinopoly.

T. V. Annaswami
for Chief Auditor
S. I. Ry

A. D. G. Shelley
Capt R.E.
Agent
S. I. Ry

Preliminary Issue.

CAPITAL BUDGET ESTIMATE—WORKS

PUBLIC WORKS DEPARTMENT.

~~Capital Expenditure on Public Works not charged against Revenue.~~
Railway Revenue Account

~~48.—STATE RAILWAYS—CONSTRUCTION.~~
41. Miscellaneous Railway Expenditure

REVISED AND BUDGET ESTIMATES
OF
Survey
~~CONSTRUCTION~~ WORKS
ON THE
Madura-Paramagudi Section with branch from
~~SOUTH INDIAN STATE RAILWAY~~
Sembarayendal to Sivaganga
~~FOR~~ of the
Madura Pamban Railway
for
1898 - 1899 AND 1899 - 1900

MEMORANDUM.

	Rs. 1899-1900
GRANT proposed ~~SANCTIONED IN PUBLIC WORKS DEPARTMENT~~ ~~RESOLUTION NO.~~ DATED	5,100
PROGRAMME ~~APPROVED~~—proposed	
CASH OUTLAY	Rs 5100
VALUE OF STORES TO BE DRAWN FROM STOCK	" "
TOTAL ...	5100

Capital Revised and Budget Estimates of ~~Construction~~ Survey Works on the ~~South Indian State~~ Madura Pamban Railway for 1898-99 and 1899-1900

General Abstract. for Madura Paramagudi Section and Sivagunga Branch.

Main heads of Expenditure.	1 Actuals to end of 1897-98	2 Budget Grant, 1898-99	3 Revised Estimate, 1898-1899 Cash.	 Stores.	 Total.	4 Budget Estimate, 1899-1900 Cash.	 Stores.	 Total.	5 Total probable outlay to end of 1899-1900 (Columns 1, 3 and 4.)	6 Required for lines under construction only. Remaining to be spent in future years.	7 Sanctioned estimate.
Works and Services.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Preliminary Expenses ...	-	-	11,900	-	11900	5100	-	5100	17000	-	16731
II.—Land ...	-	-	-	-	-	-	-	-	-	-	-
III.—Formation ...	-	-	-	-	-	-	-	-	-	-	-
IV.—Bridge-work ...	-	-	-	-	-	-	-	-	-	-	-
V.—Fencing ...	-	-	-	-	-	-	-	-	-	-	-
VI.—Electric Telegraph ...	-	-	-	-	-	-	-	-	-	-	-
VII.—Ballast and Permanent-way ...	-	-	-	-	-	-	-	-	-	-	-
VIII.—Stations and Buildings ...	-	-	-	-	-	-	-	-	-	-	-
Total Construction Accounts ...	-	-	11900	-	11,900	5100	-	5100	17000	-	16731
IX.—Plant ...	-	-	-	-	-	-	-	-	-	-	-
X.—Ferries, &c. ...	-	-	-	-	-	-	-	-	-	-	-
XI.—Rolling stock ...	-	-	-	-	-	-	-	-	-	-	-
XII.—General charges ...	-	-	-	-	-	-	-	-	-	-	-
Total Expenditure on Final Heads ...	-	-	11900	-	11900	5100	-	5100	17000	-	16731
Purchase of Line ...	-	-	-	-	-	-	-	-	-	-	-
Overdrawn Capital ...	-	-	-	-	-	-	-	-	-	-	-
Loss by Exchange ...	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous advances ...	-	-	-	-	-	-	-	-	-	-	-
Total ...	-	-	11900	-	11900	5100	-	5100	17000	-	16731
Deduct—Receipts on Capital Account ...	-	-	-	-	-	-	-	-	-	-	-
Cash and stores taken over from Company on purchase of line...	-	-	-	-	-	-	-	-	-	-	-
Grand Total, Works and Services ...	-	-	11900	-	11900	5100	-	5100	17000	-	16731

Trichinopoly,

Dated 15th December 1898

M H Spalding
for Engineer in chief
M. S. & T. I. Rys.

(By order)
N. Balachandran
for Accountant in charge
Office of Dy Examiner of Ry. Accounts,
Trichinopoly.

T. V. Annaswami
for Chief Auditor,
S. I. Ry.

Agent,
South Indian State Railway.

Abstract of General Charges for 1899 — 1900

Sub-Heads of Establishment.	Revised Estimate, 1898 — 1899	Budget Estimate, 1899 — 1900	Distribution. Capital. 1898 — 1899	 1899 — 1900	 Revenue. 1898 — 1899	 1899 — 1900
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Direction or General ...	-	-	-	-	-	-
Engineering ...	-	-	-	-	-	-
Stores ...	-	-	-	-	-	-
Audit and Accounts...	-	-	Nil	-	-	-
Medical and Sanitation ...	-	-	-	-	-	-
Locomotive ...	-	-	-	-	-	-
Traffic ...	-	-	-	-	-	-
Total ...						

M H Spalding
for Engineer in chief
M. S. & T. I. Rys.

(By order)
N. Balachandran
for Accountant in charge
Office of Dy Examiner Ry accounts
Trichinopoly

T. V. Annaswami
for Chief Auditor
S. I. Ry

A. W. G. Shelley
Capt RE
Agent
S. I. Ry

ENCL No. 2 TO E. R's. C. No. 5911 OF 1898
LETTER No. 1131 D 15/12/98
A.

Print 6 Copies

Preliminary Issue

~~Survey No 1.~~

Madura - Pamban Railway Survey No 1
(From Madura to Paramagudi with
a branch from Sembarayendal
to Sivaganga.)

41. Miscellaneous Railway Expenditure
Imperial

Revised Estimate for 1898-99
and
Budget Estimate for 1899-1900

---

6 Septr

Madura Pamban Railway Survey No 1.
(Madura to Paramagudi with a branch from Semburayendal to Sivaganga)

Main and Subheads of accounts	Sanctioned Estimate	Actual expenditure incurred to end of 1896-97	Actual expenditure incurred during 1897-98	Budget Estimate for 1898-99	Revised Estimate for 1898-99	Budget Estimate for 1899-1900
	Rs.	Rs	Rs	Rs	Rs	Rs
I Preliminary Expenses						
Survey Expenses Plant Establishment including Salaries allowances and Contingencies	16,731	"	"	"	11,900	5100
Total	16,731	"	"	"	11,900	5100

Trichinopoly
15th Decr 1898

(Sd) W. H. Spalding
for Engr-in-charge M P & T Rys

(Sd) T. V. Annamanai
for Chief Auditor

H. Butterfield
Acctt in charge
Office of Dy Examiner Rly Accts

(Sd) A D G. Shelley
Capt RE
Agent S.I.R.

7 Spents

Print

Preliminary Issue

~~Survey~~ No 2

Madura Pamban Railway Survey No 2
(From Paramagudi to Poni-Porai)
41. Miscellaneous Railway Expenditure
Imperial

Revised Estimate for 1898-99
and
Budget Estimate for 1899-1900.

8 Separate

Madura Pamban Railway Survey No. 2
(from Paramagudi to Poni Torai)

Main and Sub heads of Accounts	Sanctioned Estimate	Actual Expenditure incurred to end of 1896-97	Actual expenditure incurred during 1897-98	Budget Estimate for 1898-99	Revised Estimate for 1898-1899	Budget Estimate for 1899-1900
	Rs	Rs	Rs	Rs	Rs	Rs
I. Preliminary Expenses						
Survey Expenses	10961	"	"	"	9,000	1,000
Plant						
Establishment including salaries allowances and Contingencies						
Total	10961	"	"	"	9000	1,000

Trichinopoly.
15th Decr 1898.

(Sd) W. H. Spalding
for Engr-in-chief
M P & T. Ry

(Sd) T. V. Annaswami
for Chief Auditor

(Sd) H. Butterfield
Accountant in Charge
Office of Dy Examiner Ry Accts

(Sd) A D G Shelley
Capt. R.E.
Agent S.I.R.

m No. 33.

300—30-6-98.

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, 16th December 1898.

EXAMINER, RAILWAY ACCOUNTS, MADRAS.
Regr. No. 626
16 DEC 1898

W 16/12/98

No. 3479.

OFFICE NOTE.

p.a. for 17/12

Letter from the Agent, South Indian Railway, No 1131, dated 15th December 1898, forwarded to the Examiner of Railway Accounts for favor of remarks.

for E. R.
16.12.98.

EXAMINER'S REPLY.

E.R.

Please see note attached.

EWallace

C R
17.12.98.

2

Print Railway

E P Separate

Note by the Examiner, Guaranteed Railway accounts, Madras, on the Madura-Pamban Survey Revised and Budget Estimates for 1898-99 and 1899-1900.

---

1. In Government of India letter No. 1587.R.C., dated 22nd. October 1898, the following estimates were sanctioned in connection with the proposed line from Madura to Pamban:-

1. Survey and staking out section from Madura to Paramagudi with a branch from Sembarayendal to Sivaganga —— Rs. 16.731
2. Staking out centre line from Paramagudi to Toni-Torai —— Rs 10.961

and grants of Rs 17.000 and 10.000 respectively were made for expenditure during the current year.

2. It is, however, not expected that the Surveys can be completed this year, but as this will take place during the ensuing year the following grants are proposed:—

	1898-99.	1899-1900	Total
Survey No. 1.	Rs 11.900.	5.100.	17.000
Survey No. 2	" 9.000	1.000	10.000

Edwards

C.R.

Major R.E.

17.12.98.

Exr. Gtd. Ry. Accts, Madras

Form No. 1.

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

Papers to be read in Proceedings:—

Again G.O., dated 189 , No.

Again G.O., dated 189 , No.

EP. Current No. 5911 of 1898, dated 16-12-98, from A

" " " 189 , " , "

" " " 189 , " , "

21

1576 Ry of 28/12/98

ORDER.

Ordered that the Preliminary specs of the revised and budget estimates of the Madura Paumban Railway Survey (Nos 1 & 2) for the years 1898-99 and 1899-1900 with a letter thereon by the Examiner, Gtd Railway Accounts, Madras, be forwarded to the Govt of India.

W. S. No 1577 Ry of 28th Dec 1898

To

The Secretary

to the Govt of India P.W.D.

Sir,

I am directed to forward herewith, the Preliminary spec of the revised and budget estimates of the ~~Madura~~ Madura

To The Agent S. I. R.

" Examiner, Gtd Ry Acct, Madras

" Cons. Engr for Rys.

8 P Letter [illegible]

Despatched on 9/1/99

Madura Pamban Railway Survey (No 1 + 2) for the years 1898-99 and 1899-1900 with a note thereon by the Examiner, Gd Railway Accounts, Madras

JHd
DR
17.12.98.

Wd