All communications should be addressed to the Secretary.

No. 244 G.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

GENERAL.

To

The Secretary to the Government

Public Works Dept

Calcutta, the 29th January

Sir,

In reply to your telegram dated 17th December 1889, I am directed to inform that, the services of Mr. R. Livewright have placed at the disposal of Messrs Octavius and Company for the Doars Tramway from the December 1889, and that he is therefore not available for the East Coast Survey.

I have the honour to be
Sir,
your most obedient Servant

G. H. Walker

Under Secretary to the Government

Document accompanying ditto.

4887.

very urgent.

Govt of India } Madras.

PUBLIC WORKS.

Special

Dated 19-5-90

Recd. Encl.

G.O., 18th May 1890 No. 653/4th

Madras Railway.

Order that the Limit Rate of the Bridge Estimate of the — for 1890-91 be reported to the Govt of India.

Madras Railway.

Forty: the Limit Rate of the Bridge Estimate of the — for 1890-91.

A

No 653-54 Rg 13° May/90

accompanying.

A

No. 653 R

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 13th May/90 -

again
READ the following

Print

Progs: of the Madras Govt. } No. No. 482/B R dated 9 April 90
P. W. Department

Read also the following: -

Print

Endorsement from the Consulting Engineer for Rys } No. No. 330 of 9th May 1890

Ordered to be for-
warded to the Govt: of India
with reference to para 21 of
its Resolution No: 76/R.O. A. R.
dated 26th March 1890. -

HS 13 May

No. 654 R of 13th May 1890

Forwarded

12.5.90 W for R.

Desp despatched to India with copy of Budget Estimate 12/5/90.

To The Consg. Engr for Rys
" Evr Gl Rybeeds:

12/5/90

Form No. 3.

Fr. Proc. No. 482/B R dated 9.4.90
" " 311 R " 28.2.90
" " 27-28 R " 10.1.90
" " 433 R " 17.4.89

P.W.C. No. 4387

From

THE CONSULTING ENGINEER
FOR RAILWAYS,
MADRAS,

No. 330

Dated 9th } May 1890
Received 9th }

No. OF ENCLOSURES. 1 (In Duplicate)

Subject.

Final Issue of Budget Estimate 1890-91, Madras Railways. - Submitted for transmission to the Govt. of India.

P

O
9/5
Secy. 12/5/90. R 13.5.90

Read also the following letters:—

Form No. 1.

PUBLIC WORKS DEPARTMENT.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,

Madras, 9th May 1890.

Print

Final Issue of Budget Estimate 1890-91 of Madras Railway.

Statement

No. 330

~~SUBMITTED.~~

30 P Print

Submitted to Government for transmission to the government of India, with reference to para 21 of its resolution No. 76/B.6 A—R, dated 26th March 1890, embodied in Proceedings of Government No. 482/B R, dated 9th April 1890.

Sidney Smith
Major R.E.
Dy Consg: Engr for Rys

Ind

2. Attention is directed to para 21 of the Resolution.

Recd
14-4-90
W
for R

B
No. 482/B R dt 9th april 1890

2o
The Consg: Engr for Rys
4- Engr & Rybcol.

9/4

Dft 14/4

Secy. 14.4.90. R 15.4.90

B

No 482/B R

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 9th April 1890

READ again the following

Progs: of the Madras Govt: P.W. Dept: — } No. 27-28 R dy 10 January 1890

Telegram from the Govt: of Madras — dy 25th Feby 1890

— Do — to — do — dy 26th do —

— Do — from — do — dy 27th do —

2 Do — from — do —

Progs: of the Madras Govt: P.W. Dept: — } No 311-12 R dy 28th do —

Read also the Minute

Resolution by the Govt. of India P.W. Dept: — } No: 76/B.O. A.R dy 26th March 1890

Communicated to the Consulting Engineer for Railways with reference to his endorsements Nos 17 and 143 dated 10th January and 27th February 1890.

298 Jdl 15/4/90

2

21. The final issue of these estimates should be prepared and submitted so as to reach the Government of India not later than the 1st May 1890.

ORDER.—Ordered, that a copy of the above be forwarded to the Government of Madras, Public Works Department, for information and guidance, with the request that 35* printed copies of the final issue of the estimates, as now passed, may be submitted in the usual course.

* 10 copies to Simla and the remainder to Calcutta.

A. Rogers Colonel, R.E.,

for Secretary to the Govt. of India.

No 311 Rd/28-2-90

27-28 Rd/10-1-90

Government of India, Central Printing Office.—No. 1677 P. W. D.—28-3-90.—100.

O

11-4-90

and cotton. Judging from the present state of traffic, the Government of India considers that the earnings during the current year will probably reach Rs. 92,00,000, and accepts the estimate for this sum.

15. The Revised Estimate of working expenses was at first submitted for Rs. 52 lakhs, but the estimate was subsequently increased to Rs. 54 lakhs. Judging from the latest returns of expenditure, it does not appear probable that the total revenue withdrawals will exceed Rs. 57,50,000, and as the Suspense withdrawals are estimated at Rs. 6,00,000, the Revised Estimate of working expenses is passed for Rs. 51,50,000.

16. The estimates of Suspense receipts and expenses are accepted by the Government of India for the amounts finally recommended in each case, *viz.*, Rs. 6,00,000.

Budget Estimate, 1890-91.

17. The Budget Estimate of Administrative earnings for 1890-91 was at first submitted for Rs. 90 lakhs, or Rs. 1,50,000 below the figures proposed as the Revised Estimate of the current year, but on a reference from the Government of India the estimate has been increased to Rs. 92 lakhs. Considering the growth of traffic on this line, the Government of India accepts the estimate for Rs. 92,50,000.

18. The Budget Estimate of working expenses as at first submitted amounted to Rs. 55 lakhs, or Rs. 3 lakhs in excess of the amount first proposed for the Revised Estimate of the current year. But on a reference from the Government of India the estimate was subsequently reduced to Rs. 54 lakhs. The estimate provides for the renewal of eight engines during the year, but it is doubtful if the engines will be received in time to be erected and placed on the line during the year. Judging from the transactions during the current year, which also include a special charge of about Rs. 2,00,000 in connection with the Calicut Extension, the Government of India considers that the estimate may be reduced to Rs. 51,50,000 and the estimate is accordingly passed for this reduced amount.

19. The estimates of Suspense receipts and expenses are passed for Rs. 6,00,000 in each case, the amount adopted as the Revised Estimate of the current year.

20. The Revenue Estimates, as passed by the Government of India, will stand as under:—

	Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	Rs.	Rs.	Rs.
RECEIPTS—			
Administrative	85,00,000	92,00,000	92,50,000
Suspense	6,25,000	6,00,000	6,00,000
Financial	91,25,000	98,00,000	98,50,000
WITHDRAWALS—			
Administrative	51,00,000	51,50,000	51,50,000
Suspense	6,25,000	6,00,000	6,00,000
Financial	57,25,000	57,50,000	57,50,000
NET RECEIPTS—			
Administrative	34,00,000	40,50,000	41,00,000
Suspense	...	...	...
Financial	34,00,000	40,50,000	41,00,000

5. The provision for sanctioned works in the Engineering Department is accepted, in round figures, for Rs. 2,77,000. As regards unsanctioned works, the Government of India is of opinion that a sum of Rs. 2,50,000 should suffice on this account. The provision of Rs. 20,000 for emergent works appears unnecessary in view of the provision of Rs. 2,50,000 for unsanctioned works. If more money is needed for additional works hereafter, an application for an additional grant will receive consideration.

6. The demand for sanctioned works in the Carriage and Wagon Department is passed for Rs. 32,000; and the demand for unsanctioned works for Rs. 10,000.

7. The provision for Miscellaneous is accepted for the amount recommended by the Government of Madras, *viz.*, Rs. 5,000.

8. The Government of India considers that the provision for Stores is excessive, and that it should be reduced to Rs. 13,76,000.

9. The estimate of Indian outlay, as modified above, will stand at Rs. 19,50,000.

10. The Budget Estimate of Capital receipts is accepted for the amount finally proposed, *viz.*, Rs. 23,00,000.

11. The outlay in England during 1890-91 is placed at £178,000, or Rs. 19,42,000, in round figures, being the final estimate of payments received from the India Office.

12. The Capital estimates, as passed by the Government of India, will stand as under:—

	Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	Rs.	Rs.	Rs.
Outlay in India	20,00,000	19,50,000	19,50,000
	22,00,000	23,75,000	23,00,000
Refunds to Treasury	2,00,000	4,25,000	3,50,000
Net Receipts in India	11,24,000	16,10,000	19,42,000
Outlay in England	9,24,000	11,85,000	15,92,000
Net Outlay			

13. The Capital Account of the Company will probably stand as under:—

Actuals.	Estimate.						Total Estimated Outlay to end of 1890-91.	Total estimated subscribed Capital to end of 1890-91.
	1888-89.			1890-91.				
Capital withdrawn to end of 1888-89.	England.	India.	Total.	England	India.	Total.		
Rs. A. P.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
11,58,44,930 11 2	16,10,000	—4,25,000	11,85,000	19,42,000	—3,50,000	15,92,000	11,86,21,930	11,85,78,000

REVENUE.

Revised Estimate, 1889-90.

14. The final Revised Estimate of the Administrative earnings is submitted for Rs. 91,50,000 against a Budget Estimate of Rs. 85,00,000. The increase is attributed to the steady development of the 3rd class passenger traffic, to increased receipts for haulage of railway material, and to heavy traffic in grain

No. $\frac{76}{\text{B. O.}}$ A.—R.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.

Railway.

Calcutta, the 26th March 1890.

MADRAS RAILWAY.

Revised Estimate for 1889-90, with Budget Estimate for 1890-91.

Read again—

Public Works Department Resolution No. $\frac{85}{\text{B. O.}}$ A.—R., dated 30th March 1889.

Read also—

Letter No. 28, dated 10th January 1890, from the Government of Madras.
Letter No. 129 A.—R., dated 12th February 1890, to the Government of Madras.
Telegram, dated 25th February 1890, from the Government of Madras.
Telegrams, „ 26th „ „ to the „ „
Telegrams, „ 27th „ „ from the „ „
Letter No. 312 R., dated 28th February 1890, from „ „

CAPITAL.

REVISED ESTIMATE, 1889-90.

RESOLUTION.—The Revised Estimate of Capital outlay during the current official year is proposed for Rs. 20,00,000, the amount passed in Budget Orders. Judging from the latest return of expenditure to hand, the Government of India considers that the outlay is not likely to exceed Rs. 19,50,000, and accepts the estimate for this amount.

2. The Revised Estimate of Capital receipts was at first submitted for Rs. 22,25,000, but was subsequently raised to Rs. 24,25,000, the increase being due to the adjustment of the share of expenditure on the Calicut Extension chargeable to Revenue. Considering the transactions recorded up to date, the Government of India accepts the estimate for Rs. 23,75,000.

3. The expenditure in England during the current year is placed at £147,600 or, in round figures, Rs. 16,10,000, being the amount of the Revised Estimate received from the India Office.

BUDGET ESTIMATE, 1890-91.

4. The Government of Madras recommends that the Budget Estimate of Capital outlay during the ensuing official year be accepted for the following amounts—

	Rs.
Engineering Department—	
Sanctioned Works	2,76,871
Unsanctioned Works	3,87,518
Emergent Works	20,000
Carriage and Wagon Department—	
Sanctioned Works	31,550
Unsanctioned Works	10,000
General—	
Stores	14,12,800
Miscellaneous	5,000
Total	21,43,739

Form No. 3.

No. 311 R dy 28th Feby: 1890

Ordered to be forwarded to the Govt of India with reference to its letter No 129 A. R dated 12th February 1890 & in continuation of P. W. D. telegram dated 27th Feby: 1890

H. E. No 312 R dy 28th Feby 1890.

Forwarded.

C.S. 27.2.90 R.

Manuscript copy desp. to Govt 28-2-90

P W C No. 2194.

From

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS,

No. 143

Dated 27th Feby: 1890

Received 4-3-90.

No. OF ENCLOSURES.

Subject.

Submitting letter from the Agent & Manager M. Ry forwarding certain documents relative to the figures recommended for final adoption in the Budget Estimates for the financial years 1889-90 & 1890-91.

H. M. 28-2-90. R. 3-3-90

FORM No. 1.

PUBLIC WORKS DEPARTMENT.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,

Madras, 27th February 1890.

Letter from the Agent and Manager,

Madras Railway No. 6628/222 dated 25th February

1890, with Enclosures.

Note by the Examiner of Railway accounts No. 43 dated 27th Febry. 1890

SUBMITTED _____ to _____ Government,

with reference to No. 883C dated

17th February 1890 (herewith _____

returned)

C. Lisnitch Col. R.E.

Consg: Engr: for Rys

Pub Encl
219/90

the Board's Estimate referred to in India's letter No 129 A.R. dated 12th February 1890 viz: Rs 16.15.000 instead of Rs 20.75.000 provided in the Budget Estimate.

F. Morison

Examiner Railway Accounts,
Madras.

Madras,
27th February 1890.

H

referred under Capital payments, that is, the debit to Revenue to this extent by credit to Capital on account of the reallocation of the estimate for the Beypore Calicut Extension, as this transfer is to be adjusted during the current year.

This figure may therefore be approved.

Suspense - This will be 6 lakhs.

Total Financial - - - - - 60 lakhs

Revenue Expenditure 1890-91.

Administrative - This is placed by the Railways Company at 54 Lakhs the same as the figures now proposed for 1889-90, and for the present may be accepted - It appears a high estimate; but, there will be heavy special Revenue Expenditure owing to the reconstruction of the Papagni bridge, and provision is made for the cost of 8 engines being replaced during the year.

Suspense may be placed at 6 lakhs.

Total Financial - - - - - Rs 60 lakhs.

Capital Expenditure in England

1889-90.

This may be placed at the figure in the revised Estimate viz: Rs 15.00.000 in round numbers.

1890-91.

For the present it will be sufficient to accept

the

Office Note to the Consulting Engineer for Rys, Madras
for
Reply to India's letter No 129/AR dated 12th February
1890, regarding Madras Railway Revised Budget
for 1889-90 and Budget Estimate for 1890-91.

The following are the final figures recommended for adoption -

	Revised Estimate 1889-90 Rs.	Budget Estimate 1890-91 Rs.
Capital		
Withdrawals	20.00.000	21.43.739
Payments	24,25.000	23.00.000
Revenue		
Receipts		
Administrative	91.50.000	92.00.000
Suspense	6.00.000	6.00.000
Financial	97.50.000	98.00.000
Expenditure		
Administrative	54.00.000	54.00.000
Suspense	6.00.000	6.00.000
Financial	60.00.000	60.00.000
Total capital outlay in England	15.00.000	16.15.000

1889-90.

Capital.

Withdrawals -

From the latest statement of Capital requirements I arrive at Rs 19.50.000. In discussing this with the Chief Auditor that officer is of opinion that the provision in the Revised Budget submitted by Government viz: 20 lakhs should remain unaltered. The difference is trifling and may be recommended for adoption.

and Katpadi for the Villapuram Dharma-waram Railway, Rupees 1,00,000 to Grain traffic, carried principally from Stations in the Mysore province to Stations on the South Indian Railway where food scarcity was apprehended and the balance of Rupees 2,84,000 may be set down to a larger tonnage of Cotton carried and to a general and satisfactory increase in the Grain traffic and in many of the minor commo-dities such as Sugar Leather, Tobacco & Spices &ca.

Will you kindly furnish the Ag: Agent and Manager with this information.

Yours faithfully

Sd/ L. S. Moss.
Traffic Manager

/True copy/

Sd/ J. Cramp
Chief Auditor.

/True copy/

W Mead
Ag: Agent & Manager

A5544

Madras Railway
Traffic Manager's Office
Madras 24th Feby. 1890

To
The Chief Auditor
Royapuram.

Dear Sir.

Budget Estimate 1889-90 & 1890-91

Your A/535 of 20th Instant

The increase in the Traffic from the 1st April 1889 to the 31st January 1890 over and above the figures shown for the corresponding months of the previous year amounts to Rs: 5.73.808.

Coaching traffic shows an increase of Rupees 1.00.792. Goods traffic an increase of Rupees 5.36.051 and Telegraph receipts an increase of Rupees 888, while Sundries show a decrease of Rupees 63,923.

The increase in the Coaching and Telegraph receipts may be accepted as a normal increase due to the steady development of the 3rd Class traffic and to additional public telegrams despatched by Cotton & seed Merchants.

Of the increased Goods Receipts — Rs. 1.52.000. in round figures is attributable to State Railway Stores & Materials carried over our system from Madras to Renigunta and

MADRAS RAILWAY.

From

The Agent and Manager.

To

The Consulting Engineer

for Railways.

Dated 26th Feby 1889

Recd.

No. 6628/222

Budget Estimates
1889-90 and 1890-91.

159

The revised figures as now proposed are given at pages 2 and 4 of the Chief Auditor's letter already referred to and noted in the margin.

I have the honour to be
Sir,
Your most Obedient Servt

[signature]

Ag Agent & Manager.

MADRAS RAILWAY.

From The Agent and Manager.

To The Consulting Engineer for Railways.

Dated 188

Recd.

No.

the estimated amount expenditure and
expended to capital.

The increase over budget estimate in
the earnings for the current year are
explained in detail by the traffic branch
and although 2,52,000 are attributable to
an abnormal traffic in state Railway material
and in grain carried from Mysore to the
South Indian district where a scarcity
of food was apprehended still a normal
increase of 1,00,792 is credited to coaching
traffic and of 2,54,000 to a larger Cotton
traffic, and to a general and satisfactory
increase in the receipts for grain and
other goods traffic.

The Chief Auditor is of opinion that
the estimated Expenditure in England no
price by the India Office might be accepted
until a revised estimate is prepared.

That Officer also recommends that
2 lakhs be added to the estimate of
Administrative Earnings, and in this
recommendation I concur.

In the estimate of working Expenses
provision was made for 8 new Locomotive
Engines, the residue being ordinary working
Expenses, but a total of 5½ lakhs is now
thought to be sufficient.

(No. I) 1628

No. 222

5,000—14-11-85.

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

MADRAS, 25th February 1890

From

The Ag. Agent and Manager.

To

The Consulting Engineer for Railways.

SIR,

Budget Estimates 1889-90 and 1890-91.

Your letter No 180 dated 18th Feby 1890.

With reference to Government of India letter No 129 a.R. dated 12th Feby 1890, I have the honour to submit copies of the marginally noted documents relative to the figures recommended for final adoption in the budget Estimates for the financial years of 1889-90 and 1890-91.

Chief Auditor's letter No A174 22nd Feby 1890.
Traffic Manager's letter A 80444 24th Feby 1890.

The only required alteration in the revised Estimate for the current year is the transfer of Rs 1,94,324. 6. 10. This is rendered necessary by the revised allocation of the Expenditure on the Calicut Extension vide C.O. 144R dated 24th Jany 1890, and to meet this it is proposed that 2 lakhs Wadded to

2 Encls.

Urgent Rep 124

P.W.C No 1590

2194/90

No 883.C dy 17 Feby: 190

Referred to the Consulting Engineer for Railways for early report with reference to his endorsement No 17, dated 10th January 1890.

Rcd 17-2-90

C. Smith Colr R.
Secy: to Govt P.W.D.
Railway Branch.

Ld
17-2-90

as soon as possible.

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

A.C. Bayley Lt. Col R.E.

Offg. Sy. Secy. to the Govt. of India

(Rly)

11 P

mark as follows:-

outlay in England. The estimate received from the India office, ased on information furnished by the Board, amounts to £148.000, ich converted at the contract rate of exchange is equal to Rs. 16.15.00, n round figures, being Rs. 4.60.000 less than the local estimate. e Government of India proposes to adopt the India office estimate, less the Agent of the Company has good reason for believing at the provision is insufficient.

Administrative Earnings. The estimate under this head is placed at Rs. 90.00.000, or Rs. 1.50.000 below the amount proposed as the Revised stimate for the current year. The Government of India fails see why the estimate for next year has been placed at so ow a figure while the traffic has been improving steadily this ear, and requests that a full explanation of the anticipated all may be furnished.

Working Expenses. The Budget Estimate of working Expenses is submitted for Rs. 55 lakhs, or Rs 3 lakhs in excess of the Revised stimate for the current year. I am to request that the Govern- ment of India may be furnished with a note explanatory of the increase over the Revised Estimate and the figure telegraphed on the 27th November 1889 in connection with the six months Estimate, notwithstanding the reduction in the estimate of earnings.

I am to request that the explanations

2.

sked for in paras 2 and 3 of this letter may be submitted as

* Rs. 53.00.000.

G.O. of 28th Feb 1890, No. 311 R. 21 L

No. 129 a R.

All communications should be addressed to the Secretary.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.
Railway

108

Cir. 17 & 2 CR

To

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

Calcutta the 12 February 1890

Sir,

I am directed to acknowledge the receipts of your No. 21 R dated 10th January 1890, forwarding the Capital and Revenue Revised and Budget Estimates of the Madras Railway for the current and ensuing official years, and to request that the Government of India may be furnished with a report which should reach by the 1st March next, at latest, showing the figures which you would recommend finally for adoption under all heads of the Capital and Revenue estimates for the current financial year.

2. I am to request also that the causes which have contributed to the very satisfactory improvement in the Earnings of the current year over the Budget Estimate may be reported, as the information is required for a review of the estimates which has to be prepared by this department.

3. As regards the estimates for next year, I am to remark

Public 98

Proposed telegram

From Madras
to R

To Calcutta
& Works –

Code
Finally propose | Madras Rly |
| for the next official year |

Capital withdrawals ~~2143.739~~ as budgeted and
payments ~~22 lakhs~~ . Revenue
administrative receipts 92 ~~lakhs~~ .
suspense 6 ~~lakhs~~ . Financial 98

administrative expenditure 54
suspense 6 . Financial
sixty . Capital outlay in England
16 lakhs 15 .

Finally propose Matrons append capital withdrawals and payments as budgeted Revenue administrative receipts 92 Lakhs suspense six - Financial 98 administrative expenditure 54 - . Suspense six - Financial sixty - - Capital outlay in England - 16 Lakhs 15 -

J.L.S.
27.2.90

Public
2194/90.

Telegram to the Government of India, P.W. department, dated 25th February 1890.

Please wire sanction extra grant Rupees 75,000 Madras Railway Revenue withdrawals duly provided in Revised budget necessary to authorise issue of credit for March.

—

Telegram from the Government of India, P.W. D, No 78 A, dated 27th February 1890.

Referring to your telegram of 25th instant, additional revenue grant Rupees 75,000 Madras Railway sanctioned.

—

Please see originals G.O. 320 A 3/3/90

3. The estimates will be forwarded to the Government of India.

H.G. No 28 R of 10th Jany 1890

Forwarded.

Secs
13 Jan
D.L.S. 16.1.90

C.L.S
16.1.90

R

Inf. despd to Govt of India with 3 copies of Budget 10th Jany 1890.
one copy of Budget despd to India 11th Jany 90.

B
No 27-28 R of 10th Jany 90.

~~To the Comptroller for Rep~~
~~Govt of Madras~~

Cir 13/1/90
R 15/1/1890

B

No. 27 R.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 10th Jany/90

READ the following

Endorsement from the Consulting Engr for Rys. } St. No. 17 of 10th Jany: 1890.

GP

The Government approve of the revised estimate on Capital Account for 1889-90 and of the proposals to the budget Estimate for 1890-91.-

2. The approved figures stand thus:-

	Revised Estimate 1889-90	Budget Estimate 1890-91
Expenditure -	20,00,000	21,43,739
Receipts -	22,25,000	23,00,000
Net receipts	2,25,000	1,56,261

Revenue. The estimates submitted are accepted, the administration figures being as follows:-

	Actuals 1888-89	Budget Estimate 1889-90	Revised Estimate 1889-90	Budget Estimate 1890-91
	Rs	Rs	Rs	Rs
Receipts	85,38,804	86,00,000	91,50,000	90,00,000
Expenditure	49,86,763	51,00,000	52,00,000	55,00,000
Net profits	35,52,041	34,00,000	39,50,000	35,00,000

Rec

Form No. 3.

From

THE CONSULTING ENGINEER
FOR RAILWAYS,
MADRAS,

No. 17

Dated 10th } January 1890.
Received

No. OF ENCLOSURES.

Subject.

Submits 4 copies of the Revised Budget 1889-90 and Budget Estimate 1890-91 Madras Railway with note by the Consulting Engineer thereon.

Form No. 1.

PUBLIC WORKS DEPARTMENT.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,

Madras, 10th January 1890.

4 Copies of the Revised Budget 1889-90 and Budget Estimate 1890-91 on Madras Railway, with note by the Consulting Engineer for Railways thereon.

No. 7

SUBMITTED _____ to _____ Government for transmission to the Government of India.

C. J. Smith Col. R.E.
Consg. Engr. for Rys.

10. English Transactions. The Revised estimate of expenditure during the Current official year amounts to Rs 15,02,300 (against a sanction of Rs 11,24,000) the outlay on stores having been underestimated. The total expenditure in England in 1890-91 is estimated at Rs 20,75,180.

11. Revenue Transactions: The figures submitted by the Railway authorities are recommended for adoption. The administration receipts for 1890-91 are estimated at Rs 90,00,000 the withdrawal at Rs 55,00,000 and the net savings at Rs 35,00,000. The net earnings in the current official year are likely to exceed those in the Budget estimate by Rs 5,50,000. The suspense receipts and withdrawals will exceed the budget figures by Rs 25,000/ only

Sidney Smith
Engr. R.E.
for Consg. Engr. for Rys.

8. Stores:— The increased provision made in the revised estimate 1889-90 amounting to Rs 243156 is due to additional requirements under nearly all items. The provision for stores in the budget for 1890-91 is less by Rs 22,856 than that for the current year:

9. The figures recommended are thus summarised:—

	Revised estimate 1889-90	Budget estimate 1890-91
	R.	Rs
Engineering		
Sanctioned works..	5,01,035	2,76,871
unsanctioned works.		3,87,518
Emergent works	20,000	20,000
Carriage & Wagon		
Sanctioned works.	37,259	31,550
unsanctioned works	"	10,000
General		
Establishments	1,050	"
Stores	14,35,656	14,12,800
miscellaneous	5,000	5,000
Total withdrawals	20,00,000	21,43,739
Total payments	22,25,000	23,00,000
net cash demand in India	2,25,000	156,261

Is to facilitate traffic with the Palghat Branch. Items 62 to 76

are to meet additional traffic 62 to 76

are to meet Locomotive requirements. 77 to 80

are to meet failing water supply. 81 to 83

Is to facilitate traffic at the Peramber station and obviate the inconvenience to the public for trains standing across the road during their stay at the station. 84

It is found that the distance between the town of Cuddapah and the station is too great for the school children of employes to avail themselves of the schools in the town. 85

are to enable Mr Winter to push his investigations and experiments in electric lighting of trains 86+87

7. A provision has been made for Emergent works amounting to Rs 20,000

from Poona to Bangalore.

Items 36 to 42 & 44 are to meet increased traffic and principally replace temporary structures where traffic has been found to justify the outlay.

43 Is necessitated by the construction of the Villupuram — Guntakal extension.

45 Is to meet the demands of the public.

46, 47 Are for the protection of the buildings.

48 Is to meet defective designs when the station was first built.

49 & 56 Are to increase the capacity of the line and facilitate traffic under the Block system.

57, 58 Are to meet the increase in the number of derailments at this yard; which requires remodelling to obviate the risk that has arisen out of increased traffic.

59 & 61 Are to meet the requirements of a Junction with the Southern Mahratta Railway.

in respect of C class land. The expenditure is in pursuance of the policy that all the Company's staff should be suitably housed on the Company's premises mainly.

Is mainly to meet the progressive development of third class traffic and trade generally. Item 31

Is to facilitate the working of trains under the Block system, and to increase the capacity of the line. 32

Is necessitated by the completion of the new Bridge over the Pennar. 33

Is to meet the dangers over-crowding of the Cantonment station platforms and to enable a Time Table to be introduced that will meet the new conditions imposed by the opening of the Southern Mahratta Railway from Poona to Bangalore. 34

Is necessitated by the opening of the Southern Mahratta Railway 35

		Rs
	The new bridge over the Chitravati River	77,825
	The new bridge over the Pafaghni River	150,000
	The extension of the block system and the introduction of starting & semaphore signals	16,920

These works alone account for Rs 244,745 out of the Rs 276,871

6. Provision to the extent of Rs 3,075-8 has been entered under schedule B - The following remarks are offered on the works entered in this schedule.

Items 1 & 3 are required for the safety of the line.

4 is required to meet the increased wheel weight of engines for which the girders originally designed were inadequate

5, 6, etc to 30 Represent expenditure that would, much of it, have been incurred years ago but for the question raised ought not to have been entered in the Budget. The outlay Rs 5,712 is debitable to the Villupuram Gentakal construction estimate and will be met from that source. A provision of Rs 20,000 has been made for emergent works no such provision having been made in the budget.

3. A small increased expenditure under "Carriage and wagon Department" has been provided for.

4. Budget Estimate 1890-91.

The total cash outlay is estimated at Rs 21,43,739. That on Engineering works being estimated at Rs 6,84,389 and that on stores at Rs 14,13,800.

5. The principal sanctioned Engineering works (schedule A) are: —

Note

On the administrative Budget Estimates of the Madras Railway for 1889-90 and 1890-91

Capital

Revised Estimate 1889-90.

This compares as follows with the sanctioned budget: —

	Sanctioned budget	Revised Estimate
Expenditure	20,60,000	20,00,000
Receipts	22,00,000	22,25,000
net receipts	2,00,000	2,25,000

2. The cash outlay on the Engineering works is estimated at Rs 5,21,035 or Rs 2,28,965 less than the budget provision, which is mainly due to decreased expenditure under bridges and station buildings. / Item 74. Schedule 4. Engineering Department. "Stations and building"

Note

On the administrative Budget Estimates of the Madras Railway for 1889-90 and 1890-91

Capital

Revised Estimate 1889-90 -

This compares as follows with the sanctioned budget: —

	Sanctioned budget	Revised Estimate
Expenditure	20,00,000	20,00,000
Receipts	22,00,000	22,25,000
net receipts	2,00,000	2,25,000

2. The cash outlay on the Engineering works is estimated at Rs 5,21,035 or Rs 2,28,965 less than the budget provision, which is mainly due to decreased expenditure under bridges and station buildings - / Item 74. Schedule A. Engineering Department. "stations and building"

FINAL ISSUE.

BUDGET ESTIMATE

OF THE

MADRAS RAILWAY

FOR THE YEAR

1890-91.

CAPITAL ACCOUNT.

ABSTRACT OF ESTIMATED CASH EXPENDITURE IN INDIA ON THE MADRAS RAILWAY for the official year 1890-91.

Particulars.	Actuals for 1888-89.	Budget Estimate for 1889-90.	Revised Estimate for 1889-90.	Budget Estimate for 1890-91.
INDIA.	RS.	RS.	RS.	RS.
CAPITAL OUTLAY.				
Engineering Department.				
Sanctioned works as per Schedule A. ...	6,95,604	5,00,000	5,01,035	2,77,000
Works to be sanctioned do. B. ...	...	2,50,000	...	2,50,000
Emergent works do. D. ...	...	...	...	...
Locomotive Department.				
Sanctioned works as per Schedule A. ...	...	...	...	...
Works to be sanctioned do. B. ...	...	...	...	...
Carriage and Wagon Department.				
Sanctioned works as per Schedule A. ...	16,952	7,500	37,259	32,000
Works to be sanctioned do. B. ...	...	25,000	...	10,000
General.				
Establishment chargeable to Capital as per General estimate of Establishment C. ...	14,408	20,000	1,050	...
Stores as per Schedule E.	13,89,449	11,92,500	14,05,656	13,76,000
Miscellaneous	6,472	5,000	5,000	5,000
	21,22,885	...	...	...
Deduct increase in credit balance of Capital advance account, &c.	78,109	...	...	...
Total withdrawals on Capital account ...	20,44,776	20,00,000	19,50,000	19,50,000
Receipts to be credited to Capital account ...	...	...	...	...
Share Capital paid in India	...	...	...	...
Refunds on account of stores sold to Revenue and others	18,73,749	18,50,000	21,50,000	20,00,000
Refunds of receipts from Revenue for work done	...	...	...	...
Other refunds—				
Home Expenditure, &c.	2,02,645	3,50,000	2,25,000	3,00,000
Amount less credited to refunds ...	2,102	...	...	...
Total payments in Treasury on Capital account ...	20,78,496	22,00,000	23,75,000	23,00,000
Net Cash Demand of the year on Capital account ...	**33,720**	**2,00,000**	**4,25,000**	**3,50,000**
ENGLAND.				
PURCHASE OF STORES.				
Indents to be sent Home during the year ...	...	9,66,400	15,86,380	10,84,100
Previous Indents to be complied with ...	...	5,69,044	10,42,200	11,93,580
Total	...	15,35,444	26,28,580	22,77,680
Deduct for indents estimated to be complied with in the following year ...	...	6,11,444	11,93,580	5,10,680
Total outlay for Stores ...	9,78,010	9,24,000	14,35,000	17,67,000
Home Expenditure and Payments.				
Home expenditure	68,699	90,000	75,000	75,000
Furlough and sick leave allowances	22,956	35,000	30,000	30,000
Family and sundry payments less receipts ...	63,363	75,000	70,000	70,000
Total Home expenditure and payments ...	1,55,018	2,00,000	1,75,000	1,75,000
Total Cash demand in England ...	11,33,028	11,24,000	16,10,000	19,42,000

REVENUE ACCOUNT.

ABSTRACT OF ESTIMATED REVENUE RECEIPTS AND EXPENDITURE OF THE MADRAS RAILWAY for the official year 1890-91.

Particulars.	Actuals for 1888-89.	Budget Estimate for 1889-90.	Revised Estimate for 1889-90.	Budget Estimate for 1890-91.
RECEIPTS AS PER SCHEDULE F.	RS.	RS.	RS.	RS.
Coaching traffic	36,35,901	36,00,000	38,30,000	39,00,000
Goods do.	46,79,107	47,20,000	51,50,000	51,00,000
Electric telegraph earnings	18,048	20,000	20,000	20,000
Sundries	2,05,748	1,60,000	2,00,000	2,30,000
Total (1) ...	85,38,804	85,00,000	92,00,000	92,50,000
Receipts on account of traffic appertaining to other lines	5,83,933	6,25,000	6,00,000	6,00,000
Receipts from Capital account other than traffic earnings	...	...	...	...
Receipts from foreign lines other than traffic earnings	...	...	...	...
Other abnormal receipts in detail, or as per schedule attached	...	...	...	...
Total payments into Treasury on Revenue account (2) ...	91,22,737	91,25,000	98,00,000	98,50,000
EXPENDITURE AS PER SCHEDULE G.				
Maintenance of way, works, and stations ...	13,83,054	15,00,000	13,90,000	13,80,000
Locomotive expenses	16,17,644	16,40,000	17,58,500	18,20,000
Carriage and wagon expenses	6,29,395	6,70,000	6,54,560	6,30,000
Traffic expenses	8,06,524	7,65,000	8,00,000	8,00,000
General charges	5,01,240	4,80,000	5,00,000	5,00,000
Special and miscellaneous expenditure ...	48,406	45,000	47,000	20,000
Total (3) ...	49,86,763	51,00,000	51,50,000	51,50,000
Payments to other lines for their proportion of through traffic, &c.	5,05,586	6,25,000	6,00,000	6,00,000
Payments to Capital Account other than for stores, &c., included in the working expenses in schedule G.	...	...	...	...
Other abnormal payments in detail, or as per schedule attached	...	...	...	...
Total withdrawals from Treasury on Revenue Account (4) ..	54,92,349	57,25,000	57,50,000	57,50,000
Net earnings (1)—(3) ...	35,52,041	34,00,000	40,50,000	41,00,000
Net Receipts (2)—(4) ...	36,30,388	34,00,000	40,50,000	41,00,000
Surplus profits ...	...	...	...	...

CAPITAL.

Schedule A, or Construction

Budget Estimate of Sanctioned Works of the

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT.	Rs.	Rs.	Rs.
			Earthwork.			
1	C.E. No. 663 ..	12th Aug. 1889.	Pitching the embankment of the Ambatúr tank at 10/9 miles, South-west line ..	3,267	..	3,267
			Bridgework.			
2	C.E. No. 541 ..	16th Aug. 1884.	Reconstruction of the Pennér bridge ..	4,20,282	5,37,706	9,57,988
	G.O. No. 315 ..	17th Mar. ,,				
	G.O. No. 773 ..	24th July ,,				
	G.O. No. 828 ..	9th Sept. ,,				
	C.E. No. 467 ..	3rd Aug. 1886.				
	C-E. No. 778 ..	15th Nov. 1887.				
	G.O. No. 404 ..	17th May 1888.				
	C.E. No. 1014.	14th Dec. ,,				
	G.O. No. 502 ..	4th May 1889.				
	G.O. No. 531 ..	13th ,, ,,				
3	G.O. No. 911 R.	6th Dec. 1886.	New bridge over the Chitrávati river ..	3,97,771	7,66,956	11,64,727
	C.E. No. 769 ..	7th ,, ,,				
4	G.O. No. 773 R.	18th Oct. ,,	New bridge over the Pápaghni river ..	4,21,290	5,65,852	9,87,142
	G.O. No. 932 R.	13th Dec. ,,				
	C.E. No. 790 ..	15th ,, ,,				
5	G.O. No. 218 R.	26th Feb. 1889.	Over bridge at east end of Perambúr station	591	4,831	5,422
	C.E. No. 190 ..	1st Mar. ,,				
6	C.E. No. 699 ..	10th Sept. 1888.	Foot bridge at west end of Perambúr works	817	6,221	7,038
	C.E. No. 701 ..	24th Aug. 1889.				
7	C.E. No. 19 ..	9th Jan. ,,	Protective works at 201/12 to 203/11 miles, North-west line	2,511	394	2,905
			Extension of Line.			
8	C.E. No. 52 ..	26th Jan. 1886.	Extension of line to Calicut	8,02,159	7,26,279	15,28,438
	C.E. No. 882 ..	21st Dec. 1887.				
			Stations and Buildings.			
9	C.E. No. 756 ..	22nd Sept. 1888.	Station-house, &c., at Tyakal	3,070	1,562	4,632
10	G.O. No. 844 R.	20th Oct. ,,	Do. at Sevvápet ..	7,079	7,129	14,208
	C.E. No. 873 ..	23rd ,, ,,				
11	G.O. No. 127 R.	1st Feb. 1889.	Do. &c., at Ulli	3,630	4,307	7,937
	C.E. No. 113 ..	4th ,, ,,				
	C.E. No. 26 ..	11th ,, ,,				
12	G.O. No. 379 R.	6th April ,,	Do. at Krishnapuram ..	3,035	2,841	5,876
13	G.O. No. 558 R.	17th May ,,	Do. &c., at Jakkulacheruvu ..	8,883	14,282	23,165
14	G.O. No. 552 R.	15th ,, ,,	Do. &c., at Vanganur ..	10,089	12,393	22,482
15	C.E. No. 713 ..	11th Sept. 1888.	Do. &c., at Kallavi	7,528	3,985	11,513
	G.O. No. 588 R.	8th Aug. 1887.				
	G.O. No. 645 R.	2nd Sept. ,,				
16	G.O. No. 812 R.	4th Nov. ,,	Do. at Buddireddipatti ..	6,675	4,188	10,863
	C.E. No. 1010..	13th Dec. 1888.				
17	G.O. No. 129 R.	17th Feb. ,,	Three sheds at south-west end of carriage shop, Perambúr works ..	6,551	13,200	19,751
	C.E. No. 435 ..	16th May 1889.				
18	G.O. No. 94 R.	7th Feb. 1888.	Crossing station at Patchur, Bangalore Branch	7,142	10,543	17,685
	C.E. No. 218 ..	11th Mar. 1889.				
19	G.O. No. 94 R.	7th Feb. 1888.	Crossing station at Mullanur ..	12,468	13,191	25,659
	C.E. No. 217 ..	11th Mar. 1889.				
20	C.E. No. 154 ..	25th Feb. 1888.	Crossing station at 155th mile, North-west line	5,972	8,692	14,664
	C.E. No. 185 ..	28th ,, 1889.				
21	G.O. No. 68 R.	26th Jan. 1888.	Alterations and additions to Raichur station	5,559	5,481	11,040
22	G.O. No. 365 R.	1st April 1889.	Alterations and additions to Rénigunta station in consequence of junction arrangements with Cuddapah-Nellore State Railway	36,704	46,543	83,247
23	C.E. No. 906 ..	31st Oct. 1888.	Godowns for Messrs. Stanes and Co., and Messrs. Pierce, Leslie and Co., at Mettupálaiyam station	2,270	130	2,400
	C.E. No. 613 ..	22nd July 1889.				
24	C.E. No. 659 ..	12th Aug. ,,	Loading bank and goods godown at Sankaridrug	1,359	1,139	2,498
25	C.E. No. 662 ..	12th ,, ,,	Extension of goods godown at Erode ..	2,117	1,569	3,686
26	G.O. No. 1155.	25th Oct. ,,	Waiting sheds at Perambúr	1,610	5,668	7,278
	C.E. No. 403 ..	19th ,, ,,				
27	C.E. No. 858 ..	17th ,, ,,	Lay-bye, loading bank and goods godown at Kupgul	1,565	3,129	4,694
28	C.E. No. 936 ..	8th Nov. ,,	Tank to be erected on bridge No. 242 at Pennér	2,222	135	2,357

Works—Part I.

Madras Railway for the official year 1890-91.

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	500	..	500	2,767	..	2,767	..	1
3,11,553	4,86,174	7,97,727	1,06,229	49,032	1,55,261	2,500	2,500	5,000	..	2
1,43,704	6,63,057	8,06,761	1,76,242	61,536	2,37,778	46,696	42,363	89,059	31,129	3
..	..	..	62,420	1,00,000	1,62,420	1,00,000	4,50,000	5,50,000	2,74,722	4
..	..	..	591	4,831	5,422	..	..	..	..	5
..	16	16	817	6,205	7,022	..	..	..	..	6
..	21	21	2,090	200	2,290	421	173	594	..	7
8,26,424	6,89,043	15,15,467	12,971	..	12,971	..	..	..	..	8
2,041	820	2,861	1,650	121	1,771	..	..	..	..	9
682	3,516	4,198	6,397	3,613	10,010	..	..	..	..	10
3	2,037	2,040	3,127	1,970	5,097	500	300	800	..	11
..	..	..	2,835	2,791	5,626	200	50	250	..	12
..	..	..	6,883	10,282	17,165	2,000	4,000	6,000	..	13
..	..	..	9,889	12,143	22,032	200	250	450	..	14
7,163	3,270	10,433	365	715	1,080	..	..	..	..	15
5,560	3,763	9,323	1,115	425	1,540	..	..	..	..	16
4,114	11,849	15,963	2,437	1,351	3,788	..	..	..	..	17
7,132	10,458	17,590	40	55	95	..	..	..	..	18
9,483	10,514	19,997	3,361	2,301	5,662	..	..	..	..	19
4,608	4,712	9,320	2,507	2,837	5,344	..	..	..	..	20
3,542	5,043	8,585	2,060	395	2,455	..	..	..	..	21
35,288	46,597	81,885	1,362	..	1,362	..	..	..	..	22
2,186	113	2,299	84	17	101	..	..	..	..	23
..	..	..	859	939	1,798	500	200	700	..	24
..	..	..	1,617	1,369	2,986	500	200	700	..	25
..	..	..	600	1,500	2,100	1,010	4,168	5,178	..	26
..	..	..	1,000	2,000	3,000	565	1,129	1,694	..	27
..	..	..	1,000	100	1,100	1,222	35	1,257	..	28

Budget Estimate of Sanctioned Works of the Madras Railway for the official year 1890-91—*cont.*

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			Stations and Buildings—*cont.*	Rs.	Rs.	Rs.
29	C.E. No. 225	12th Mar. 1889.	Platform at Connur	2,445	2,525	4,970
	C.E. No. 823	7th Oct. ,,	Do. at Ariyanur	2,371	1,661	4,032
30	C.E. No. 610	13th Aug. ,,	Platform at Pallipuram	1,391	1,342	2,733
31	C.E. No. 593	13th July ,,	Enlarging and deepening Locomotive well No. 2 at Salem	2,125	..	2,125
32	C.E. No. 321	9th April ,,	3-ton crane at Tirur	202	2,046	2,248
33	C.E. No. 855	17th Oct. ,,	5-ton ,, at Salem	281	2,640	2,921
34	C.E. No. 851	17th ,, ,,	5-ton ,, at Rénigunta	295	2,640	2,935
35	C.E. No. 484	3rd June ,,	30-ton weigh-bridge and siding at Guntakal Junction	894	5,689	6,583
36	G.O. No. 527 R.	10th May ,,	30-ton weigh-bridge and siding at Bangalore Pettah Station	1,071	5,428	6,499
37	G.O. No. 464	24th April ,,	Weigh-bridge and alterations of cross-over road at Kolar	348	2,831	3,179
38	C.E. No 406	8th May ,,	Staff quarters at Gooty	4,357	1,728	6,085
39	G.O. No. 782 R.	25th Sept. 1888.	Bungalow for 3 Eurasian clerks at Raichur	4,277	1,433	5,710
40	C.E. No. 263	26th Mar. 1889.	Native clerks' houses at Raichur	4,109	1,759	5,868
41	G.O. No. 269 R.	31st Mar. 1886.	Goods clerk's office at Salt Cotaurs Station	12,459	9,060	21,519
	C.E. No. 264	23rd Mar. 1889.	Refreshment room for Natives at Raichur	2,684	815	3,499
42	G.O. No. 88 R.	4th Feb. 1888.	Double Engine-driver's bungalow at Cuddapah	8,274	2,730	11,004
	C.E. No. 434	16th May 1889.	2 Guards' bungalow at Gooty	8,354	1,822	10,176
43	C.E. No. 155	19th Feb. ,,	Tiffin room at Perambúr	3,496	3,504	7,000
	C.E. No. 286	29th Mar. ,,	Station Master's bungalow at Kolar Road.	2,188	939	3,127
44	G.O. No. 904 R.	30th Nov. 1887.	Pointsmens' and scavengers' huts at Mullapuram	2,762	736	3,498
45	G.O. No. 756 R.	15th Sept. 1888.	Native signaller's bungalow at Guntakal Junction	2,736	701	3,437
46	G.O. No. 328 R.	25th Mar. 1889.	Extension of through siding at Vontimitta	560	1,536	2,096
47	C.E. No. 488	6th June ,,	Extension of through siding at Aspari	767	1,382	2,149
48	C.E. No. 857	17th Oct. ,,	Extension of lay-bye into a through siding at Kamasamudram	348	1,867	2,215
49	C.E. No. 514	17th June. ,,	Extension of through siding at Kanyikod	1,314	1,860	3,174
50	C.E. No. 486	2nd July 1888.	Extension of goods lay-bye at Yerraguntla	261	2,151	2,412
51	C.E. No. 767	24th Sept. ,,	Extension of platform and through siding at Peddapad	1,577	3,246	4,823
52	C.E. No. 27	11th Feb. 1889.	Extension of platform and through siding at Vániyambádi	1,552	2,469	4,021
53	C.E. No. 492	7th June ,,	Extension of through siding at Tiruvallam	1,290	1,585	2,875
	G.O. No. 639	5th ,, ,,	Extension of platform and through siding at Ottapalem	1,194	2,387	3,581
54	C.E. No. 594	13th July ,,	Extension of platform and through siding at Kuttipuram	1,914	3,235	5,149
55	C.E. No. 515	17th June ,,	Cross-over road at Pódanúr	350	2,397	2,747
56	C.E. No. 493	7th ,, ,,	Extension of platform at Ketandapati	1,486	3,854	5,340
57	C.E. No. 516	17th ,, ,,	Extension of through siding at Nagari.	1,034	1,603	2,637
58	G.O. No. 588 R.	22nd May ,,	Alterations and additions to sidings at Kolar Road	1,861	7,622	9,483
59	G.O. No. 684 R.	18th June ,,	Conversion of lay-bye near engine shed into siding at Arkónam	292	1,912	2,204
60	C.E. No. 100	29th Jan. ,,	Additional sidings and cross-over road at Arkónam	2,789	4,903	7,692
61	G.O. No. 511 R.	19th Feb. 1888.	Additional siding at Jalárpet	573	5,006	5,579
62	C.E. No. 507	13th June 1889.	Additional siding at Kamasamudram	2,734	3,791	6,525
	C.E. No. 873	19th Oct. ,,	Additional siding at Jalárpet	1,268	6,974	8,242
63	G.O. No. 71 R.	22nd Jan. ,,	Alterations and additions to Locomotive siding at Jalárpet	2,738	7,047	9,785
	C.E. No. 82	24th ,, ,,	Alterations of main line and additional siding at Kolar Road	3,261	15,048	18,309
64	C.E. No. 26	11th Feb. ,,	Alteration of sidings, &c., at Cuddapah	232	4,991	5,223
65	C.E. No. 381	4th Oct. ,,	Crane lines, &c., in General Stores Yard at Ráyapuram	1,551	6,251	7,802
	G.O. No. 1146 R.	22nd ,, ,,	Through siding at Tayakal	1,352	2,087	3,439
66	C.E. No. 161	21st Feb. ,,	Catch siding at Kuppam	794	4,918	5,712
	C.E. No. 386	1st May ,,	Material siding at 82nd mile, South-west line	1,268	223	1,491
67	G.O. No. 642 R.	6th June ,,	Loading bank and goods godown at Somanur	961	240	1,201
68	G.O. No. 1082 R.	8th Oct. ,,	Goods godown at Madukarai	797	778	1,575
69	G.O. No. 560 R.	17th May ,,	Extension of platform at Tudiyalur			
70	G.O. No. 984 R.	10th Sept. ,,				
71	C.E. No. 606	20th July ,,				
72	G.O. No. 80 0R.	25th ,, ,,				
73	C.E. No. 766	24th Sept. 1888.				
	C.E. No. 1021	18th Dec. ,,				
74	C.E. No. 630	26th July 1889.				
75	C.E. No. 983	23rd Nov. ,,				
76	C.E. No. 984	23rd ,, ,,				
77	C.E. No. 994	23rd ,, ,,				

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	..	..	..	..	..	..	..	29
1,369	2,425	3,794	1,076	100	1,176	..	..	..	..	30
1,840	178	2,018	531	1,483	2,014	..	..	..	..	31
..	..	..	1,341	1,242	2,583	50	100	150	..	32
1,160	..	1,160	965	..	965	..	..	..	..	33
..	..	..	102	1,546	1,648	100	500	600	..	34
..	..	..	181	2,040	2,221	100	600	700	..	35
..	..	..	295	2,640	2,935	..	..	..	..	36
..	..	..	894	5,689	6,583	..	..	..	..	37
..	..	..	1,071	5,428	6,499	..	..	..	..	38
..	..	..	148	2,331	2,479	200	500	700	..	39
..	..	..	3,601	712	4,313	..	..	..	..	40
633	1,139	1,772	2,628	547	3,175	..	..	..	..	41
1,745	790	2,535	3,248	1,320	4,568	..	..	..	..	42
861	439	1,300	1,591	151	1,742	..	..	..	..	43
10,868	8,909	19,777	374	500	874	..	..	..	..	44
2,310	315	2,625	..	..	..	4,692	1,304	5,996	..	45
3,582	1,426	5,008	3,382	927	4,309	..	..	..	..	46
4,998	869	5,867	2,996	3,204	6,200	500	300	800	..	47
..	..	..	1,688	889	2,577	500	50	550	..	48
..	..	..	1,300	400	1,700	1,462	336	1,798	..	49
..	..	..	2,000	501	2,501	736	200	936	..	50
..	..	..	407	494	901	..	..	..	..	51
153	1,042	1,195	140	101	241	..	..	..	..	52
627	1281	1,908	241	887	1,128	..	..	..	..	53
107	980	1,087	1,314	1,860	3,174	..	..	..	..	54
..	..	..	211	2,081	2,292	50	70	120	..	55
..	..	..	1,577	3,246	4,823	..	..	..	..	56
..	..	..	1,552	2,469	4,021	..	..	..	..	57
..	..	..	1,290	1,585	2,875	..	..	..	..	58
..	..	..	1,194	2,387	3,581	..	..	..	..	59
..	..	..	1,914	3,235	5,149	..	..	..	..	60
..	..	..	642	1,511	2,153	..	..	..	..	61
30	564	594	342	1,598	1,940	..	..	..	..	62
1,144	2,256	3,400	834	1,200	2,034	200	403	603	..	63
..	..	..	1,296	3,686	4,982	..	..	..	..	64
565	3,936	4,501	292	864	1,156	..	..	..	..	65
..	1,048	1,048	2,489	4,403	6,892	300	500	800	..	66
..	..	..	..	1,102	1,102	..	..	..	..	67
753	3,724	4,477	2,734	3,791	6,525	..	..	..	..	68
..	..	..	1,000	5,000	6,000	268	1,974	2,242	..	69
..	..	..	2,738	7,047	9,785	..	..	..	..	70
..	..	..	1,700	10,048	11,748	1,561	5,000	6,561	..	71
..	..	..	..	..	..	..	..	..	..	72
..	..	..	232	4,991	5,223	..	..	..	..	73
..	..	..	1,251	5,251	6,502	300	1,000	1,300	..	74
..	..	..	1,352	2,087	3,439	..	..	..	..	75
..	..	..	794	4,918	5,712	..	..	..	..	76
..	..	..	300	100	400	968	123	1,091	..	77
..	..	..	200	100	300	761	140	901	..	
..	..	..	150	200	350	647	578	1,225	..	
..	..	..								

Budget Estimate of Sanctioned Works of the

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			Stations and Buildings—*cont.*	Rs.	Rs.	Rs.
78	C.E. No. 995 ..	23rd Nov. 1889.	Extension of platform at Kadiampatti ..	835	508	1,343
79	C.E. No. 998 ..	29th ,, ,,	Extension of through siding at Sholinghur	807	1,930	2,737
80	C.E. No. 999 ..	29th ,, ,,	Extension of platform at Chinnammapet.	1,425	1,606	3,031
81	C.E. No. 1089.	21st Dec. ,,	Do. of platform and through siding at Kamalápuram	560	1,813	2,373
82	C.E. No. 1090..	21st ,, ,,	Extension of platform and through siding at Kondapuram	490	1,391	1,881
83	C.E. No. 1078..	20th ,, ,,	Waiting sheds at Gúdalúr	1,076	193	1,269
84	G.O. No. 1414 R.	20th ,, ,,	Station-house at Pennér	9,503	5,607	15,110
85	C.E. No. 20 ..	10th Jan. 1890.	Huts for pointsmen and scavengers at Kadambatur	1,287	353	1,640
86	C.E. No. 21 ..	10th ,, ,,	Huts for pointsmen and scavengers at Tadpatri	2,937	611	3,548
87	G.O. No. 35 R.	11th ,, ,,	Siding and cross-over road at Guntakal..	6,694	60,740	67,434
88	C.E. No. 71 ..	23rd ,, ,,	House for Station-master and Assistant Station-master at McDonald Choultry.	1,224	499	1,723
89	C.E. No. 72 ..	23rd ,, ,,	House for Station-master and Assistant Station-master at Uttukuli	1,230	499	1,729
90	C.E. No. 73 ..	24th ,, ,,	Fixing lightning conductors at Calicut..	349	755	1,104
91	C.E. No. 83 ..	29th ,, ,,	Converting salt godown into running guards' bungalow, Bangalore cantonment	1,387	887	2,274
92	G.O. No. 33 R.	11th ,, ,,	Alterations and additions to station-house at Bangalore cantonment	10,307	9,021	19,328
93	C.E. No. 167 ..	28th Feb. ,,	Alterations and additions to station, Kolar road	2,912	653	3,565
94	C.E. No. 229 ..	10th Mar. ,,	Permanent-way Inspector's bungalow at Pódanúr	2,426	1,075	3,501
95	C.E. No. 228 ..	10th ,, ,,	Double Engine-driver's bungalow at Rénigunta	3,485	1,460	4,945
96	G.O. No. 373 R.	15th ,, ,,	Lay-bye and loading bank at Patchur, Bangalore branch	4,504	4,457	8,961
97	G.O. No. 372 R.	15th ,, ,,	Alterations and additions to sidings at Kolar road	3,265	13,006	16,271
98	C.E. No. 170 ..	20th Feb. ,,	Bungalow for two families for guards at Arkónam	2,932	1,615	4,547
99	C.E. No. 189 ..	27th ,, ,,	Bungalow for two families for guards at Pódanúr	3,018	1,145	4,163
100	G.O. No. 459 R.	1st April ,,	Running Driver's and Firemen's bungalow at Rénigunta	5,611	2,167	7,778
101	C.E. No. 1037..	11th Dec. 1889.	Station master's house at Urampad ..	911	267	1,178
102	C.E. No. 1055..	13th ,, ,,	Station master's house at Reddipalli ..	911	267	1,178
103	C.E. No. 125 ..	10th Feb. 1890.	Emergency stock shed at Gooty ..	988	1,336	2,324
104	G.O. No. 215 R.	11th ,, ,,	Through siding at Viziamangalam ..	3,204	7,508	10,712
105	G.O. No. 216 R.	11th ,, ,,	Station-house at Pallipuram	6,072	7,218	13,290
106	C.E. No. 993 ..	28th Nov. 1889.	Extension of through siding at Tirupatúr	226	861	1,087
107	G.O. No. 1330..	3rd Dec. ,,	Siding and cross-over road at Olavakód..	1,043	5,841	6,884
108	G.O. No. 410 R.	22nd Mar. 1890.	Third line lay-bye, &c., at Mulanur ..	3,910	5,848	9,758
109	C.E. No. 187 ..	27th Feb. ,,	3-ton crane at Mangalam ..	433	1,380	1,813
110	C.E. No. 104 ..	4th ,, ,,	Cross-over road at Kolar road ..	116	1,551	1,667
111	C.E. No. 101 ..	4th ,, ,,	Enlargement of auxiliary well at Thoocock	1,329	..	1,329
112	C.E. No. 347 ..	19th April ,,	Platform at Kadalundi	2,605	1,639	4,244
113	C.E. No. 953 ..	14th Nov. 1889.	Extension of through siding at Coimbatore	489	1,633	2,122
114	C.E. No. 958 ..	14th ,, ,,	Extension of through siding at Gudiyátam	416	1,643	2,059
115	C.E. No. 968 ..	18th ,, ,,	Workshop alongside engine-shed at Rénigunta	507	884	1,391
116	..	..	New minor works— amount expended in excess of Revenue sanction	10,866	..	10,866
			Ballast and Permanent-way.			
117	G.O. No. 17 R.	4th Feb. 1886.	Laying new permanent-way over girder bridge, South-west line	8,115	2,16,284	2,24,399
118	C.E. No. 331 .. / C.E. No. 184 ..	31st Mar. ,, / 3rd Feb. 1887.	Laying new permanent-way over girder bridges, North-west line ..	9,659	3,06,302	3,15,961
			Electric Telegraph.			
119	G.O. No. 798 R.	25th July 1889.	Revised estimate for the extension of block system and introduction of starting semaphore signals, &c., South-west and North-west lines, including additional stations	64,943	1,01,818	1,66,761

Madras Railway for the official year 1890-91—*cont.*

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	235	150	385	600	358	958	..	78
..	..	..	250	500	750	557	1,430	1,987	..	79
..	..	..	350	400	750	1,075	1,206	2,281	..	80
..	..	..	150	500	650	410	1,313	1,723	..	81
..	..	..	100	400	500	390	991	1,381	..	82
..	..	..	350	50	400	726	143	869	..	83
..	..	..	1,500	2,000	3,500	8,003	3,607	11,610	..	84
..	..	..	250	150	400	1,037	203	1,240	..	85
..	..	..	450	200	650	2,487	411	2,898	..	86
..	..	..	..	58,099	58,099	6,694	2,641	9,335	..	87
..	..	..	300	150	450	924	349	1,273	..	88
..	..	..	300	150	450	930	349	1,279	..	89
..	..	..	250	500	750	99	255	354	..	90
..	..	..	400	300	700	987	587	1,574	..	91
..	..	..	2,000	3,000	5,000	8,307	6,021	14,328	..	92
..	..	..	300	200	500	2,612	453	3,065	..	93
..	..	..	..	..	..	2,426	1,075	3,501	..	94
..	..	..	..	..	..	3,485	1,460	4,945	..	95
..	..	..	..	..	..	4,504	4,457	8,961	..	96
..	..	..	..	..	..	3,265	13,006	16,271	..	97
..	..	..	..	..	..	2,932	1,615	4,547	..	98
..	..	..	..	..	..	3,018	1,145	4,163	..	99
..	..	..	..	..	..	5,611	2,167	7,778	..	100
..	..	..	300	150	450	611	117	728	..	101
..	..	..	300	150	450	611	117	728	..	102
..	..	..	500	800	1,300	488	536	1,024	..	103
..	..	..	1,000	3,000	4,000	2,204	4,508	6,712	..	104
..	..	..	500	2,000	2,500	5,572	5,218	10,790	..	105
..	..	..	200	500	700	26	361	387	..	106
..	..	..	500	2,500	3,000	543	3,341	3,884	..	107
..	..	..	..	..	..	3,910	5,848	9,758	..	108
..	..	..	100	500	600	333	880	1,213	..	109
..	..	..	..	..	..	116	1,551	1,667	..	110
..	..	..	400	..	400	929	..	929	..	111
..	..	..	..	..	..	2,605	1,639	4,244	..	112
..	..	..	300	..	300	189	1,633	1,822	..	113
..	..	..	250	..	250	166	1,643	1,809	..	114
..	..	..	250	..	250	257	884	1,141	..	115
..	..	..	10,866	..	10,866	..	..	..	..	116
2,961	1,00,555	1,03,516	2,845	25,000	27,845	1,543	25,000	26,543	66,495	117
611	1,74,645	1,75,256	2,500	25,000	27,500	3,000	30,000	33,000	80,205	118
46,023	84,784	1,30,807	2,000	1,000	3,000	16,920	16,034	32,954	..	119

Budget Estimate of Sanctioned Works of the

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash outlay in India.	Value of stores.	Total expenditure.
				RS.	RS.	RS.
			ELECTRIC TELEGRAPH—*cont.*			
120	C.E. No. 490 ..	26th July 1887.	Electric starting semaphore signal interlocked with block instruments required at stations on the Calicut extension ..	768	1,008	1,776
121	C.E. No. 490 ..	26th ,, ,,	Instruments, stores, &c., required for opening telegraph offices at stations on the Calicut extension	1,092	903	1,995
122	C.E. No. 830 ..	28th Nov. ,,	Supplementary estimate of the cost of posts, wires, &c., for electric starting semaphore signal and bell circuits on the Calicut extension	319	983	1,302
123	C.E. No. 881 ..	21st Dec. 1889.	Posts, wires, instruments, &c., required for the erection of electric telegraph on the Pálghat extension	635	1,429	2,064
124	C.E. No. 881 ..	21st ,, 1887.	Electric starting semaphore signal interlocked with block instruments required for stations on the Pálghat extension ..	332	341	673
125	G.O. No. 111 R.	1st Feb. 1889.	Single needle instruments, batteries, &c., for trial or additional stations ..	4,122	3,588	7,710
			Total, Engineering Department ..	24,79,728	37,04,261	61,83,989
			CARRIAGE AND WAGON DEPARTMENT.			
1	C.E. No. 466 ..	28th May 1889.	One reserved saloon	2,530	4,250	6,780
2	C.E. No. 535 ..	22nd June ,,	Twelve brake-vans	7,200	33,000	40,200
3	C.E. No. 361 .. / G.O. No. 1319 R.	20th April ,, / 28th Nov. ,,	Two hundred iron-covered goods wagons	20,000	3,84,000	4,04,000
4	C.E. No. 561 ..	26th July 1888.	Fifty iron open wagons for stone traffic ..	7,500	65,000	72,500
5	G.O. No. 1213 R.	6th Nov. 1889.	One composite carriage	1,500	4,200	5,700
6	G.O. No. 1213 R.	6th ,, ,,	Thirty-six third-class carriages ..	27,000	99,000	1,26,000
7	G.O. No. 1213 R.	6th ,, ,,	Fourteen ambulance carriages ..	12,600	43,400	56,000
			Total, Carriage and Wagon Department ..	78,330	6,32,850	7,11,180
			Total, Schedule A ..	25,58,058	43,37,111	68,95,169

SCHEDULE B, OR CONSTRUCTION

Budget Estimate of Unsanctioned Works of the

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash outlay in India.	Value of stores.	Total.
			ENGINEERING DEPARTMENT.	RS.	RS.	RS.
			EARTHWORK.			
1	..	..	Pitching the embankment of tank at 99/8-14 miles, South-west line ..	1,143	..	1,143
2	..	..	Pitching the embankment of tank at 46/7½ to 47/3 miles, South-west line ..	1,759	..	1,759
3	..	..	Raising line at 60th mile, South-west line.	9,260	808	10,068
			BRIDGEWORK.			
4	..	..	Removing existing girders and fixing new girders along side Thootha bridge ..	4,663	7,086	11,749
			STATIONS AND BUILDINGS.			
5	..	..	Bungalows for two families to be provided at two stations, Traffic Department	19,335	9,852	29,187
6	..	..	Houses for subordinate staff, Traffic Department	9,833	2,337	12,170
7	..	..	Houses for Station-masters	6,423	2,966	9,389
8	..	..	Four houses for Native clerks, Guntakal junction, Traffic Department ..	2,507	879	3,386
9	..	..	Running Drivers' bungalow at Rénigunta	7,168	1,426	8,594
10	..	..	One block of two bungalows for European and Eurasian firemen at Katpadi ..	2,022	398	2,420

Madras Railway for the official year 1890-91—*cont.*

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
167	216	383	601	792	1,393	..	..	..	..	120
867	497	1,364	225	406	631	..	..	..	..	121
66	534	600	253	449	702	..	..	..	..	122
316	1,091	1,407	319	338	657	..	..	..	..	123
37	37	74	295	304	599	..	..	..	..	124
..	..	..	700	1,100	1,800	3,422	2,488	5,910	..	125
14,47,276	23,34,683	37,81,959	5,01,035	5,05,358	10,06,393	2,77,000	6,66,086	9,43,086	4,52,551	
2,501	4,130	6,631	29	120	149	..	..	..	..	1
..	..	..	4,800	22,000	26,800	2,400	11,000	13,400	..	2
2,020	72,298	74,318	15,980	2,73,302	2,89,282	2,450	38,400	40,850	..	3
..	..	..	2,500	89,500	*92,000	..	..	..	..	4
..	..	..	750	2,100	2,850	750	2,100	2,850	..	5
..	..	..	9,000	33,000	42,000	18,000	66,000	84,000	..	6
..	..	..	4,200	14,500	18,700	8,400	28,900	37,300	..	7
4,521	76,428	80,949	37,259	4,34,522	4,71,781	32,000	1,46,400	1,78,400	..	
14,51,797	24,11,111	38,62,908	5,38,294	9,39,880	14,78,174	3,09,000	8,12,486	11,21,486	4,52,551	

* Revised estimate submitted.

WORKS—PART II.

MADRAS RAILWAY for the official year 1890-91.

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
			..	..	..	1,143	..	1,143	..	1
..	..	..	..	..	..	1,759	..	1,759	..	2
..	..	..	..	..	..	9,260	808	10,068	..	3
..	..	..	..	..	..	4,663	7,086	11,749	..	4
..	..	..	..	..	..	14,335	9,852	24,187	5,000	5
..	..	..	..	..	..	9,833	2,337	12,170	..	6
..	..	..	..	..	..	6,423	2,966	9,389	..	7
..	..	..	..	..	..	2,507	879	3,386	..	8
..	..	..	..	..	..	7,168	1,426	8,594	..	9
..	..	..	..	..	..	2,022	398	2,420	..	10

Budget Estimate of Unsanctioned Works of the Madras Railway for the official year 1890-91—*cont.*

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash outlay in India.	Value of stores.	Total.	Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
			Stations and Buildings—*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
11	..	..	One block of 4 bungalows for European and Eurasian firemen at Pódanúr ..	3,145	1,521	4,666	..	..	..	..	..	..	3,145	1,521	4,666	..	11
12	..	..	Two houses for Native clerks and 8 houses for Native fitters at Bangalore ..	6,456	2,022	8,478	..	..	..	..	..	..	6,456	2,022	8,478	..	12
13	..	..	Chattram for Native drivers at Podanúr.	1,249	560	1,809	..	..	..	..	..	..	1,249	560	1,809	..	13
14	..	..	Prosecuting Inspector's bungalow at Gooty	2,359	817	3,176	..	..	..	..	..	..	2,359	817	3,176	..	14
15	..	..	Scavengers' huts at Rénigunta ..	2,639	612	3,251	..	..	..	..	..	..	2,639	612	3,251	..	15
16	..	..	Do. at Cuddapah ..	1,834	408	2,242	..	..	..	..	..	..	1,834	408	2,242	..	16
17	..	..	Junction arrangements at Katpadi ..	75,000	75,000	1,50,000	..	..	..	..	..	..	25,000	75,000	1,00,000	50,000	17
18	..	..	Station-houses to be provided at 3 trial stations	20,948	14,570	35,518	..	..	..	..	..	..	20,812	14,570	35,382	136	18
19	..	..	Ten huts for scavengers, Calicut ..	2,100	400	2,500	..	..	..	..	..	..	2,100	400	2,500	..	19
20	..	..	Four crossing stations	10,188	30,285	40,473	..	..	..	..	..	..	10,188	30,285	40,473	..	20
21	..	..	Six sheds for carriage and wagon repairing and lifting at Perambúr Works ..	11,082	46,212	57,294	..	..	..	..	..	..	7,082	46,212	53,294	4,000	21
22	..	..	Lengthening of engine shed to accommodate 8 engines at Rénigunta ..	5,628	9,004	14,632	..	..	..	..	..	..	5,628	9,004	14,632	..	22
23	..	..	Engine turn-table and siding at Kolar road	2,410	7,043	9,453	..	..	..	..	..	..	2,410	7,043	9,453	..	23
24	..	..	Extension of trimming shop in carriage shop, Perambúr	78	1,158	1,236	..	..	..	..	..	..	78	1,158	1,236	..	24
25	..	..	Extension and enlargement of station-house at Bangalore City	8,309	7,238	15,547	..	..	..	..	..	..	4,309	7,238	11,547	4,000	25
26	..	..	Extension of platforms and through sidings	3,037	14,608	17,645	..	..	..	..	..	..	3,037	14,608	17,645	..	26
27	..	..	Extension of platform at Salem ..	670	519	1,189	..	..	..	..	..	..	670	519	1,189	..	27
28	..	..	Extension of goods shed at Kolar road ..	2,485	2,181	4,666	..	..	..	..	..	..	2,485	2,181	4,666	..	28
29	..	..	Booking office, oil and store room, waiting shed and road goods room at Vizianagalam	1,734	758	2,492	..	..	..	..	..	..	1,734	758	2,492	..	29
30	..	..	Booking office, oil and store room, waiting shed and road goods room at Kakankarai	1,724	758	2,482	..	..	..	..	..	..	1,724	758	2,482	..	30
31	..	..	Booking office, oil and store room, waiting shed and road goods room at Gúdalúr	1,143	370	1,513	..	..	..	..	..	..	1,143	370	1,513	..	31
32	..	..	Booking office, oil and store room, waiting shed, road goods room and lay-bye at Singanallur	2,367	2,678	5,045	..	..	..	..	..	..	2,367	2,678	5,045	..	32
33	..	..	Booking office, oil and store room and road goods room at Ariyanur ..	1,730	758	2,488	..	..	..	..	..	..	1,730	758	2,488	..	33
34	..	..	Platforms to be provided at trial stations.	5,341	5,990	11,331	..	..	..	..	..	..	5,341	5,990	11,331	..	34
35	..	..	Lay-bye at Mulanur	615	1,910	2,525	..	..	..	..	..	..	615	1,910	2,525	..	35
36	..	..	Fixing lightning conductors to buildings at Rénigunta	306	755	1,061	..	..	..	..	..	..	306	755	1,061	..	36
37	..	..	Drainage at Bangalore City station ..	1,200	90	1,290	..	..	..	..	..	..	1,200	90	1,290	..	37
38	..	..	Lavatory and latrines for 1st and 2nd class passengers at Central Station	2,000	3,000	5,000	..	..	..	..	..	..	2,000	3,000	5,000	..	38
39	..	..	Alterations to Perambúr level crossings ..	9,557	2,848	12,405	..	..	..	..	..	..	557	2,848	3,405	9,000	39
40	..	..	Lay-byes to be provided at trial stations.	3,044	6,520	9,564	..	..	..	..	..	..	3,044	6,520	9,564	..	40
41	..	..	Shed, foundation, unloading platform, &c., required for the introduction of electric lights in trains	3,000	1,000	4,000	..	..	..	..	..	..	1,000	1,000	2,000	2,000	41
42	..	..	School-room at Cuddapah	3,378	4,118	7,496	..	..	..	..	..	..	789	4,118	4,907	2,589	42
43	..	..	Watering arrangements at Bangalore ..	4,102	4,000	8,102	..	..	..	..	..	..	4,102	4,000	8,102	..	43
44	..	..	Do. do. at Salem ..	3,769	22,457	26,226	..	..	..	..	..	..	3,769	22,457	26,226	..	44
45	..	..	Do. do. at Mulanur ..	338	1,628	1,966	..	..	..	..	..	..	338	1,628	1,966	..	45
46	..	..	Extension of platform and through siding at Kupgal	1,052	1,662	2,714	..	..	..	..	..	..	1,052	1,662	2,714	..	46
47	..	..	Extension of platform and through siding at Parpangadi	1,759	2,919	4,678	..	..	..	..	..	..	1,759	2,919	4,678	..	47
48	..	..	Extension of platform and through siding at Parli	1,404	1,661	3,065	..	..	..	..	..	..	1,404	1,661	3,065	..	48
49	..	..	Extension of platform and through siding at Lakkidi	1,430	2,289	3,719	..	..	..	..	..	..	1,430	2,289	3,719	..	49
50	..	..	Extension of platform and provision of rooms at Perambúr	3,585	3,756	7,341	..	..	..	..	..	..	3,585	3,756	7,341	..	50
51	..	..	Extension of platform at Erode ..	463	200	663	..	..	..	..	..	..	463	200	663	..	51
52	..	..	Extension of platform at Tirupatúr ..	890	336	1,226	..	..	..	..	..	..	890	336	1,226	..	52
53	..	..	Extension of through siding at Mullapuram	371	980	1,351	..	..	..	..	..	..	371	980	1,351	..	53
54	..	..	Extension of through siding at Shoranur.	456	1,346	1,802	..	..	..	..	..	..	456	1,346	1,802	..	54
55	..	..	Extension of through siding at Mórappur.	315	821	1,136	..	..	..	..	..	..	315	821	1,136	..	55
56	..	..	Platform at Eddakolam	2,119	1,388	3,507	..	..	..	..	..	..	2,119	1,388	3,507	..	56
57	..	..	Platform at Devengoondi	1,520	1,443	2,963	..	..	..	..	..	..	1,520	1,443	2,963	..	57
58	..	..	Platform and lay-bye at Vallur ..	2,072	3,448	5,520	..	..	..	..	..	..	2,072	3,448	5,520	..	58
59	..	..	Goods shed to be doubled in length at Tadpatri	2,601	2,681	5,282	..	..	..	..	..	..	2,601	2,681	5,282	..	59

Budget Estimate of Unsanctioned Works of the Madras Railway for the official year 1890-91—*cont.*

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash outlay in India.	Amount of Estimate. Value of stores.	Amount of Estimate. Total.	Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Actual Expenditure up to close of official year 1888-89. Value of stores.	Actual Expenditure up to close of official year 1888-89. Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Probable Expenditure during 1889-90. Value of stores.	Probable Expenditure during 1889-90. Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Budget Estimate of Expenditure for official year 1890-91. Value of stores.	Budget Estimate of Expenditure for official year 1890-91. Total.	Estimated expenditure in future years.	Number of items.
			Stations and Buildings—*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
60	..	..	Extension of goods shed at Tirupur ..	2,367	2,416	4,783	..	..	..	..	..	..	2,367	2,416	4,783	..	60
61	..	..	Station-house at Kagankarai	1,729	860	2,589	..	..	..	..	..	..	1,729	860	2,589	..	61
63	..	..	Booking office, oil and store room, road goods room and waiting shed at Ketandapatti	1,722	758	2,480	..	..	..	..	..	..	1,722	758	2,480	..	62
64	..	..	Third-class waiting room to be enlarged at Ferok	2,809	2,754	5,563	..	..	..	..	..	..	2,809	2,754	5,563	..	63
65	..	..	House for stationmaster at Yerraguntla..	917	266	1,183	..	..	..	..	..	..	917	266	1,183	..	64
66	..	..	Do. do. at Tungabhadra	924	266	1,190	..	..	..	..	..	..	924	266	1,190	..	65
67	..	..	House for stationmaster and house for subordinate staff at Gúdalúr	1,900	555	2,455	..	..	..	..	..	..	1,900	555	2,455	..	66
68	..	..	Assistant stationmaster's house at Kuppam	752	267	1,019	..	..	..	..	..	..	752	267	1,019	..	67
69	..	..	Assistant stationmaster's house at Kadgudi	785	267	1,052	..	..	..	..	..	..	785	267	1,052	..	68
70	..	..	Re-arrangements of yard at Jalárpet ..	6,230	9,907	16,137	..	..	..	..	..	..	6,230	9,907	16,137	..	69
71	..	..	Alterations and additions of sidings, &c., at Salem	1,293	3,432	4,725	..	..	..	..	..	..	1,293	3,432	4,725	..	70
72	..	..	Station-house at Kadalundi	7,325	3,581	10,906	..	..	..	..	..	..	7,325	3,581	10,906	..	71
73	..	..	Lay-bye at Tudiyalur	584	1,821	2,405	..	..	..	..	..	..	584	1,821	2,405	..	72
74	..	..	Third-class waiting-room, &c., at Tiruvallam	1,259	1,483	2,742	..	..	..	..	..	..	1,259	1,483	2,742	..	73
75	..	..	Running guard's bungalow at Bangalore.	2,864	960	3,824	..	..	..	..	..	..	2,864	960	3,824	..	74
			Drainage at 228/12 and 229/1 miles, North-west line	3,150	..	3,150	..	..	..	..	..	..	3,150	..	3,150	..	75
			Electric Telegraph.														
76	..	..	Introduction of electric light in trains ..	3,000	12,000	15,000	..	..	..	..	..	..	1,000	12,000	13,000	2,000	76
			Total, Engineering Department ..	3,28,725	3,66,071	6,94,796	..	..	..	..	..	..	2,50,000	3,66,071	6,16,071	78,725	
			Carriage and Wagon Department.														
			100 iron-covered goods wagons ..	10,000	1,92,000	2,02,000	..	..	..	..	..	..	10,000	1,92,000	2,02,000	..	
			Total, Schedule B. ..	3,38,725	5,58,071	8,96,796	..	..	..	..	..	..	2,60,000	5,58,071	8,18,071	78,725	

Schedule C, or Construction Works—Part III.

Budget Estimate of Expenditure on Capital Establishment of the Madras Railway during the official year 1890-91.

Number. 1889-90.	Number. 1890-91.	Detail.	Actuals for 1888-89.	Budget Estimate for 1889-90.	Revised Estimate for 1889-90.	Budget Estimate for 1890-91.
			Rs.	Rs.	Rs.	Rs.
..	..	Estimate of establishment ..	14,408	20,000	1,050	..

Schedule D, or Construction Works—Part IV.

Budget Estimate of Emergent Works of the Madras Railway for the official year 1890-91.

Nil.

Schedule E.

Budget Estimate of Expenditure for Purchase of Stores for the Madras Railway during 1890-91.

Detail.	Actual purchase during 1888-89. Quantity.	Actual purchase during 1888-89. Amount.	Probable purchases during 1889-90. Quantity.	Probable purchases during 1889-90. Amount.	Estimated purchases during 1890-91. Quantity.	Estimated purchases during 1890-91. Amount.
		Rs.		Rs.		Rs.
In India.						
Firewood .. .. Tons.	99,150	5,22,509	94,100	5,00,000	94,100	5,00,000
Oil of sorts .. .. lb.	1,011,996	1,18,063	7,06,200	1,25,500	7,55,500	1,32,500
Cotton waste, &c. .. .. .. ,,	79,078	9,295	85,300	8,000	93,830	8,800
Timber of all kinds .. .. .. Tons.	2,205	2,48,109	2,442	2,61,000	2,324	2,82,000
Tallow, country .. .. .. lb.	21,143	4,492	4,400	1,000	4,840	1,100
Wooden sleepers .. .. .. No.	6,868	34,302	..	18,000	..	16,000
Do. keys .. .. ,,	151,665	5,299	..	10,500	..	12,000
Materials for tarpaulins	..	26,192	..	24,000	..	20,000
Manufacture of stores	..	1,12,272	..	1,10,000	..	1,10,000
Freight and landing charges	..	81,604	..	1,20,000	..	1,20,000
Pot sleepers cast in Perambúr Workshops ..	..	..	..	5,000	..	12,000
Sundry stores	..	2,27,312	..	2,22,656	..	1,61,600
Total ..	..	13,89,449	..	14,05,656	..	13,76,000
In England.						
Coal, coke and patent fuel .. .. Tons.	8,979	1,57,155	8,118	1,71,000	11,750	2,62,000
Cylinders .. .. No.	17	14,125	..	..	..	..
Brass and copper pipes, tubes, &c. .. Tons.	14	10,757	..	29,000	..	10,000
Iron and steel plates and bars .. .. ,,	324	32,699	..	34,000	..	25,000
Materials for renewals of rolling-stock chiefly iron work	..	30,624	..	35,000	..	90,000
New covered goods wagons (iron) .. No.	60	1,04,029	125	2,37,500	150	2,85,000
Tyres, engines and carriages .. .. Tons.	457	43,442	..	17,280	..	16,000
Iron open goods wagons for stone traffic. No.	..	..	50	65,000	..	..
Machinery	..	16,529	..	..	..	..
Axles, crank .. .. No.	..	..	12	6,600	..	15,000
Axles, carriages .. .. .. ,,	400	11,253	..	15,000	..	..
Wheels and axles, engines	..	..	3	8,320	8	1,94,080
Locomotive	..	..	..	..	..	2,20,000
Permanent-way materials .. .. Tons.	1,246	70,792	..	2,63,000	..	4,50,000
Girders and iron cylinders .. .. ,,	2,256	2,59,256	..	1,28,000	..	29,000
Telegraph stores	..	6,852	..	15,000	..	6,000
Materials for tarpaulins	..	30,624	..	6,000	..	1,64,920
Sundry stores	..	1,89,873	..	4,04,300	..	..
Total ..	..	9,78,010	..	14,35,600	..	17,67,000
Total, Schedule E. ..	..	23,67,459	..	28,40,656	..	31,43,000

Memorandum.

	Rs.
Actual balance of stores in hand, 1st April 1889	23,27,466
Estimated purchases during 1889-90 as above	28,40,656
Total ...	51,68,122
Estimated issues during 1889-90	24,29,422
Estimated balances on 1st April 1890	27,38,700
Estimated purchases during 1890-91	31,43,000
Total ...	58,81,700
Estimated issues during 1890-91	36,05,180
Estimated balances on 1st April 1891	22,76,520

English Transactions.

	Budget Estimate, 1890-91.
	Rs.
Indents to be sent Home during year	10,84,100
Add for indents of previous year expected to be complied within official year	11,93,580
Add English establishment charges	1,75,000
Total ...	24,52,680
Deduct amount of orders not expected to be complied with until next year	5,10,680
Net Capital cash transactions in England	19,42,000

Schedule F.

Estimate of Traffic Receipts of the Madras Railway, 1890-91.

Number of miles open for traffic on 1st April 1889	840
Expected to be opened during 1889-90	...
Total on 1st April 1890 ...	840
Expected to be opened during 1890-91	...
Total likely to be opened at end of 1890-91	840
Average number of miles expected to be opened during the whole of 1890-91	840

—	Actuals in 1888-89.	Sanctioned Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	Rs.	Rs.	Rs.	Rs.
Coaching traffic	36,35,901	36,00,000	38,30,000	39,00,000
Goods do.	46,79,107	47,20,000	51,50,000	51,00,000
Electric telegraph	18,048	20,000	20,000	20,000
Sundries	2,05,748	1,60,000	2,00,000	2,30,000
Total ...	85,38,804	85,00,000	92,00,000	92,50,000
Train mileage	2,365,885	2,371,000	2,369,000	2,370,000

SCHEDULE G.

ESTIMATE OF REVENUE EXPENDITURE ON THE MADRAS RAILWAY for the official year 1890-91.

—	Actuals in 1888-89.	Sanctioned Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	RS.	RS.	RS.	RS.
Maintenance of Way, Works and Stations.				
1. General superintendence	2,52,676	2,50,000	2,70,000	2,40,000
2. Maintenance and renewal of permanent-way	5,58,565	5,45,000	5,60,000	5,70,000
3. Repairs of bridges, &c., wages and materials.	2,70,144	3,45,000	2,30,000	2,80,000
3-A. Conservancy of rivers	...	...	...	...
4. Repairs of stations and buildings	1,08,219	2,00,000	1,30,000	1,10,000
5. Maintenance by contract	...	...	...	...
6. New minor works	20,571	20,000	20,000	20,000
7. Unclassified expenditure	1,77,527	1,40,000	1,80,000	1,60,000
Total ...	13,87,702	15,00,000	13,90,000	13,80,000
Deduct value of stores returned to stock ...	4,648	...	...	...
Total ...	13,83,054	15,00,000	13,90,000	13,80,000
Locomotive Expenses.				
1. General superintendence	1,02,047	1,20,000	1,02,000	1,02,000
2. Running expenses (wages connected with the working of locomotive engines)	3,15,142	3,10,000	3,20,000	3,16,000
3. Fuel	5,59,500	5,55,000	6,40,000	6,00,000
4. Water (including wages and stores) ...	20,834	24,000	22,000	20,000
5. Oil, tallow and other stores (expended on engines in work)	32,970	36,000	34,000	30,000
6. Maintenance and renewals of locomotive engines and machinery	4,65,120	4,50,000	4,98,000	6,50,000
7. New minor works	1,491	2,500	2,500	2,000
8. Payments to other lines	...	...	...	...
9. Unclassified expenditure	1,20,540	1,42,500	1,40,000	1,00,000
Total ...	16,17,644	16,40,000	17,58,500	18,20,000
Carriage and Wagon Expenses.				
1. General superintendence	43,462	40,000	46,000	42,000
2. Repairs and renewals of vehicles and machinery	4,85,852	5,00,000	5,00,000	4,90,000
3. Cleaning carriages and wagons and oiling.	52,987	60,000	56,000	55,500
4. New minor works	503	2,500	2,500	2,500
5. Unclassified expenditure	51,036	67,500	50,000	40,000
Total ...	6,33,840	6,70,000	6,54,500	6,30,000
Deduct sum chargeable to Fire Insurance Fund	3,945	...	...	...
Total ...	6,29,895	6,70,000	6,54,500	6,30,000

Estimate of Revenue Expenditure on the Madras Railway for the official year 1890-91—*cont.*

—	Actuals in 1888-89.	Sanctioned Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	RS.	RS.	RS.	RS.
Traffic Expenses.				
1. Salaries, wages, &c.	5,82,938	5,55,000	5,84,000	5,85,000
2. Fuel, lighting, water and general stores ...	1,13,484	1,12,000	1,12,000	1,12,000
3. Clothing	13,584	8,500	10,000	9,000
4. Printing, stationery and tickets	67,363	60,000	64,500	65,000
5. Charges for delivery and collection of goods, &c.	1,891	1,500	1,500	1,000
6. Miscellaneous expenses	6,438	6,000	6,000	6,000
7. Payments to other lines	...	...	...	...
8. Unclassified expenditure	21,386	22,000	22,000	22,000
Total ...	8,07,084	7,65,000	8,00,000	8,00,000
Deduct sum chargeable to Fire Insurance Fund	560	...	...	...
Total ...	8,06,524	7,65,000	8,00,000	8,00,000
General Charges.				
1. Home expenditure	68,699	70,000	68,000	68,000
2. Salaries of Indian management including offices	2,50,427	2,45,000	2,50,000	2,55,000
3. Police	43,867	40,000	43,000	46,000
4. Advertising (all advertisements of all departments)	4,583	3,000	5,000	6,000
5. Electric Telegraph	1,04,549	1,10,000	1,17,000	1,06,000
6. Clearing accounts with other lines ...	...	...	...	...
7. Unclassified expenditure	33,569	12,000	25,000	27,000
Total ...	5,05,694	4,80,000	5,08,000	5,08,000
Deduct sum chargeable to Fire Insurance Fund	4,454	...	8,000	8,000
Total ...	5,01,240	4,80,000	5,00,000	5,00,000
Special and Miscellaneous Expenditure.				
1. Law charges	7,728	6,000	6,000	2,000
2. Compensation	16,806	6,000	15,000	5,000
3. Rates and taxes (including Municipal water-rates)	13,005	15,000	12,000	8,000
4. Payments to other lines	3,392	6,000	5,000	1,000
5. Prizes for station gardens, &c.	436	2,000	2,000	1,000
6. Contribution to	...	...	...	...
7. Miscellaneous expenditure	14,997	10,000	7,000	3,000
Total ...	56,364	45,000	47,000	20,000
Deduct sum chargeable to Fire Insurance Fund	7,958	...	...	...
Total ...	48,406	45,000	47,000	20,000

(Signed) F. DUNSTERVILLE,
Acting Chief Auditor.

MADRAS,
7th May 1890.

(Signed) F. H. TREVITHICK,
Acting Agent and Manager.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read again the following paper :—

G.O., dated 9th April 1890, No. $\frac{482}{B.}$ R., Public Works.

Read again the following papers :—

G.O., dated 10th January 1890, No. 27 R., Public Works.

From the Consulting Engineer for Railways, dated Madras, 10th January 1890, No. 17.

CAPITAL ACCOUNT.

ABSTRACT OF ESTIMATED CASH EXPENDITURE in INDIA on the MADRAS RAILWAY for the official year 1890-91.

Particulars.	Actuals for 1888-89.	Budget Estimate for 1889-90.	Revised Estimate for 1889-90.	Budget Estimate for 1890-91.
CAPITAL OUTLAY.	RS.	RS.	RS.	RS.
Engineering Department.				
Sanctioned works as per schedule A	6,95,604	5,00,000	5,01,035	2,76,871
Works to be sanctioned do. B	...	2,50,000	...	3,87,518
Emergent works do. D	...	...	20,000	20,000
Locomotive Department.				
Sanctioned works as per schedule A	...	...	...	...
Works to be sanctioned do. B	...	...	...	...
Carriage and Wagon Department.				
Sanctioned works as per schedule A	16,952	7,500	37,259	31,550
Works to be sanctioned do. B	...	25,000	...	10,000
General.				
Establishment chargeable to Capital as per General estimate of Establishment C ...	14,408	20,000	1,050	...
Stores as per schedule E	13,89,449	11,92,500	14,35,656	14,12,800
Miscellaneous	6,472	5,000	5,000	5,000
	21,22,885	...	...	...
Deduct—Increase in credit balance of Capital Advance Account, &c.	78,109	...	...	...
Total withdrawals on Capital Account ...	20,44,776	20,00,000	20,00,000	21,43,739
Receipts to be credited to Capital Account ...	...	...	...	...
Share Capital paid in India	...	...	...	...
Refunds on account of stores sold to Revenue and others	18,73,749	18,50,000	20,00,000	20,00,000
Refunds of receipts from Revenue for work done	...	...	...	...
Other Refunds—				
Home expenditure, &c.	2,02,645	3,50,000	2,25,000	3,00,000
Amount less credited to refunds	2,102	...	...	...
Total payments in Treasury on Capital Account.	20,78,496	22,00,000	22,25,000	23,00,000
Net cash demand in India on Capital Account.	**33,720**	**2,00,000**	**2,25,000**	**1,56,261**
ENGLAND.				
PURCHASE OF STORES.				
Indents to be sent Home during the year ...	...	9,66,400	15,86,380	10,84,100
Previous Indents to be complied with ...	...	5,69,044	9,34,500	11,93,580
Total ...	...	15,35,444	25,20,880	22,77,680
Deduct for Indents estimated to be complied with in the following year ...	...	6,11,444	11,93,580	3,77,500
Total outlay for Stores ...	9,78,010	9,24,000	13,27,300	19,00,180
HOME EXPENDITURE AND PAYMENTS.				
Home expenditure	68,699	90,000	75,000	75,000
Furlough and sick leave allowances	22,956	35,000	30,000	30,000
Family and sundry payments less receipts ...	63,363	75,000	70,000	70,000
Total Home expenditure and payments ...	1,55,018	2,00,000	1,75,000	1,75,000
Total cash demand in England ...	11,33,028	11,24,000	15,02,300	20,75,180

REVENUE ACCOUNT.

ABSTRACT of ESTIMATED REVENUE RECEIPTS and EXPENDITURE of the MADRAS RAILWAY for the official year 1890-91.

Particulars.	Actuals for 1888-89.	Budget Estimate for 1889-90.	Revised Estimate for 1889-90.	Budget Estimate for 1890-91.
RECEIPTS AS PER SCHEDULE F.	RS.	RS.	RS.	RS.
Coaching traffic	36,35,901	36,00,000	38,30,000	38,80,000
Goods do.	46,79,107	47,20,000	51,00,000	49,00,000
Electric telegraph earnings	18,048	20,000	20,000	20,000
Sundries	2,05,748	1,60,000	2,00,000	2,00,000
Total (1) ...	85,38,804	85,00,000	91,50,000	90,00,000
Receipts on account of traffic appertaining to other lines	5,83,933	6,25,000	6,50,000	6,50,000
Receipts from Capital Account other than traffic earnings	...	...	...	...
Receipts from foreign lines other than traffic earnings	...	...	...	...
Other abnormal receipts in detail, or as per schedule attached	...	...	...	...
Total payments into Treasury on Revenue Account (2) ...	91,22,737	91,25,000	98,00,000	96,50,000
EXPENDITURE AS PER SCHEDULE G.				
Maintenance of way, works, and stations ...	13,83,054	15,00,000	13,90,000	14,10,000
Locomotive expenses	16,17,644	16,40,000	17,58,500	20,35,500
Carriage and wagon expenses	6,29,895	6,70,000	6,54,500	6,60,000
Traffic expenses	8,06,524	7,65,000	8,00,000	8,00,000
General charges	5,01,240	4,80,000	5,27,600	5,45,500
Special and miscellaneous expenditure ...	48,406	45,000	69,400	49,000
Total (3) ...	49,86,763	51,00,000	52,00,000	55,00,000
Payments to other lines for their proportion of through traffic, &c.	5,05,586	6,25,000	6,50,000	6,50,000
Payments to Capital Account other than for stores, &c., included in the working expenses in schedule G.	...	...	...	...
Other abnormal payments in detail, or as per schedule attached	...	...	...	...
Total withdrawals from treasury on Revenue Account (4) ...	54,92,349	57,25,000	58,50,000	61,50,000
Net earnings (1)—(3) ...	35,52,041	34,00,000	39,50,000	35,00,000
Net receipts (2)—(4) ...	36,30,388	34,00,000	39,50,000	35,00,000
Surplus profits ...	...	...	...	...

CAPITAL.

Schedule A, or Construction Budget Estimate of Sanctioned Works of the Madras Railway for the official year 1890-91.

Works—Part I.

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT.	Rs.	Rs.	Rs.
			Earth-work.			
1	C.E. No. 663 ..	12th Aug. 1889.	Pitching the embankment of the Ambatur tank at 10/9 miles, South-west line ..	3,267	..	3,267
			Bridge-work.			
2	C.E. No. 541 ..	16th Aug. 1884.	Reconstruction of the Pennér bridge ..	4,20,282	5,37,706	9,57,988
	G.O. No. 315 R.	17th Mar. ,,				
	G.O. No. 773 R.	24th July ,,				
	G.O. No. 828 R.	9th Sept. ,,				
	C.E. No. 467 ..	3rd Aug. 1886.				
	C.E. No. 778 ..	15th Nov. 1887.				
	G.O. No. 404 R.	17th May 1888.				
	C.E. No. 1014..	14th Dec. ,,				
	G.O. No. 531 R.	13th May 1889.				
	G.O. No. 502 R.	4th ,, ,,				
3	G.O. No. 911 R.	6th Dec. 1886.	New bridge over the Chitrávati river ..	3,97,771	7,66,956	11,64,727
	C.E. No. 769 ..	7th ,, ,,				
4	G.O. No. 773 R.	18th Oct. ,,	New bridge over the Pápaghni river ..	2,11,872	7,20,874	9,32,746
	G.O. No. 932 R.	13th Dec. ,,				
	C.E. No. 790 ..	15th ,, ,,				
5	G.O. No. 518 R.	26th Feb. 1889.	Over-bridge at east end of Perambúr station.	591	4,831	5,422
	C.E. No. 190 ..	1st Mar. ,,				
6	C.E. No. 699 ..	10th Sept. 1888.	Foot-bridge at west end of Perambúr works.	817	6,221	7,038
	C.E. No. 701 ..	24th Aug. 1889.				
7	C.E. No. 19 ..	9th Jan. ,,	Protective works at 201/12 to 203/11 miles, North-west line	2,511	394	2,905
			Extension of Line.			
8	C.E. No. 52 ..	26th Jan. 1886.	Extension of line to Calicut	3,68,640	4,88,557	8,57,197
	C.E. No. 882 ..	21st Dec. 1887.				
			Stations and Buildings.			
9	C.E. No. 756 ..	22nd Sept. 1888.	Station-house, &c., at Tyakal	3,070	1,562	4,632
10	G.O. No. 844 R.	20th Oct. ,,	Do. at Sevapet ..	7,079	7,129	14,208
	C.E. No. 873 ..	23rd ,, ,,				
11	G.O. No. 127 R.	1st Feb. 1889.	Do. at Ulli	3,630	4,307	7,937
	C.E. No. 113 ..	4th ,, ,,				
12	G.O. No. 379 R.	6th April ,,	Do. at Krishnapuram ..	3,035	2,841	5,876
13	G.O. No. 558 R.	17th May ,,	Do. at Jakkulacheruvu ..	8,883	14,282	23,165
14	G.O. No. 552 R.	15th ,, ,,	Do. at Vanganur ..	10,089	12,393	22,482
15	G.O. No. 588 R.	8th Aug. 1887.	Do. at Kallavi ..	7,528	3,985	11,513
	G.O. No. 645 R.	2nd Sept. ,,				
	C.E. No. 713 ..	11th ,, 1888.				
16	G.O. No. 812 R.	4th Nov. 1887.	Do. at Buddireddipatti ..	6,675	4,188	10,863
	C.E. No. 1010..	13th Dec. 1888.				
17	G.O. No. 129 R.	17th Feb. ,,	Three sheds at south-west end of carriage shop, Perambúr works.	6,551	13,200	19,751
	C.E. No. 435 ..	16th May 1889.				
18	G.O. No. 94 R.	7th Feb. 1888.	Crossing station at Patchur, Bangalore branch.	7,142	10,543	17,685
	C.E. No. 218 ..	11th Mar. 1889.				
19	G.O. No. 94 R.	7th Feb. 1888.	Crossing station at Mullanur ..	12,468	13,191	25,659
	C.E. No. 217 ..	11th Mar. 1889.				
20	C.E. No. 154 ..	25th Feb. 1888.	Crossing station at 155th mile, North-west line.	5,972	8,692	14,664
	C.E. No. 185 ..	28th ,, 1889.				
21	G.O. No. 68 R.	26th Jan. 1888.	Alterations and additions to Raichur station	5,559	5,481	11,040
22	G.O. No. 869 R.	20th Nov. 1886.	Alterations and additions to Rénigunta station in consequence of junction arrangements with Cuddapah-Nellore State Railway.	36,704	46,543	83,247
	C.E. No. 791 ..	15th Dec. ,,				
	G.O. No. 365 R.	1st April 1889.				
23	C.E. No. 906 ..	31st Oct. 1888..	Godowns for Messrs. Stanes and Co. and Messrs. Pierce, Leslie and Co. at Mettupálaiyam station	2,270	130	2,400
	C.E. No. 613 ..	22nd July 1889.				
24	C.E. No. 659 ..	12th Aug. 1889.	Loading bank and goods godown at Sankaridrug	1,359	1,139	2,498
25	C.E. No. 662 ..	12th ,, ,,	Extension of goods godown at Erode ..	2,117	1,569	3,686
26	C.E. No. 408 ..	19th Oct. ,,	Waiting sheds at Perambúr ..	1,610	5,668	7,278
	G O No. 1155.	25th ,, ,,				
27	C.E. No. 858 ..	17th ,, ,,	Lay-bye, loading bank and goods godown at Kupgal	1,565	3,129	4,694
28	C.E. No. 936 ..	8th Nov. ,,	Tank to be erected on bridge No. 242 at Pennér, North-west line	2,222	135	2,357

Works—Part I.

Madras Railway for the official year 1890-91.

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	500	..	500	2,767	..	2,767	..	1
3,11,553	4,86,174	7,97,727	1,06,229	49,032	1,55,261	2,500	2,500	5,000	..	2
1,43,704	6,63,057	8,06,761	1,76,242	61,536	2,37,778	77,825	42,363	1,20,188	..	3
..	..	..	75,000	1,00,000	1,75,000	1,50,000	4,50,000	6,00,000	2,12,142	4
..	..	..	591	4,831	5,422	..	..	..	..	5
..	16	16	817	6,205	7,022	..	..	..	..	6
..	21	21	2,090	200	2,290	421	173	594	..	7
8,26,424	6,89,043	15,15,467	12,971	..	12,971	..	..	..	..	8
2,041	820	2,861	1,650	121	1,771	..	..	..	..	9
682	3,516	4,198	6,397	3,613	10,010	..	..	..	..	10
3	2,037	2,040	3,127	1,970	5,097	500	300	800	..	11
..	..	..	2,835	2,791	5,626	200	50	250	..	12
..	..	..	6,883	10,282	17,165	2,000	4,000	6,000	..	13
..	..	..	9,889	12,143	22,032	200	250	450	..	14
7,163	3,270	10,433	365	715	1,080	..	..	..	..	15
5,560	3,763	9,323	1,115	425	1,540	..	..	..	..	16
4,114	11,849	15,963	2,437	1,351	3,788	..	..	..	..	17
7,132	10,458	17,590	40	55	95	..	..	..	..	18
9,483	10,514	19,997	3,361	2,301	5,662	..	..	..	..	19
4,608	4,712	9,320	2,507	2,837	5,344	..	..	..	..	20
3,542	5,043	8,585	2,060	395	2,455	..	..	..	..	21
35,288	46,597	81,885	1,362	..	1,362	..	..	..	..	22
2,186	113	2,299	84	17	101	..	..	..	..	23
			859	939	1,798	500	200	700	..	24
..	..	..	1,617	1,369	2,986	500	200	700	..	25
..	..	..	600	1,500	2,100	1,010	4,168	5,178	..	26
..	..	..	1,000	2,000	3,000	565	1,129	1,694	..	27
..	..	..	1,000	100	1,100	1,222	35	1,257	..	28
..	..	..								

Budget Estimate of Sanctioned Works of the Madras

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			STATIONS AND BUILDINGS—*cont.*	RS.	RS.	RS.
29	C.E. No. 437 ..	13th June 1888.	Platform at Connur, South-west line.	2,445	2,525	4,970
	C.E. No. 1004.	11th Dec. ,,				
	C.E. No. 225 ..	12th Mar. 1889.				
	C.E. No. 823 ..	7th Oct. ,,				
30	C.E. No. 610 ..	13th Aug. ,,	Platform at Pallipuram	2,371	1,661	4,032
31	C.E. No. 593 ..	13th July ,,	Platform at Aryanur	1,391	1,342	2,733
32	C.E. No. 321 ..	9th April ,,	Enlarging and deepening Locomotive well No. 2 at Salem	2,125	..	2,125
33	C.E. No. 855 ..	17th Oct. ,,	Three-ton crane at Tirur station ..	202	2,046	2,248
34	C.E. No. 851 ..	17th ,, ,,	Five-ton crane at Salem station ..	281	2,640	2,921
35	C.E. No. 484 ..	3rd June ,,	Five-ton crane at Rénigunta station ..	295	2,640	2,935
36	G.O., No 527 R.	10th May ,,	Thirty-ton weigh bridge at Guntakal junction	894	5,689	6,583
37	G.O. No. 464 R.	26th April ,,	Thirty-ton weigh bridge and siding at Bangalore Pettah station	1,071	5,428	6,499
38	C.E. No. 406 ..	8th May ,,	Weigh bridge and alterations of cross-over road at Kolar road	348	2,831	3,179
39	G.O. No. 782 R.	25th Sept. 1888.	Staff quarters at Gooty	4,357	1,728	6,085
40	G.O. No. 268 R.	31st Mar. 1886.	Bungalow for three Eurasian clerks at Raichur.	4,277	1,433	5,710
	C.E. No. 770 ..	11th Nov. 1887.				
	C.E. No. 273 ..	26th Mar. 1889.				
41	G.O. No. 269 R.	31st ,, 1886.	Native clerks' house at Raichur ..	4,109	1,759	5,868
	C.E. No. 790 ..	11th Nov. 1887.				
	C.E. No. 264 ..	23rd Mar. 1889.				
42	G.O. No. 88 R.	4th Feb. 1880.	Goods clerk's office at Salt Cotaur station.	12,459	9,060	21,519
	C.E. No. 216 ..	11th Mar. 1889.				
	C.E. No. 434 ..	16th May ,,				
43	C.E. No. 693 ..	3rd Nov. 1886.	Refreshment room for natives at Raichur.	2,684	815	3,499
	C.E. No. 149 ..	23rd Feb. 1888.				
	C.E. No. 155 ..	19th Feb. 1889.				
	C.E. No. 286 ..	19th Mar ,,				
44	G O. No. 904 R.	30th Nov. 1887.	Double Engine Drivers' bungalow at Cuddapah	8,274	2,730	11,004
45	G.O. No. 756 R.	15th Sept. 1888.	Two Guards' bungalows at Gooty ..	8,354	1,822	10,176
46	G.O. No. 328 R.	25th Mar. 1889.	Tiffin-room at Perambúr	3,496	3,504	7,000
47	C.E. No. 488 ..	6th June 1889.	Stationmaster's bungalow at Kolar road.	2,188	939	3,127
48	C.E. No. 857 ..	17th Oct. ,,	Pointsmen's and scavengers' huts at Mullapuram	2,762	736	3,498
49	C.E. No. 514 ..	17th June ,,	Native Signallers' bungalow at Guntakal junction	2,736	701	3,437
50	C.E. No. 486 ..	2nd July 1888.	Extension of through siding at Vontimitta	560	1,536	2,096
51	C.E, No. 767 ..	24th Sept. ,,	Extension of through siding at Aspari.	767	1,382	2,149
52	C.E. No. 27 ..	11th Feb. 1889.	Extension of lay-bye into a through siding at Kamasamudram	348	1,867	2,215
53	C.E. No. 492 ..	7th June ,,	Extension of through siding at Kanyikod.	1,314	1,860	3,174
	G.O. No. 639 ..	5th ,, ,,				
54	C.E. No. 594 ..	13th July ,,	Extension of goods lay-bye at Yerraguntla	261	2,151	2,412
55	C.E. No. 515 ..	17th June ,,	Extension of platform and through siding at Peddapad	1,577	3,246	4,823
56	C.E. No. 493 ..	7th ,, ,,	Extension of platform and through siding at Vániyambádi	1,552	2,469	4,021
57	C.E. No. 516 ..	17th ,, ,,	Extension of through siding at Tiruvallam	1,290	1,585	2,875
58	G.O. No. 588 R.	22nd May ,,	Extension of platform and through siding at Ottapalam	1,194	2,387	3,581
59	G.O. No. 684 R.	18th June ,,	Extension of platform and through siding at Kuttipuram	1,914	3,235	5,149
60	C.E. No. 100 ..	29th Jan. ,,	Cross-over road at Pódanúr	350	2,397	2,747
61	G.O. No. 511 R.	19th Feb. 1888.	Extension of platform at Ketandapati ..	1,486	3,854	5,340
62	C.E. No. 587 ..	6th Aug. ,,	Extension of through siding at Nagiri.	1,034	1,603	2,637
	C.E. No. 174 ..	26th Feb. 1889.				
	C.E. No. 507 ..	13th June ,,				
	C.E. No. 873 ..	19th Oct. ,,				
63	G.O. No. 71 R.	22nd Jan. ,,	Alterations and additions to sidings at Kolar road.	1,861	7,622	9,483
	C.E. No. 82 ..	24th ,, ,,				
64	C.E. No. 26 ..	11th Feb. ,,	Conversion of lay-bye near engine shed into siding at Arkónam	292	1,912	2,204
65	C.E. No. 381 ..	4th Oct. ,,	Additional siding and cross-over road at Arkónam.	2,789	4,903	7,692
	G.O. No. 1146 R.	22nd ,, ,,				
	G.O. No. 512 R.	19th June 1888.	Additional siding at Jalárpet ..	753	3,724	4,477
66	C.E. No. 494 ..	3rd July ,,				
	C.E. No. 161 ..	21st Feb. 1889.				
	C.E. No. 386 ..	1st May ,,				
67	G.O. No. 642 R.	6th June ,,	Additional siding at Kamasamudrum ..	2,734	3,791	6,525

Railway for the official year 1890-91—*cont.*

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
									..	29
1,369	2,425	3,794	1,076	100	1,176	..	..	..	..	30
			531	1,483	2,014	..	..	..	..	31
1,840	178	2,018	1,341	1,242	2,583	50	100	150	..	32
..	..	..				..	..	..	..	33
			965	..	965	..	..	..	..	34
1,160	..	1,160	102	1,546	1,648	100	500	600	..	35
..	..	..	181	2,040	2,221	100	600	700	..	
..	..	..	295	2,640	2,935	..	..	..	..	36
..	..	..				..	..	..	..	
			894	5,689	6,588	..	..	..	..	37
..	..	..								
			1,071	5,428	6,499	..	..	..	..	38
..	..	..								
			348	2,831	3,179	..	..	..	..	39
..	..	..	3,601	712	4,313	..	..	..	..	40
633	1,139	1,772								
1,745	790	2,535	2,628	547	3,175	..	..	..	..	41
			3,248	1,320	4,568	..	..	..	..	42
861	439	1,300								
			1,591	151	1,742	..	..	..	..	
10,868	8,909	19,777								43
			374	500	874	..	..	..	..	
2,310	315	2,626								
						4,692	1,304	5,996	..	44
			..	..	..	..	..	..	..	45
3,582	1,426	5,008	3,382	927	4,309	..	..	..	..	46
4,998	869	5,867	2,996	3,204	6,200	500	300	800	..	47
..	..	..	1,688	889	2,577	500	50	550	..	48
..	..	..								
			1,300	400	1,700	1,462	336	1,798	..	49
..	..	..								
			2,000	501	2,501	736	200	936	..	50
..	..	..								51
			407	494	901	..	..	..	..	
153	1,042	1,195	140	101	241	..	..	..	..	52
627	1,281	1,908								53
			241	887	1,128	..	..	..	..	
107	980	1,087	1,314	1,860	3,174	..	..	..	..	
..	..	..								54
						50	70	120	..	
			211	2,081	2,292					55
..	..	..								
			1,577	3,246	4,823	..	..	..	..	56
..	..	..								
			1,552	2,469	4,021	..	..	..	..	57
..	..	..								
			1,290	1,585	2,875	..	..	..	..	58
..	..	..								
			1,194	2,387	3,581	..	..	..	..	59
..	..	..								60
			1,914	3,235	5,149	..	..	..	..	61
..	..	..	642	1,511	2,153	..	..	..	..	
30	564	594	342	1,598	1,940	..	..	..	..	
1,144	2,256	3,400								62
			834	1,200	2,034	200	403	603	..	
..	..	..								
										63
			1,296	3,686	4,982	..	..	..	..	
565	3,936	4,501								64
			292	864	1,156	..	..	..	..	65
	1,048	1,048	2,489	4,403	6,892	300	500	800	..	
..	..	..								
..	..	..								66
			..	1,102	1,102	..	..	..	..	
753	3,724	4,477								67
			2,734	3,791	6,525	..	..	..	..	
..	..	..								

Budget Estimate of Sanctioned Works of the Madras

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash outlay in India.	Value of stores.	Total expenditure.
				RS.	RS.	RS.
			STATIONS AND BUILDINGS—*cont.*			
68	G.O. No. 1082 R.	8th Oct. 1889.	Alterations and additions to Locomotive siding at Jalárpet	1,268	6,974	8,242
69	G.O. No. 560 R.	17th May ,,	Alteration of main line and additional siding at Kolar road	2,738	7,047	9,785
70	G.O. No. 984 R.	10th Sept. ,,	Alteration of sidings at Cuddapah ..	2,712	13,962	16,674
71	C.E. No. 606 ..	20th July ,,	Proposed crane lines, &c., General Stores yard, Ráyapuram	232	4,991	5,223
72	G.O. No. 800 R.	25th ,, ,,	Through siding at Tyakal	1,551	6,251	7,802
73	C.E. No. 766 ..	24th Sept. 1888.	Catch siding at Kuppam	1,352	2,087	3,439
	C.E. No. 1021 ..	18th Dec. ,,				
74	C.E. No. 630 ..	26th July 1889.	Material siding at 82nd mile, South-west line	794	4,918	5,712
75	Do. ..	Do. ..	New minor works, amount expended in excess of Revenue sanction	10,866	..	10,866
			BALLAST AND PERMANENT-WAY.			
76	G.O. No. 17 R.	4th Feb. 1886.	Laying new permanent way over girder bridges, South-west line	8,115	2,16,284	2,24,399
77	C.E. No. 331 ..	31st Mar. 1886.	Laying new permanent way over girder bridges, North-west line	9,659	3,06,302	3,15,961
	C.E. No. 184 ..	3rd Feb. 1887.				
			ELECTRIC TELEGRAPH.			
78	G.O. No. 798 R.	25th July 1889.	Revised estimate for the extension of block system and the introduction of starting semaphore signals, &c., South-west and North-west lines, including additional stations	64,943	1,01,818	1,66,761
79	C.E. No. 490 ..	26th July 1887.	Electric starting semaphore signal interlocked with block instruments required at stations on the Calicut extension ..	768	1,008	1,776
80	Do. ..	Do. ..	Instruments, stores, &c., required for opening Telegraph offices at stations on the Calicut extension	1,092	903	1,995
81	C.E. No. 830 ..	28th Nov. 1887.	Supplementary estimate of the cost of posts, wires, &c., for electric starting semaphore signal and Bell circuits on the Calicut extension	319	983	1,302
82	C.E. No. 881 ..	21st Dec. 1887.	Posts, wires, instruments, &c., required for the erection of electric telegraph on the Pálghat extension	635	1,429	2,064
83	Do. ..	Do. ..	Electric starting semaphore signal interlocked with block instruments required for stations on the Pálghat extension ..	332	341	673
84	G.O. No 111 R.	1st Feb. 1889.	Single needle instruments, batteries, &c., for trial or additional stations ..	4,122	3,588	7,710
			Total, Engineering Department ..	17,41,972	34,68,085	52,10,057
			CARRIAGE AND WAGON DEPARTMENT.			
1	C.E. No. 466 ..	28th May 1889.	One reserved saloon	2,530	4,250	6,780
2	C.E. No. 535 ..	22nd June 1889.	Twelve brake vans	7,200	33,000	40,200
3	C.E. No. 361 ..	20th April 1889.	200 iron covered goods wagons ..	20,000	3,84,000	4,04,000
	G.O. No. 1319 R.	28th Nov. 1889.	Fifty iron open wagons for stone traffic.	7,500	65,000	72,500
4	C.E. No. 561 ..	26th July 1888.	One composite carriage	1,500	4,200	5,700
5	G.O. No. 1213 R.	6th Nov. 1889.	Thirty-six third-class carriages ..	27,000	99,000	1,26,000
6	Do. ..	Do. ..	Fourteen ambulance carriages ..	12,600	43,400	56,000
7	Do. ..	Do. ..				
			Total, Carriage and Wagon Department	78,330	6,32,850	7,11,180
			Total, Schedule A ..	18,20,302	41,00,935	59,21,237

* Revised estimate

Railway for the official year 1890-91—*cont.*

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	..	..	1,000	5,000	6,000	268	1,974	2,242	..	68
..	..	..	2,738	7,047	9,785	..	..	..	..	69
..	..	..	1,700	10,048	11,748	1,561	5,000	6,561	..	70
..	..	..	232	4,991	5,223	..	..	..	..	71
..	..	..	1,251	5,251	6,502	300	1,000	1,300	..	72
..	..	..	1,352	2,087	3,439	...	..	..	..	73
..	..	..	794	4,918	5,712	..	..	..	..	74
..	..	..	10,866	..	10,866	..	..	..	..	75
2,961	1,00,555	1,03,516	2,500	25,000	27,500	2,500	25,000	27,500	65,883	76
611	1,74,645	1,75,256	2,500	25,000	27,500	3,000	30,000	33,000	80,205	77
46,023	84,784	1,30,807	2,000	1,000	3,000	16,920	16,034	32,954	..	78
167	216	383	601	792	1,393	..	..	..	..	79
867	497	1,364	225	406	631	..	..	..	..	80
66	534	600	253	449	702	..	..	..	..	81
316	1,091	1,407	319	338	657	..	..	..	..	82
37	37	74	295	304	599	..	..	..	..	83
..	..	..	700	1,100	1,800	3,422	2,488	5,910	..	84
14,47,276	23,34,683	37,81,959	5,01,035	4,29,109	9,30,144	2,76,871	5,91,227	8,68,098	3,58,230	
2,501	4,130	6,631	29	120	149	..	..	..	..	1
..	..	..	4,800	22,000	26,800	2,400	11,000	13,400	..	2
2,020	72,298	74,318	15,980	2,73,302	2,89,282	2,000	38,400	40,400	..	3
..	..	..	2,500	89,500	92,000	..	..	..	..	4
..	..	..	750	2,100	2,850	750	2,100	2,850	..	5
..	..	..	9,000	33,000	42,000	18,000	66,000	84,000	..	6
..	..	..	4,200	14,500	18,700	8,400	28,900	37,300	..	7
4,521	76,428	80,949	37,259	4,34,522	4,71,781	31,550	1,46,400	1,77,950	..	
14,51,797	24,11,111	38,62,908	5,38,294	8,63,631	14,01,925	3,08,421	7,37,627	10,46,048	3,58,230	

submitted.

SCHEDULE B, OR CONSTRUCTION

BUDGET ESTIMATE of UNSANCTIONED WORKS of the

Number of items.	Sanctions.		Particulars.	Amount of Estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT.	RS.	RS.	RS.
			EARTHWORK.			
1	..	..	Pitching the embankment of tank at 99/8 to 14 miles, South-west line ..	1,143	..	1,143
2	..	..	Pitching the embankment of tank at 46/7½ to 47/3 miles, South-west line ..	1,759	..	1,759
3	..	..	Raising the line at 60th mile, South-west line	9,260	808	10,068
			BRIDGE-WORK.			
4	..	..	Thoorthah bridge, removing existing girders and fixing new girders along side	4,663	7,086	11,749
			STATIONS AND BUILDINGS.			
5	..	..	Salt godown to be converted into Running Guards' bungalow at Bangalore Cantonment	1,387	887	2,274
6	..	..	Bungalows for two families each to be provided at two stations, Traffic Department	19,335	9,852	29,187
7	..	..	Houses for Stationmasters	10,164	2,966	13,130
8	..	..	Houses for subordinate staff, Traffic Department	9,833	2,337	12,170
9	..	..	Four houses for native clerks, Traffic Department, Guntakal junction ..	2,507	879	3,386
10	..	..	Stationmaster's house at Reddipalli ..	911	267	1,178
11	..	..	Stationmaster's house at Orampad ..	911	267	1,178
12	..	..	Stationmaster's and Assistant Stationmaster's houses at McDonald Choultry.	1,224	499	1,723
13	..	..	Stationmaster's and Assistant Stationmaster's houses at Uttukuli	1,230	499	1,729
14	..	..	Ten huts for scavengers at Calicut ..	2,100	400	2,500
15	..	..	Pointmen's and scavengers' huts at Kadambatúr	1,287	353	1,640
16	..	..	Pointmen's and scavengers' huts at Tadpatri	2,937	611	3,548
17	..	..	Scavengers' huts at Rénigunta ..	2,639	612	3,251
18	..	..	Scavengers' huts at Cuddapah ..	1,834	408	2,242
19	..	..	Double Engine Drivers' bungalow at Rénigunta	3,337	1,380	4,717
20	..	..	Running Drivers' bungalow at Rénigunta.	7,168	1,426	8,594
21	..	..	One block of two bungalows for European and Eurasian firemen at Katpadi.	2,022	398	2,420
22	..	..	Bungalows for two Carriage Examiners at Cuddapah	4,846	2,174	7,020
23	..	..	Bungalow for European and Eurasian firemen at Cuddapah	3,829	1,807	5,636
24	..	..	Drivers' bungalow at Calicut	3,147	1,023	4,170
25	..	..	One block of four bungalows for European and Eurasian firemen at Pódanúr.	3,145	1,521	4,666
26	..	..	Two houses for Native clerks and eight houses for fitters, &c., at Bangalore ..	6,456	2,022	8,478
27	..	..	Chuttrum for Native drivers at Pódanúr.	1,249	560	1,809
28	..	..	Bungalow for Permanent-way Inspectors at Pódanúr	2,338	1,182	3,520
29	..	..	Telegraph Inspector's bungalow at Calicut	4,627	872	5,499
30	..	..	Prosecuting Inspector's bungalow at Gooty	2,359	817	3,176
31	..	..	Trial stations to be provided at three stations	22,677	14,570	37,247
32	..	..	Four crossing stations	10,188	30,285	40,473
33	..	..	Station house, &c., at Pénner, North-west line	9,503	5,607	15,110
34	..	..	Alterations and additions to station house, &c., at Bangalore Cantonment ..	8,387	7,617	16,004
35	..	..	Extension and enlargement of station house at Bangalore City	8,309	7,238	15,547
36	..	..	Booking office, oil and-store room, waiting shed, and road goods room at Vizianagalam	1,734	758	2,492
37	..	..	Alterations and additions to station house at Kolar road	10,587	6,504	17,091
38	..	..	Booking office, store room, waiting shed and road goods room at Kagankarai ..	1,724	758	2,482

WORKS—PART II.

MADRAS RAILWAY for the official year 1890-91.

Actual Expenditure up to close of official year 1888-89.			Probable Expenditure during 1889-90.			Budget Estimate of Expenditure for official year 1890-91.			Estimated expenditure in future years.	Number of items.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	..	..	..	..	..	1,143	..	1,143	..	1
..	..	..	..	..	..	1,759	..	1,759	..	2
..	..	..	..	..	..	9,260	808	10,068	..	3
..	..	..	..	..	..	4,663	7,086	11,749	..	4
..	..	..	..	..	..	1,387	887	2,274	..	5
..	..	..	..	..	..	19,335	9,852	29,187	..	6
..	..	..	..	..	..	10,164	2,966	13,130	..	7
..	..	..	..	..	..	9,833	2,337	12,170	..	8
..	..	..	..	..	..	2,507	879	3,386	..	9
..	..	..	..	..	..	911	267	1,178	..	10
..	..	..	..	..	..	911	267	1,178	..	11
..	..	..	..	..	..	1,224	499	1,723	..	12
..	..	..	..	..	..	1,230	499	1,729	..	13
..	..	..	..	..	..	2,100	400	2,500	..	14
..	..	..	..	..	..	1,287	353	1,640	..	15
..	..	..	..	..	..	2,937	611	3,548	..	16
..	..	..	..	..	..	2,639	612	3,251	..	17
..	..	..	..	..	..	1,834	408	2,242	..	18
..	..	..	..	..	..	3,337	1,380	4,717	..	19
..	..	..	..	..	..	7,168	1,426	8,594	..	20
..	..	..	..	..	..	2,022	398	2,420	..	21
..	..	..	..	..	..	4,846	2,174	7,020	..	22
..	..	..	..	..	..	3,829	1,807	5,636	..	23
..	..	..	..	..	..	3,147	1,023	4,170	..	24
..	..	..	..	..	..	3,145	1,521	4,666	..	25
..	..	..	..	..	..	6,456	2,022	8,478	..	26
..	..	..	..	..	..	1,249	560	1,809	..	27
..	..	..	..	..	..	2,338	1,182	3,520	..	28
..	..	..	..	..	..	4,627	872	5,499	..	29
..	..	..	..	..	..	2,359	817	3,176	..	30
..	..	..	..	..	..	22,677	14,570	37,247	..	31
..	..	..	..	..	..	10,188	30,285	40,473	..	32
..	..	..	..	..	..	9,503	5,607	15,110	..	33
..	..	..	..	..	..	8,387	7,617	16,004	..	34
..	..	..	..	..	..	8,309	7,238	15,547	..	35
..	..	..	..	..	..	1,734	758	2,492	..	36
..	..	..	..	..	..	10,587	6,504	17,091	..	37
..	..	..	..	..	..	1,724	758	2,482	..	38

Budget Estimate of Unsanctioned Works of the Madras

Number of items.	Sanctions.		Particulars.	Amount of Estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
				RS.	RS.	RS.
			STATIONS AND BUILDINGS—*cont.*			
39	..	..	Booking office, waiting shed, oil and store room, road goods room and lay-bye at Singanallur	2,367	2,678	5,045
40	..	..	Booking office, oil and store room and road goods room at Aryanur ..	1,730	758	2,488
41	..	..	Booking office, oil and store room, waiting shed and road goods room at Katandapati	1,722	758	2,480
42	..	..	Booking office, oil and store room and road goods room at Gudalúr ..	1,143	370	1,513
43	..	..	Junction arrangements at Katpadi station.	75,000	75,000	1,50,000
44	..	..	Proposed waiting shed at Gudalur ..	1,076	193	1,269
45	..	..	Lavatory and latrine for 1st and 2nd class passengers at Central station ..	2,000	3,000	5,000
46	..	..	Fixing lightning conductors to buildings at Calicut station	306	755	1,061
47	..	..	Fixing lightning conductors to buildings at Rénigunta	306	755	1,061
48	..	..	Drainage of Bangalore City station ..	1,200	90	1,290
49	..	..	Extension of seven platforms and eight through sidings.	8,672	14,608	23,280
50	..	..	Extension of platform and through siding at Tirutani	405	1,748	2,153
51	..	..	Extension of platform and through siding at Kamalápuram	560	1,813	2,373
52	..	..	Extension of platform and through siding at Kondapuram	490	1,391	1,881
53	..	..	Extension of through siding at Tirupatúr.	226	861	1,087
54	..	..	Extension of through siding at Gudiyátam	416	1,643	2,059
55	..	..	Extension of through siding at Sholinghur	807	1,930	2,737
56	..	..	Through siding at Coimbatore ..	489	1,633	2,122
57	..	..	Additional sidings at Jalárpet ..	6,119	13,319	19,438
58	..	..	Alteration of site of catch siding at Jalárpet	509	396	905
59	..	..	Cost of extra sidings laid on account of Madras Railway Broad gauge at Guntakal junction	6,694	60,740	67,434
60	..	..	Additional sidings and cross-over road at Olavakode	1,043	5,841	6,884
61	..	..	Horse dock and siding at Guntakal junction	4,213	4,307	8,520
62	..	..	Extension of platform at Kadiampati ..	835	508	1,343
63	..	..	Extension of platform at Tudiyalur ..	797	778	1,575
64	..	..	Extension of platform at Salem ..	670	519	1,189
65	..	..	Extension of platform at Chinnammápet.	1,425	1,606	3,031
66	..	..	Four platforms to be provided at trial station	9,088	5,990	15,078
67	..	..	Proposed platform at Kadalundi ..	2,605	1,639	4,244
68	..	..	Two lay-byes to be provided at trial stations	3,044	6,520	9,564
69	..	..	Lay-byes at Mullanur	615	1,910	2,525
70	..	..	Lay-bye, loading bank and goods godown at Patchur, Bangalore Branch ..	1,969	2,893	4,862
71	..	..	Loading bank and goods godown at Somanur	1,268	223	1,491
72	..	..	Goods godown at Madukarai	961	240	1,201
73	..	..	Extension of goods shed at Kolar road ..	2,485	2,181	4,666
74	..	..	Enlargement of goods shed at Tirupur ..	2,057	2,064	4,121
75	..	..	Enlargement of goods shed at Tadpatri.	2,601	2,681	5,282
76	..	..	Engine turn-table and siding at Kolar road	2,410	7,043	9,453
77	..	..	Workshop alongside the engine shed at Rénigunta	507	884	1,391
78	..	..	Extension of trimming shop in carriage shop at Perambúr works	78	1,158	1,236
79	..	..	Six sheds for carriage and wagon repairing and lifting at Perambúr works	11,082	46,212	57,294
80	..	..	Lengthening of engine shed to accommodate eight engines at Rénigunta ..	5,628	9,004	14,632
81	..	..	Watering arrangements at Bangalore ..	4,102	4,332	8,434
82	..	..	Watering arrangements at Salem ..	3,769	22,457	26,226
83	..	..	Watering arrangements at Mullanur ..	338	1,628	1,966
84	..	..	Alteration to Perambúr level crossing ..	9,557	2,848	12,405
85	..	..	School-room at Cuddapah	3,378	4,118	7,496

Railway for the official year 1890-91—*cont.*

Actual Expenditure up to close of official year 1888-89.			Probable Expenditure during 1889-90.			Budget Estimate of Expenditure for official year 1890-91.			Estimated expenditure in future years.	Number of items.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	..	..	..	..	..	2,367	2,678	5,045	..	39
..	..	..	..	..	..	1,730	758	2,488	..	40
..	..	..	..	..	..	1,722	758	2,480	..	41
..	..	..	..	..	..	1,143	370	1,513	..	42
..	..	..	..	..	..	75,000	75,000	1,50,000	..	43
..	..	..	..	..	..	1,076	193	1,269	..	44
..	..	..	..	..	..	2,000	3,000	5,000	..	45
..	..	..	..	..	..	306	755	1,061	..	46
..	..	..	..	..	..	306	755	1,061	..	47
..	..	..	..	..	..	1,200	90	1,290	..	48
..	..	..	..	..	..	8,672	14,608	23,280	..	49
..	..	..	..	..	..	405	1,748	2,153	..	50
..	..	..	..	..	..	560	1,813	2,373	..	51
..	..	..	..	..	..	490	1,391	1,881	..	52
..	..	..	..	..	..	226	861	1,087	..	53
..	..	..	..	..	..	416	1,643	2,059	..	54
..	..	..	..	..	..	807	1,930	2,737	..	55
..	..	..	..	..	..	489	1,633	2,122	..	56
..	..	..	..	..	..	6,119	13,319	19,438	..	57
..	..	..	..	..	..	509	396	905	..	58
..	..	..	..	..	..	6,694	60,740	67,434	..	59
..	..	..	..	..	..	1,043	5,841	6,884	..	60
..	..	..	..	..	..	4,213	4,307	8,520	..	61
..	..	..	..	..	..	835	508	1,343	..	62
..	..	..	..	..	..	797	778	1,575	..	63
..	..	..	..	..	..	670	519	1,189	..	64
..	..	..	..	..	..	1,425	1,606	3,031	..	65
..	..	..	..	..	..	9,088	5,990	15,078	..	66
..	..	..	..	..	..	2,605	1,639	4,244	..	67
..	..	..	..	..	..	3,044	6,520	9,564	..	68
..	..	..	..	..	..	615	1,910	2,525	..	69
..	..	..	..	..	..	1,969	2,893	4,862	..	70
..	..	..	..	..	..	1,268	223	1,491	..	71
..	..	..	..	..	..	961	240	1,201	..	72
..	..	..	..	..	..	2,485	2,181	4,666	..	73
..	..	..	..	..	..	2,057	2,064	4,121	..	74
..	..	..	..	..	..	2,601	2,681	5,282	..	75
..	..	..	..	..	..	2,410	7,043	9,453	..	76
..	..	..	..	..	..	507	884	1,391	..	77
..	..	..	..	..	..	78	1,158	1,236	..	78
..	..	..	..	..	..	11,082	46,212	57,294	..	79
..	..	..	..	..	..	5,628	9,004	14,632	..	80
..	..	..	..	..	..	4,102	4,332	8,434	..	81
..	..	..	..	..	..	3,769	22,457	26,226	..	82
..	..	..	..	..	..	338	1,628	1,966	..	83
..	..	..	..	..	..	9,557	2,848	12,405	..	84
..	..	..	..	..	..	3,378	4,118	7,496	..	85

Budget Estimate of Unsanctioned Works of the Madras

Number of items.	Sanctions.		Particulars.	Amount of Estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			STATIONS AND BUILDINGS—*cont.*	RS.	RS.	RS.
86	..	..	Shed foundation, unloading platform, &c., required for the introduction of electric lights in trains	3,000	1,000	4,000
			ELECTRIC TELEGRAPH.			
87	..	..	Introduction of electric light in trains ..	3,000	12,000	15,000
			Total, Engineering Department ..	3,87,518	4,54,273	8,41,791
			CARRIAGE AND WAGON DEPARTMENT.			
1	..	..	One hundred iron covered goods wagons.	10,000	1,92,000	2,02,000
			Total, Schedule B ..	3,97,518	6,46,273	10,43,791

Railway for the official year 1890-91—*cont.*

Actual Expenditure up to close of official year 1888-89.			Probable Expenditure during 1889-90.			Budget Estimate of Expenditure for official year 1890-91.			Estimated expenditure in future years.	Number of items.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
						3,000	1,000	4,000	..	86
..	..	..	..	..	..					
						3,000	12,000	15,000	..	87
..	..	..	..	..	..					
						3,87,518	4,54,273	8,41,791	..	
..	..	..	..	..	..					
						10,000	1,92,000	2,02,000	..	1
..	..	..	..	..	..					
						3,97,518	6,46,273	10,43,791	..	
..	..	..	..	..	..					

Schedule C, or Construction Works—Part III.

Budget Estimate of Expenditure on Capital Establishment of the Madras Railway during the official year 1890-91.

—	—	Detail.	Actuals for 1888-89.	Budget Estimate for 1889-90.	Revised Estimate for 1889-90.	Budget Estimate for 1890-91.
....	....	Estimate of establishment ..	Rs. 14,468	Rs. 20,000	Rs. 1,050	Rs. ..

Schedule D, or Construction Works—Part IV.

Budget Estimate of Emergent Works of the Madras Railway for the official year 1890-91.

—	Probable Expenditure during year 1889-90.			Budget Estimate of Expenditure for the official year 1890-91.		
	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Engineer's Department	20,000	50,000	70,000	20,000	50,000	70,000
Locomotive do.	..	..	..	..	..	..

Schedule E.

Budget Estimate of Expenditure for Purchase of Stores for the Madras Railway during 1890-91.

Detail.	Actual Purchase during 1888-89.		Probable Purchases during 1889-90.		Estimated Purchases during 1890-91.	
	Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
In India.		Rs.		Rs.		Rs.
Firewood .. .. Tons.	99,150	5,22,509	94,100	5,00,000	94,100	5,00,000
Oil of sorts .. .. lb.	1,011,996	1,18,063	706,200	1,25,500	755,500	1,32,500
Cotton waste .. .. ,,	79,078	9,295	85,300	8,000	93,830	8,800
Timber of all kinds .. .. .. Tons.	2,205	2,48,109	2,442	2,61,000	2,324	2,82,000
Tallow, country .. .. .. lb.	21,143	4,492	4,400	1,000	4,840	1,100
Wooden sleepers .. .. .. No.	6,868	34,302	..	18,000	..	16,000
Do. keys .. .. .. ,,	151,665	5,299	..	10,500	..	12,000
Materials for tarpaulins	..	26,192	..	24,000	..	20,000
Manufacture of stores	..	1,12,272	..	1,10,000	..	1,10,000
Freight and landing charges	..	81,604	..	1,20,000	..	1,20,000
Pot sleepers cast in Perambur Workshops ..	..	..	..	5,000	..	12,000
Sundry stores	..	2,27,312	..	2,52,656	..	1,98,400
Total ..	..	13,89,449	..	14,35,656	..	14,12,800
In England.						
Coal, coke and patent fuel .. .. Tons.	8,979	1,57,155	8,118	1,71,000	11,750	2,62,000
Cylinders .. .. No.	17	14,125	..	..	..	..
Brass and copper pipes, tubes, &c. .. Tons.	14	10,757	..	29,000	..	10,000
Iron and steel plates and bars .. .. ,,	324	32,699	..	34,000	..	25,000
Materials for renewals of rolling stock, chiefly iron works	..	30,624	..	35,000	..	90,000
New covered goods wagons (iron) .. No.	60	1,04,029	125	2,37,500	150	2,85,000
Tyres, engines and carriages .. .. Tons.	457	43,422	..	17,280	..	16,000
Iron open goods wagons for stone traffic. No.	..	..	50	65,000	..	..
Machinery	..	16,529	..	..	..	..
Axles, crank .. .. ,,	..	..	12	6,600	..	..
Axles, carriages	400	11,253	..	15,000	..	15,000
Wheels and axles, engines	..	..	3	8,320	..	..
Locomotive	..	..	..	..	8	1,94,080
Permanent-way materials .. .. Tons.	1,246	70,792	..	2,63,000	..	2,20,000
Girders and iron cylinders .. .. ,,	2,256	2,59,256	..	1,28,000	..	4,50,000
Telegraph stores	..	6,852	..	15,000	..	29,000
Materials for tarpaulins	..	30,624	..	6,000	..	6,000
Sundry stores	..	1,89,873	..	2,96,600	..	2,98,100
Total ..	..	9,78,010	..	13,27,300	..	19,00,180
Total, Schedule E ..	..	23,67,459	..	27,62,956	..	33,12,980

Memorandum.

	Rs.
Actual balance of stores in hand, 1st April 1889	23,27,466
Estimated purchases during 1889-90 as above	27,62,956
Total ...	50,90,422
Estimated issues during 1889-90	24,29,422
Estimated balances on 1st April 1890	26,61,000
Estimated purchases during 1890-91	33,12,980
Total ..	59,73,980
Estimated issues during 1890-91	36,05,180
Estimated balance on 1st April 1891	23,68,800

English Transactions.

	Budget Estimate, 1890-91.
	Rs.
Indents to be sent Home during year	10,84,100
Add for indents of previous year expected to be complied within official year	11,93,580
Add English establishment charges	1,75,000
Total ...	24,52,680
Deduct amount of orders not expected to be complied with until next year	3,77,500
Net Capital cash transactions in England	20,75,180

Schedule F.

Estimate of Traffic Receipts of the Madras Railway, 1890-91.

Number of miles open for traffic on 1st April 1889	840
Expected to be opened during 1889-90	...
Total on 1st April 1890	840
Expected to be opened during 1890-91	...
Total likely to be opened at end of 1890-91	840
Average number of miles expected to be opened during the whole of 1890-91	840

—	Actuals in 1888-89.	Sanctioned Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	Rs.	Rs.	Rs.	Rs.
Coaching traffic	36,35,901	36,00,000	38,30,000	38,80,000
Goods do.	46,79,107	47,20,000	51,00,000	49,00,000
Electric telegraph	18,048	20,000	20,000	20,000
Sundries	2,05,748	1,60,000	2,00,000	2,00,000
Total ...	85,38,804	85,00,000	91,50,000	90,00,000
Train mileage	2,365,885	2,371,000	2,369,000	2,370,000

SCHEDULE G.

ESTIMATE OF REVENUE EXPENDITURE on the MADRAS RAILWAY for the official year 1890-91.

—	Actuals in 1888-89.	Sanctioned Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
Maintenance of Way, Works, and Stations.	RS.	RS.	RS.	RS.
1. General superintendence	2,52,676	2,50,000	2,70,000	2,40,000
2. Maintenance and renewal of permanent-way	5,58,565	5,45,000	5,60,000	5,70,000
3. Repairs of bridges, &c., wages and materials.	2,70,144	3,45,000	2,30,000	2,80,000
4. Repairs of stations and buildings do. ...	1,08,219	2,00,000	1,30,000	1,10,000
5. Maintenance by contract	...	...	...	...
6. New minor works	20,571	20,000	20,000	20,000
7. Unclassified expenditure	1,77,527	1,40,000	1,80,000	1,90,000
Total ...	13,87,702	15,00,000	13,90,000	14,10,000
Deduct value of stores returned to stock ...	4,648	...	...	...
Total ...	13,83,054	15,00,000	13,90,000	14,10,000
Locomotive Expenses.				
1. General superintendence	1,02,047	1,20,000	1,02,000	1,10,000
2. Running expenses (wages connected with the working of locomotive engines) ...	3,15,142	3,10,000	3,20,000	3,30,000
3. Fuel	5,59,500	5,55,000	6,40,000	6,50,000
4. Water (including wages and stores) ...	20,834	24,000	22,000	24,000
5. Oil, tallow and other stores (expended on engines in work)	32,970	36,000	34,000	36,000
6. Maintenance and renewals of locomotive engines and machinery	4,65,120	4,50,000	4,98,000	7,03,000
7. New minor works	1,491	2,500	2,500	2,500
8. Payments to other lines	...	...	...	...
9. Unclassified expenditure	1,20,540	1,42,500	1,40,000	1,80,000
Total ...	16,17,644	16,40,000	17,58,500	20,35,500
Carriage and Wagon Expenses.				
1. General superintendence	43,462	40,000	46,000	50,000
2. Repairs and renewals of vehicles and machinery	4,85,852	5,00,000	5,00,000	5,00,000
3. Cleaning carriages and wagons and oiling ...	52,987	60,000	56,000	55,500
4. New minor works	503	2,500	2,500	2,500
5. Unclassified expenditure	51,036	67,500	50,000	52,000
Total ...	6,33,840	6,70,000	6,54,500	6,60,000
Deduct sum chargeable to Fire Insurance Fund	3,945	...	...	...
Total ...	6,29,895	6,70,000	6,54,500	6,60,000

Estimate of Revenue Expenditure on the Madras Railway for the official year 1890-91—*cont.*

—	Actuals in 1888-89.	Sanctioned Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
Traffic Expenses.	RS.	RS.	RS.	RS.
1. Salaries, wages, &c.	5,82,938	5,55,000	5,84,000	5,85,000
2. Fuel, lighting, water and general stores ...	1,13,484	1,12,000	1,12,000	1,12,000
3. Clothing	13,584	8,500	10,000	9,000
4. Printing, stationery and tickets	67,363	60,000	64,500	65,000
5. Charges for delivery and collection of goods, &c.	1,891	1,500	1,500	1,000
6. Miscellaneous expenses	6,438	6,000	6,000	6,000
7. Payments to other lines	...	...	...	...
8. Unclassified expenditure	21,386	22,000	22,000	22,000
Total ...	8,07,084	7,65,000	8,00,000	8,00,000
Deduct sum chargeable to Fire Insurance Fund	560	...	...	...
Total ...	8,06,524	7,65,000	8,00,000	8,00,000
General Charges.				
1. Home expenditure	68,699	70,000	68,000	68,000
2. Salaries of Indian management including offices	2,50,427	2,45,000	2,55,000	2,60,000
3. Police	43,867	40,000	45,000	46,000
4. Advertising (all advertisements of all departments)	4,583	3,000	5,000	6,000
5. Electric telegraph	1,04,549	1,10,000	1,27,600	1,36,500
6. Clearing accounts with other lines ...	...	...	...	...
7. Unclassified expenditure	33,569	12,000	35,000	37,000
Total ...	5,05,694	4,80,000	5,35,600	5,53,500
Deduct sum chargeable to Fire Insurance Fund	4,454	...	8,000	8,000
Total ...	5,01,240	4,80,000	5,27,600	5,45,500
Special and Miscellaneous Expenditure.				
1. Law charges	7,728	6,000	10,000	5,000
2. Compensation	16,806	6,000	20,000	10,000
3. Rates and taxes (including municipal water rates)	13,005	15,000	15,000	15,000
4. Payments to other lines	3,392	6,000	5,000	2,000
5. Contribution to	...	...	...	...
6. Bridge toll collection establishment, &c. ...	...	...	...	...
7. Prizes for station gardens, &c.	436	2,000	2,000	2,000
8. Miscellaneous expenditure	14,997	10,000	17,400	15,000
Total ...	56,364	45,000	69,400	49,000
Deduct sum chargeable to Fire Insurance Fund	7,958	...	...	...
Total ...	48,406	45,000	69,400	49,000

(Signed) J. CRAMP,
Chief Auditor.

(Signed) F. H. TREVITHICK,
Ag. Agent and Manager.

(Signed) F. MORRISON,
Examiner of Railway Accounts, Madras.

MADRAS,
19th December 1889.

NOTE on the Administrative Budget Estimates of the Madras Railway for 1889-90 and 1890-91.

CAPITAL.

Revised Estimate, 1889-90.—This compares as follows with the sanctioned budget:—

	Sanctioned Budget.	Revised Estimate.
	RS.	RS.
Expenditure	20,00,000	20,00,000
Receipts	22,00,000	22,25,000
Net Receipts ...	2,00,000	2,25,000

2. The cash outlay on the engineering works is estimated at Rs. 5,21,035 or Rs. 2,28,965 less than the budget provision, which is mainly due to decreased expenditure under bridges and station buildings. Item 74, schedule A, Engineering Department, "Stations and buildings" ought not to have been entered in the budget. The outlay Rs. 5,712 is debitable to the Villupuram-Guntakal construction estimate and will be met from that source. A provision of Rs. 20,000 has been made for emergent works, no such provision having been made in the budget.

3. A small increased expenditure under "Carriage and Wagon Department" has been provided for.

4. *Budget Estimate, 1890-91.*—The total cash outlay is estimated at Rs. 21,43,739. That on engineering works being estimated at Rs. 6,84,389 and that on stores at Rs. 14,12,800.

5. The principal sanctioned engineering works (schedule A) are:—

	RS.
The new bridge over the Chitrávati river	77,825
The new bridge over the Pápaghni river	1,50,000
The extension of the block system and the introduction of starting semaphore signals	16,920

These works alone account for Rs. 2,44,745 out of the Rs. 2,76,871.

6. Provision to the extent of Rs. 3,87,518 has been entered under schedule B. The following remarks are offered on the works entered in this schedule:—

Items Nos. 1 *to* 3—Are required for the safety of the line.

Item No. 4—Is required to meet the increased wheel weight of engines, for which the girders originally designed were inadequate.

Items Nos. 5, 6, *&c., to* 30—Represent expenditure that would, much of it, have been incurred years ago but for the question raised in respect of C class land. The expenditure is in pursuance of the policy that all the Company's staff should be entirely housed on the Company's premises mainly.

Item No. 31—Is mainly to meet the progressive development of third-class traffic and trade generally.

Item No. 32—Is to facilitate the working of trains under the block system and to increase the capacity of the line.

Item No. 33—Is necessitated by the completion of the new bridge over the Pennér.

Item No. 34—Is to meet the dangerous over-crowding of the cantonment station platform and to enable a time-table to be introduced that will meet the new conditions imposed by the opening of the Southern Mahratta Railway from Poona to Bangalore.

Item No. 35—Is necessitated by the opening of the Southern Mahratta Railway from Poona to Bangalore.

Items Nos. 36 *to* 42 *and* 44—Are to meet increased traffic and principally replace temporary structures where traffic has been found to justify the outlay.

Item No. 43—Is necessitated by the construction of the Villupuram-Guntakal extension.

Item No. 45—Is to meet the demands of the public.

Items Nos. 46 *and* 47—Are for the protection of the buildings.

Item No. 48—Is to meet defective designs when the station was first built.

Items Nos. 49 *to* 56—Are to increase the capacity of the line and facilitate traffic under the block system.

Items Nos. 57 *and* 58—Are to meet the increase in the number of derailments at this yard, which requires remodelling to obviate the risk that has arisen out of increased traffic.

Items Nos. 59 to 61—Are to meet the requirements of a junction with the Southern Mahratta Railway.

Item No. 60—Is to facilitate traffic with the Pálghat branch.

Items Nos. 62 *to* 76—Are to meet additional traffic.

Items Nos. 77 *to* 80—Are to meet locomotive requirements.

Items Nos. 81 *to* 83—Are to meet failing water-supply.

Item No. 84—Is to facilitate traffic at the Perambúr station and obviate the inconvenience to the public for trains standing across the road during their stay at the station.

Item No. 85—It is found that the distance between the town of Cuddapah and the station is too great for the school children of employés to avail themselves of the schools in the town.

Items Nos. 86 *and* 87—Are to enable Mr. Winter to push his investigations and experiments in electric lighting of trains.

7. A provision has been made for emergent works amounting to Rs. 20,000.

8. *Stores.*—The increased provision made in the revised estimate, 1889-90, amounting to Rs. 2,43,156, is due to additional requirements under nearly all items. The provision for stores in the budget for 1890-91 is less by Rs. 22,856 than that for the current year.

9. The figures recommended are thus summarised:—

	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
Engineering.	RS.	RS.
Sanctioned works	5,01,035	2,76,871
Unsanctioned works	...	3,87,518
Emergent works	20,000	20,000
Carriage and Wagon.		
Sanctioned works	37,259	31,550
Unsanctioned works	...	10,000
General.		
Establishment	1,050	...
Stores	14,35,656	14,12,800
Miscellaneous	5,000	5,000
Total, Withdrawals ...	20,00,000	21,43,739
Total, Payments ...	22,25,000	23,00,000
Net cash demand in India ...	2,25,000	1,56,261

10. *English transactions.*—The revised estimate of expenditure during the current official year amounts to Rs. 15,02,300 against a sanction of Rs. 11,24,000, the outlay on stores having been under-estimated. The total expenditure in England in 1890-91 is estimated at Rs. 20,75,180.

11. *Revenue transactions.*—The figures submitted by the Railway authorities are recommended for adoption. The administrative receipts for 1890-91 are estimated at Rs. 90,00,000, the withdrawal at Rs. 55,00,000, and the net savings at Rs. 35,00,000. The net earnings in the current official year are likely to exceed those in the budget estimate by Rs. 5,50,000. The suspense receipts and withdrawals will exceed the budget figures by Rs. 25,000 only.

(Signed) SIDNEY SMITH, Major, R.E.,
for Consulting Engineer for Railways.

6

Submitted to Government for transmission to the Government of India.

Order—dated 10th January 1890, No. 27 R., Public Works.

The Government approve of the revised estimate on Capital Account for 1889-90 and of the proposals to the budget estimate for 1890-91.

2. The approved figures stand thus :—

	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	RS.	RS.
Expenditure	20,00,000	21,43,739
Receipts	22,25,000	23,00,000
Net Receipts ...	2,25,000	1,56,261

Revenue.—The estimates submitted are accepted, the administrative figures being as follows:—

	Actuals, 1888-89.	Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	RS.	RS.	RS.	RS.
Receipts	85,38,804	85,00,000	91,50,000	90,00,000
Expenditure	49,86,763	51,00,000	52,00,000	55,00,000
Net Profits ..	35,52,041	34,00,000	39,50,000	35,00,000

3. The estimates will be forwarded to the Government of India.

(Here enter No. 28 R., dated 10th January 1890.)

(True Extract.)

(Signed) C. J. SMITH, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

Endorsement—dated 10th January 1890, No. 28 R., Public Works.

Forwarded.

(By Order.)

(Signed) C. J. SMITH, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

Telegram from the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, to the Secretary to the Government of India, Public Works Department, dated Madras, 25th February 1890.

Please wire sanction extra grant Rs. 75,000 Madras Railway Revenue withdrawals duly provided in revised budget necessary to authorise issue of credit for March.

Telegram from the Secretary to the Government of India, Public Works Department, to the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, dated 26th February 1890, No. 78 A.

Referring to your telegram of 25th instant, additional Revenue grant Rs. 75,000 Madras Railway sanctioned.

Telegram from the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, to the Secretary to the Government of India, Public Works Department, dated Madras, 27th February 1890.

Referring to your letter 129 A.R., dated 12th February, finally propose Madras Railway for the current official year Capital withdrawals twenty lakhs, Payments twenty-four quarter, Revenue administrative receipts ninety-one half lakhs, Suspense six, Financial ninety-seven half, Administrative expenditure fifty-four, Suspense six, Financial sixty, Capital outlay England fifteen.

Telegram from the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, to the Secretary to the Government of India, Public Works Department, dated Madras, 27th February 1890.

Finally propose Madras Railway for the next official year Capital withdrawals and payments as budgeted, Revenue administrative receipts ninety two, Suspense six, Financial ninety-eight, Administrative expenditure fifty-four, Supense six, Financial sixty, Capital outlay in England sixteen lakhs fifteen.

G.O., dated 28th February 1890, No. 311 R., Public Works.

From the Officiating Deputy Secretary to the Government of India, Public Works Department (Account—Railway), to the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, dated Calcutta, 12th February 1890, No. 129 A. R.

I am directed to acknowledge the receipts of your No. 28 R., dated 10th January 1890, forwarding the Capital and Revenue Revised and Budget estimates of the Madras Railway for the current and ensuing official years, and to request that the Government of India may be furnished with a report which should reach by the 1st March next, at latest, showing the figures which you would recommend finally for adoption under all heads of the Capital and Revenue estimates for the current financial year.

2. I am to request also that the causes which have contributed to the very satisfactory improvement in the earnings of the current year over the budget estimate may be reported, as the information is required for a review of the estimates which has to be prepared by this department.

3. As regards the estimates for next year I am to remark as follows :—

Outlay in England.—The estimate received from the India Office, based on information furnished by the Board, amounts to £ 148,000, which converted at the contract rate of exchange is equal to Rs. 16,15,000 in round figures, being Rs. 4,60,000 less than the local estimate. The Government of India proposes to adopt the India Office estimate, unless the Agent of the Company has good reason for believing that the provision is insufficient.

Administrative Earnings.—The estimate under this head is placed at Rs. 90,00,000 or Rs. 1,50,000 below the amount proposed as the revised estimate for the current year. The Government of India fails to see why the estimate for next year has been placed at so low a figure while the traffic has been improving steadily this year, and requests that a full explanation of the anticipated fall may be furnished.

Working Expenses.—The budget estimate of working expenses is submitted for Rs. 55 lakhs, or Rs. 3 lakhs in excess of the revised estimate for the current year. I am to request that the Government of India may be furnished with a note explanatory of the increase over the revised estimate and the figure * telegraphed on the 27th November 1889 in connection with the six months' estimate notwithstanding the reduction in the estimate of earnings.

* Rs. 53,00,000.

4. I am to request that the explanations asked for in paras. 2 and 3 of this letter may be submitted as soon as possible.

No. 883 C.

Referred to the Consulting Engineer for Railways for early report with advertence to his endorsement No. 17, dated 10th January 1890.

(Signed) C. J. SMITH, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

17th February 1890.

From the Consulting Engineer for Railways, dated Madras, 27th February 1890, No. 143.

From the Agent and Manager, Madras Railway Company, to the Consulting Engineer for Railways, dated Madras, 25th February 1890, No. 6628/222.

Budget Estimates, 1889-90 *and* 1890-91.

[Your letter No. 160, dated 18th February 1890.]

With reference to Government of India letter No. 129 A.R., dated 12th February 1890, I have the honor to submit copies of the marginally-noted documents relative to the figures recommended for final adoption in the budget estimates for the financial years of 1889-90 and 1890-91.

Chief Auditor's letter No. A 174, dated 22nd February 1890
Traffic Manager's letter No A 5544, dated 24th February 1890.

2. The only required alteration in the revised estimate for the current year is the transfer of Rs. 1,94,324-6-10. This is rendered necessary by the revised allocation of the expenditure on the Calicut Extension—*vide* G.O., No. 144 R., dated 24th January 1890—and to meet this it is proposed that two lakhs be added to the estimated Revenue expenditure and refunded to Capital.

3. The increase over budget estimate in the earnings for the current year are explained in detail by the Traffic Manager, and although Rs. 2,52,000 are attributable to an abnormal traffic in State Railway materials and in grain carried from Mysore to the South Indian districts where a scarcity of food was apprehended still a normal increase of Rs. 1,00,792 is credited to coaching traffic and of Rs. 2,84,000 to a larger cotton traffic, and to a general and satisfactory increase in the receipts for grain and other goods traffic.

4. The Chief Auditor is of opinion that the estimated expenditure in England as given by the India Office may be accepted until a revised estimate is prepared.

5. That officer also recommends that two lakhs be added to the estimate of administrative earnings, and in this recommendation I concur.

6. In the estimate of working expenses provision was made for eight new Locomotive engines, the residue being ordinary working expenses, but a total of 54 lakhs is now thought to be sufficient.

7. The revised figures as now proposed are given at pages 2 and 4 of the Chief Auditor's letter already referred to and noted in the margin.

ENCLOSURES.

From the Chief Auditor, Madras Railway Company, to the Agent and Manager, Madras Railway Company, dated Madras, 22nd February 1890, No. A 174.

[Consulting Engineer's letter No. 160, dated 18th instant.]

Budget Estimates, 1889-90 *and* 1890-91.

In para. 1 of the Government of India letter No. 129 A.R., dated 12th instant, the figures to be finally adopted for the Capital and Revenue estimates of the current financial year are called for.

2. The only change in the figures of the revised estimate for the current year that in my opinion is required will be to provide for the transfer from Capital to Revenue of the sum of Rs. 1,94,324-6-10 in accordance with the revised allocation of the expenditure on the Calicut Extension as sanctioned in G.O., No. 144 R., dated 24th January 1890. To cover this transfer I would propose that 2 lakhs be added to the estimated Revenue Expenditure Abstract A, thus raising the total provision for Revenue outlay to 54 lakhs and a corresponding refund of 2 lakhs to Capital. The figures for the current official year will then stand as under:—

	Revised Estimate, 1889-90.
	RS.
Capital.	
Withdrawals, India	20,00,000
Refunds, India	24,25,000
Net Cash demand	**4,25,000**
Withdrawals, England	15,02,300
Revenue.	
Earnings	91,50,000
Other receipts	6,50,000
Total Receipts	98,00,000
Expenditure including transfer on account of Calicut Extension	54,00,000
Other payments	6,50,000
Total, Payments	60,50,000
Net Earnings	37,50,000

3. Para. 2 of the Government of India letter has been sent to the Traffic Manager with a request to furnish the information called for direct to you.

4. In reply to para. 3 on the estimate for 1890-91, I beg to remark as follows:—

Outlay in England.—The estimate of this expenditure as furnished by the India Office has been adopted in previous budgets, and should, I think, be accepted for 1890-91. When the time arrives for preparing the revised budget for 1890-91 further provision if necessary can be made.

Administrative Earnings.—I am fully of opinion that the estimate here is too low and that it should be increased by 2 lakhs.

Working Expenses.—Provision has been made here for the cost of eight new Locomotive engines; otherwise only ordinary expenditure is provided for, and looking at the estimate of Revenue expenditure for the current year, I am of opinion that 54 lakhs will be a sufficient total, inclusive of the cost of the new engines.

5. The figures I would propose for the Capital and Revenue expenditure of 1890-91 stand as follows:—

	Budget Estimate, 1890-91.
	RS.
Capital.	
Withdrawals, India	21,43,739
Refunds, India	23,00,000
Net Cash demand	**1,56,261**
Withdrawals, England	16,15,000
Revenue.	
Earnings	92,00,000
Other receipts	6,50,000
Total Receipts	98,50,000
Expenditure including cost 8 engines	54,00,000
Other payments	6,50,000
Total, Payments	60,50,000
Net Earnings	38,00,000

From the Traffic Manager, Madras Railway Company, to the Chief Auditor, Madras Railway Company, dated Madras, 24th February 1890, No. A 5544.

Budget Estimate, 1889-90 *and* 1890-91.

[Your A 535 of 20th instant.]

The increase in the traffic from the 1st April 1889 to the 31st January 1890 over and above the figures shown for the corresponding months of the previous year amounts to Rs. 5,73,808.

2. Coaching traffic shows an increase of Rs. 1,00,792, goods traffic an increase of Rs. 5,36,051, and telegraph receipts an increase of Rs. 888, while sundries show a decrease of Rs. 63,923.

3. The increase in the coaching and telegraph receipts may be accepted as a normal increase due to the steady development of the third-class traffic and to additional public telegrams despatched by cotton and seed merchants.

4. Of the increased goods receipts Rs. 1,52,000 in round figures is attributable to State Railway stores and materials carried over our system from Madras to Rénigunta and Katpádi for the Villupuram-Dharmavaram Railway, Rs. 1,00,000 to grain traffic carried principally from stations in the Mysore Province to stations on the South Indian Railway where food scarcity was apprehended, and the balance of Rs. 2,84,000 may be set down to a larger tonnage of cotton carried and to a general and satisfactory increase in the grain traffic and in many of the minor commodities such as sugar, leather, tobacco and spices, &c.

5. Will you kindly furnish the Acting Agent and Manager with this information.

Office note to the Consulting Engineer for Railways, Madras, for reply to India's letter No. 129 A.R., dated 12th February 1890, regarding Madras Railway Revised Budget for 1889-90 and Budget Estimate for 1890-91.

The following are the final figures recommended for adoption :—

	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	RS.	RS.
Capital.		
Withdrawals	20,00,000	21,43,739
Payments	24,25,000	23,00,000
Revenue.		
Receipts—		
Administrative	91,50,000	92,00,000
Suspense	6,00,000	6,00,000
Financial ..	97,50,000	98,00,000
Expenditure—		
Administrative	54,00,000	54,00,000
Suspense	6,00,000	6,00,000
Financial ..	60,00,000	60,00,000
Total Capital outlay in England ..	15,00,000	16,15,000

CAPITAL, 1889-90.

Withdrawals.—From the latest statement of Capital requirements I arrive at Rs. 19,50,000. In discussing this with the Chief Auditor, that officer is of opinion that the provision in the revised budget submitted to Government, viz., 20 lakhs, should remain unaltered. The difference is trifling and may be recommended for adoption.

Payments.—Under this head I have estimated Rs. 23,75,000. The revised budget was prepared for Rs. 22,25,000. Since that was prepared it has been necessary to provide for a transfer of Rs. 1,94,324 or in round numbers 2 lakhs from Capital to Revenue expenditure on account of revised allocation of the Beypore-Calicut Extension—G.O., No. 144 R., dated 24th January 1890.

The Company desire to provide Rs. 24,25,000. This appears to me to be too high, but as the difference is trifling, Rs. 50,000 only, the Company's figure may perhaps be accepted.

Net receipts will then stand at Rs. 4,25,000 instead of Rs. 2,25,000 as in the revised budget.

CAPITAL, 1890-91.

	RS.
Withdrawals	21,43,739
Payments	23,00,000
Net Payments ..	1,56,261

These are the figures in the revised estimate sent forward. No change is suggested.

REVENUE.

Receipts, 1889-90.

Administrative.—These may be taken at Rs. 91,50,000, the same as the revised budget. No change is recommended.

Suspense.—This figure may be placed at 6 lakhs. The total financial receipts being Rs. 97,50,000 against the revised budget of Rs. 98,00,000, as the latter figure is, I think, rather too favorable an estimate.

1890-91.

Administrative.—The budget was prepared for only 90 lakhs. Viewed in the light of the increased traffic during the present year which is placed at 91½ lakhs, the estimate for 1890-91 may be taken at 92 lakhs. This estimate is not placed at a higher figure because it is understood there is certain to be a falling off in carriage of railway materials for foreign lines, and the figure now proposed anticipates the continuance of the general improvement noticed in 1889-90 with a small margin for still farther development in general traffic.

Suspense.—This may be placed at 6 lakhs.

Total Financial.—Ninety-eight lakhs.

Expenditure, 1889-90.

Administrative.—The revised budget provided 52 lakhs. After a discussion with the Chief Auditor it is considered this figure should be raised to 54 lakhs, the difference being due to the 2 lakhs referred under Capital payments, that is, the debit to Revenue to this extent by credit to Capital on account of the re-allocation of the estimate for the Beypore-Calicut Extension, as this transfer is to be adjusted during the current year. This figure may therefore be approved.

Suspense.—This will be 6 lakhs.

Total Financial.—Sixty lakhs.

Revenue Expenditure, 1890-91.

Administrative.—This is placed by the Railway Company at 54 lakhs, the same as the figures now proposed for 1889-90, and for the present may be accepted. It appears a high estimate, but there will be heavy special Revenue expenditure owing to the reconstruction of the Pápaghni bridge, and provision is made for the cost of 8 engines being replaced during the year.

Suspense.—May be placed at 6 lakhs.

Total Financial.—Rupees 60 lakhs.

Capital Expenditure in England, 1889-90.

This may be placed at the figure in the revised estimate, viz., Rs. 15,00,000 in round numbers.

1890-91.

For the present it will be sufficient to accept the Board's estimate referred to in India's letter No. 129 A.R., dated 12th February 1890, viz., Rs. 16,15,000, instead of Rs. 20,75,000 provided in the budget estimate.

F. MORRISON,
Examiner, Railway Accounts, Madras.

MADRAS,
27th February 1890.

Submitted to Government with reference to No. 883 C., dated 17th February 1890 (herewith returned).

Order—dated 28th February 1890, No. 311 R, Public Works.

Ordered to be forwarded to the Government of India with reference to its letter No. 129 A. R., dated 12th February 1890, and in continuation of Public Works Department telegram, dated 27th February 1890.

(Here enter No. 312 R., dated 28th February 1890.)

(True Extract.)

(Signed) C. J. SMITH, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

Endorsement—dated 28th February 1890, No. 312 R., Public Works.

Forwarded.

(By Order.)

(Signed) C. J. SMITH, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

Read also the following paper:—

Resolution by the Government of India, Public Works Department (Account—Railway), dated Calcutta, 26th March 1890, No. $\frac{76}{B.O.}$ A—R.

MADRAS RAILWAY.

Revised Estimate for 1889-90, with Budget Estimate for 1890-91.

Read again—

Public Works Department Resolution No. $\frac{85}{B.O.}$ A—R., dated 30th March 1889.

Read also—

Letter No. 28, dated 10th January 1890, from the Government of Madras.
Letter No. 129 A—R., dated 12th February 1890, to the Government of Madras.
Telegram, dated 25th February 1890, from the Government of Madras.
" " 26th " " to the " "
Telegrams, " 27th " " from the " "
Letter No. 312 R., dated 28th February 1890, from " "

CAPITAL.

Revised Estimate, 1889-90.

Resolution—The revised estimate of Capital outlay during the current official year is proposed for Rs. 20,00,000, the amount passed in budget orders. Judging from the latest return of expenditure to hand, the Government of India considers that the outlay is not likely to exceed Rs. 19,50,000, and accepts the estimate for this amount.

2. The revised estimate of Capital receipts was at first submitted for Rs. 22,25,000, but was subsequently raised to Rs. 24,25,000, the increase being due to the adjustment of the share of expenditure on the Calicut Extension chargeable to Revenue. Considering the transactions recorded up to date, the Government of India accepts the estimate for Rs. 23,75,000.

3. The expenditure in England during the current year is placed at £147,600 or, in round figures, Rs. 16,10,000, being the amount of the revised estimate received from the India Office.

Budget Estimate, 1890-91.

4. The Government of Madras recommends that the budget estimate of Capital outlay during the ensuing official year be accepted for the following amounts:—

	RS.
Engineering Department—	
Sanctioned works	2,76,871
Unsanctioned works	3,87,518
Emergent works	20,000
Carriage and Wagon Department—	
Sanctioned works	31,550
Unsanctioned works	10,000
General—	
Stores	14,12,800
Miscellaneous	5,000
Total ..	21,43,739

5. The provision for sanctioned works in the Engineering Department is accepted, in round figures, for Rs. 2,77,000. As regards unsanctioned works, the Government of India is of opinion that a sum of Rs. 2,50,000 should suffice on this account. The provision of Rs. 20,000 for emergent works appears unnecessary in view of the provision of Rs. 2,50,000 for unsanctioned works. If more money is needed for additional works hereafter, an application for an additional grant will receive consideration.

6. The demand for sanctioned works in the Carriage and Wagon department is passed for Rs. 32,000; and the demand for unsanctioned works for Rs. 10,000.

7. The provision for miscellaneous is accepted for the amount recommended by the Government of Madras, viz., Rs. 5,000.

8. The Government of India considers that the provision for stores is excessive, and that it should be reduced to Rs. 13,76,000.

9. The estimate of Indian outlay, as modified above, will stand at Rs. 19,50,000.

10. The budget estimate of Capital receipts is accepted for the amount finally proposed, viz., Rs. 23,00,000.

11. The outlay in England during 1890-91 is placed at £178,000, or Rs. 19,42,000 in round figures, being the final estimate of payments received from the India Office.

12. The Capital estimates, as passed by the Government of India, will stand as under:—

—	Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	RS.	RS.	RS.
Outlay in India	20,00,000	19,50,000	19,50,000
Refunds to Treasury	22,00,000	23,75,000	23,00,000
Net Receipts in India ..	2,00,000	4,25,000	3,50,000
Outlay in England	11,24,000	16,10,000	19,42,000
Net Outlay ..	9,24,000	11,85,000	15,92,000

13. The Capital account of the Company will probably stand as under:—

ACTUALS.	ESTIMATE.						Total estimated outlay to end of 1890-91.	Total estimated subscribed Capital to end of 1890-91.
	1888-89			1890-91.				
Capital withdrawn to end of 1888-89.	England.	India.	Total.	England.	India.	Total.		
RS. A. P.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
11,58,44,930 11 2	16,10,000	— 4,25,000	11,85,000	19,42,000	— 3,50,000	15,92,000	11,86,21,930	11,85,78,000

REVENUE.

Revised Estimate, 1889-90.

14. The final revised estimate of the administrative earnings is submitted for Rs. 91,50,000 against a budget estimate of Rs. 85,00,000. The increase is attributed to the steady development of the third-class passenger traffic, to increased receipts for haulage of railway material, and to heavy traffic in grain and cotton. Judging from the present state of traffic, the Government of India considers that the earnings during the current year will probably reach Rs. 92,00,000, and accepts the estimate for this sum.

15. The revised estimate of working expenses was at first submitted for Rs. 52 lakhs, but the estimate was subsequently increased to Rs. 54 lakhs. Judging

from the latest returns of expenditure, it does not appear probable that the total Revenue withdrawals will exceed Rs. 57,50,000, and as the suspense withdrawals are estimated at Rs. 6,00,000, the revised estimate of working expenses is passed for Rs. 51,50,000.

16. The estimates of suspense receipts and expenses are accepted by the Government of India for the amounts finally recommended in each case, viz., Rs. 6,00,000.

Budget Estimate, 1890-91.

17. The budget estimate of administrative earnings for 1890-91 was at first submitted for Rs. 90 lakhs, or Rs. 1,50,000 below the figures proposed as the revised estimate of the current year, but on a reference from the Government of India the estimate has been increased to Rs. 92 lakhs. Considering the growth of traffic on this line, the Government of India accepts the estimate for Rs. 92,50,000.

18. The budget estimate of working expenses as at first submitted amounted to Rs. 55 lakhs, or Rs. 3 lakhs in excess of the amount first proposed for the revised estimate of the current year. But on a reference from the Government of India the estimate was subsequently reduced to Rs. 54 lakhs. The estimate provides for the renewal of eight engines during the year, but it is doubtful if the engines will be received in time to be erected and placed on the line during the year. Judging from the transactions during the current year, which also include a special charge of about Rs. 2,00,000 in connection with the Calicut Extension, the Government of India considers that the estimate may be reduced to Rs. 51,50,000 and the estimate is accordingly passed for this reduced amount.

19. The estimates of suspense receipts and expenses are passed for Rs. 6,00,000 in each case, the amount adopted as the revised estimate of the current year.

20. The Revenue estimates, as passed by the Government of India, will stand as under:—

—	Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
Receipts—			
Administrative	Rs. 85,00,000	Rs. 92,00,000	Rs. 92,50,000
Suspense	6,25,000	6,00,000	6,00,000
Financial ..	91,25,000	98,00,000	98,50,000
Withdrawals—			
Administrative	51,00,000	51,50,000	51,50,000
Suspense	6,25,000	6,00,000	6,00,000
Financial ..	57,25,000	57,50,000	57,50,000
Net Receipts—			
Administrative	34,00,000	40,50,000	41,00,000
Suspense	..	..	..
Financial ..	34,00,000	40,50,000	41,00,000

21. The final issue of these estimates should be prepared and submitted so as to reach the Government of India not later than the 1st May 1890.

Order—Ordered that a copy of the above be forwarded to the Government of Madras, Public Works Department, for information and guidance, with the request that 35 * printed copies of the final issue of the estimates, as now passed, may be submitted in the usual course.

* 10 copies to Simla and the remainder to Calcutta.

(Signed) A. G. BEGBIE, Lt.-Col., R.E.,
for Secretary to the Govt. of India.

Order—dated 9th April 1890, No. $\frac{482}{B.}$ R., Public Works.

Communicated to the Consulting Engineer for Railways with reference to his endorsements Nos. 17 and 143, dated 10th January and 27th February 1890.

2. Attention is directed to para. 21 of the Resolution.

(True Extract).

(Signed) SIDNEY SMITH, Major, R.E.,
Under-Secy. to Govt., P.W.D.,
Railway Branch.

Read also the following paper :—

From the Consulting Engineer for Railways, dated Madras, 9th May 1890, No. 330.

Final Issue of Budget Estimate for 1890-91 of Madras Railway.

Submitted to Government for transmission to the Government of India, with reference to para. 21 of its Resolution No. $\frac{76}{B.O.}$ A—R., dated 26th March 1890, embodied in Proceedings of Government No. $\frac{482}{B.}$ R., dated 9th April 1890.

Order—dated 13th May 1890, No. 653 R., Public Works.

Ordered to be forwarded to the Government of India with reference to para. 21 of its Resolution No. $\frac{76}{B.O.}$ A—R., dated 26th March 1890.

(Here enter No. 654 R., dated 13th May 1890.)

(True Extract.)

(Signed) SIDNEY SMITH, Major, R.E.,
Under-Secy. to Govt., P.W.D.,
Railway Branch.

To the Consulting Engineer for Railways.
„ Examiner, Guaranteed Railway Accounts.

Endorsement—dated 13th May 1890, No. 654 R., Public Works.

Forwarded.

(By Order.)

Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

Exd. J. Moses.
Spare Copies .

RAILWAY.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated May, 13*th*.

Recd. *Encl.*

G.O., 13th May 1890, Nos. 653 R.
654 R.

MAY.

Madras Railway

Forwarding the final issue of the budget estimate of the — for 1890-91.

Including Offices

3. Fuel	20,834	24,000	25,000	40,000
4. Water (including Wages and Stores)	32,970	36,000	34,000	30,000
5. Oil, Tallow and other Stores (expended on engines in work) ..	4,631 20	4,50,000	2,500	2,000
6. Maintenance and renewals of locomotive engines and Machinery ..	1491	2,500	"	"
7. New Minor Works	"	"	"	"
8. Payments to other lines	120,540	1,42,500	1,40,000	1,00,000
9. Unclassified Expenditure	"	"	"	"
Total ..	1,61,764	1,64,00,000	1,73,500	1,80,000

CARRIAGE AND WAGON EXPENSES.

1. General Superintendence	4,31,462	40,000	42,000	42,000
2. Repairs and renewals of vehicles and Machinery	4,85,852	5,00,000	5,00,000	4,90,000
3. Cleaning Carriages and Wagons and oiling	52,987	60,000	56,000	55,500
4. New Minor Works	503	2,500	2,500	2,500
5. Unclassified Expenditure	51,036	67,500	50,000	40,000
Total ..	6,33,840	6,70,000	6,54,500	6,30,000
Deduct sum chargeable to Fire Insurance Fund ..	3,945	"	"	"
Total ..	6,29,895	6,70,000	6,54,500	6,30,000

17

4. Advertising (all advertisements of all Departments)	4583	3000	5000	6000
5. Electric Telegraph	104549	110,000	117,000	106,000
6. Clearing Accounts with other lines	"	"	"	"
7. Unclassified Expenditure	33569	12000	25000	27000
Total	505694	480,000	508,000	508,000
Deduct sum chargable to Fire Insurance Fund	4454	"	8000	8000
Total ..	501,240	480,000	500,000	500,000

SPECIAL AND MISCELLANEOUS EXPENDITURE.

1. Law Charges	7728	6000	6000	2000
2. Compensation	16,806	6000	15000	5000
3. Rates and Taxes (including Municipal Water Rates)	13.005	15000	12000	8000
4. Payments to other lines	3392	6000	5000	1000
6. Contribution to	"	"	"	"
~~6. Bridge Toll Collection Establishment, &c.~~				
5. Prizes for Station Gardens, &c.	436	2000	2000	1000
8. Miscellaneous Expenditure	14.997	10.000	7000	3000
Total ..	56.364	45000	47000	20000
Deduct sum chargeable to Fire Insurance Fund ..	7958	"	"	"
Total ..	48406	45000	47000	20000

RAILWAY.

18

Madras
7th May 1890

Asst Chief Auditor

Asst Agent and Manager

Compared by
Asst Chk by

Examiner of Ry. Accounts

		Rs.	Rs.	Rs.		
Engineer's Department	"	"	"			
Locomotive do.	"	"	"			

Schedule E.

Budget Estimate of Expenditure for purchase of Stores for the Madras Railway during 1890-91.

Detail.	Actual Purchase during 1888-89.		Probable Purchases during 1889-90.		Estimated Purchases during 1890-91.	
	Quantity.	Amount	Quantity.	Amount.	Quantity.	Amount.
		Rs.		Rs.		Rs.
In India						
Store						
Iron, wrought	tn	99150	94100	300000	94100	500000
Do. cast	"	1011996	76020	125500	7 155500	132500
Do. Steel	"	18063	9295	83300	9 9330	8800
Coal & Coke	"	19078	21210	80000	23240	182000
Cotton Waste &c	"	2120	2140	10000	4840	11000
Timber of all kinds	cft	21143	41982	40000	6000	16000
Timber Country	"	68683	34302	18000	"	12000
Timber Sleepers	No.	187665	5299	10500	"	20000
Do. Teak	"	26192	"	24000	"	110000
Materials for Tarpaulins	"	112272	"	110000	"	120000
Tiles manufacture of Shire	"	81604	"	120000	"	120000
Tiles laid and roofing charges	"	"	"	3000	"	12000
Soft asbestos cast in Spanish Mortarless	"	21312	"	212650	"	160600
Laundry Stores	"	139444	"	1402656	"	1376000
Total						

ENGLISH TRANSACTIONS.

	Budget Estimate, 1890-91.
	Rs.
Indents to be sent Home during year	1084100
Add for indents of previous year expected to be complied within official year ..	1193580
Add English Establishment charges	175000
Total ..	2452680
Deduct amount of orders not expected to be complied with until next year	510680
Net Capital Cash transactions in England	1942000

Schedule F.

Estimate of Traffic Receipts of the Madras Railway, 1890-91.

Number of miles open for traffic on 1st April 1889	840
Expected to be opened during 1889-90	"
Total on 1st April 1890 ..	840
Expected to be opened during 1890-91	"
Total likely to be opened at end of 1890-91	840
Average number of miles expected to be opened during the whole of 1890-91 ..	840

	Actuals in 1888-89.	Sanctioned Budget Estimate, 1889-90.	Revised ~~Regular~~ Estimate, 1889-90.	Budget Estimate, 1890-91.
	Rs.	Rs.	Rs.	Rs.
Coaching Traffic	3635901	3600000	3830000	3900000
Goods do.	4679107	4720000	5150000	5100000
Electric Telegraph	18048	20000	20000	20000
Sundries	205748	160000	200000	230000
Total	8538804	8500000	9200000	9250000
Spain Mileage .. .. ~~Total~~ ..	2365885	2371000	2369000	2370000

RAILWAY.

56	Platform at Devengroondi	1,520	1,443	2,963	
57	Platform and Lay bye at Vallur	2,072	3,448	5,520	
58	Goods shed to be doubled in length at Tadpatri	2,601	2,681	5,282	
59	Extension of Goods shed at Tirupur	2,367	2,416	4,783	
60	Station House at Kagankarai	1,729	860	2,589	
61					
62	Booking Office, Oil & Store room, Road Goods room and waiting shed at Ketandapatti	1,722	758	2,480	
	3rd Class waiting to be enlarged at Perok	2,809	2,754	5,563	
63	House for Station Master at Yerraguntla	917	266	1,183	
64	House for Station Master at Tungabhadra	924	266	1,190	
65	House for Station Master & Howes for Subordinate Staff at Gudaluru	1,900	555	2,455	
66	Assistant Station Masters House at Kuppam	752	267	1,019	
67	Assistant Station Masters House at Kadgody	785	267	1,052	
68	Re arrangements of yard at Jalarpet	6,230	9,907	16,137	
69	Alterations and additions of sidings &c at Salem	1,293	3,432	4,725	
70	Station House at Kadalandi	7,325	3,581	10,906	
71	Lay bye at Indiyalur	584	1,821	2,405	
72	3rd Class waiting room &c at Tiruvallam	1,259	1,483	2,742	
73	Running Gubrds Bungalow at Bangalore	2,864	960	3,824	
74	Drainage at $\frac{228}{17}$ & $\frac{229}{17}$ Miles North West Line	3,150	"	3,150	
75	Electric Telegraph				
76	Introduction of Electric light in Trains	3,000	12,000	15,000	
	Total Engineering Department	3,28,725	3,66,071	6,94,796	
	Carriage and Wagon Department				
	100 Iron Covered Goods Wagons	10,000	1,92,000	2,02,000	
	Total Schedule B	3,38,725	5,58,071	8,96,796	

30			Booking Office, Oil and Store room, waiting shed, and Road Goods room at Kagankarai				1.724	758	2482			
31			Booking Office, Oil and Store room, waiting shed and Road Goods room at Gudalur				1143	370	1513			
32			Booking Office, Oil and Store room, waiting shed, Road Goods room and Lay bye at Singanallur				2367	2678	5045			
33			Booking Office, Oil and Store room and Road Goods room at Arinjanur				1730	758	2488			
34			Platforms to be provided at Trial Stations				5341	5990	11331			
35			Laybye at Mulanur				615	1910	2525			
36			Fixing Lightning Conductors to Buildings at Renigunta				306	755	1061			
37			Drainage at Bangalore City Station				1200	90	1290			
38			Lavatory and Latrines for 1st & 2nd Class Passengers at Central Station				2000	3000	5000			
			Carried Over				241890	256977	498867			

"	"	"	"	"	"	"	178154	256911	435131	6316		
"	"	"	"	"	"	"	2000	3000	5000	"	38	
"	"	"	"	"	"	"	1200	90	1290	"	37	
"	"	"	"	"	"	"	306	755	1061	"	36	
"	"	"	"	"	"	"	615	1910	2525	"	35	
"	"	"	"	"	"	"	5341	5990	11331	"	34	
"	"	"	"	"	"	"	1730	758	2488	"	33	
"	"	"	"	"	"	"	2367	2678	5045	"	32	
"	"	"	"	"	"	"	1143	370	1513	"	31	
"	"	"	"	"	"	"	1724	758	2482	"	30	

8		4 Houses for Native Clerks Guntakal Traffic Department	2507	879	3386								
9		Running Drivers Bungalow at Renigunta	7168	1426	8594								
10		One Block of 2 Bungalows for European and Eurasian Firemen at Katpadi	2022	398	2420								
11		One Block of 4 Bungalows for European and Eurasian Firemen at Podanur	3145	1521	4666								
12		2 Houses for Native Clerks and 8 Houses for Native fitters at Bangalore	6456	2022	8478								
13		Shutrum for Native Drivers at Podanur	1249	560	1809								
14		Prosecuting Inspectors Bungalow at Gooty	2359	817	3176								
15		Scavengers Huts at Renigunta	2639	612	3251								
16		Scavengers Huts at Cuddapah	1834	408	2242								
17		Junction arrangements at Katpadi	75000	75000	150000								
18		Station Houses to be provided at 3 Trial Stations	20948	14570	35518								
19		10 Huts for Scavengers Calicut	2100	400	2500								
20		4 Crossing Stations	10188	30285	40473								
21		6 Sheds for Carriage and wagon repairing and lifting at Perambur Works	11082	46212	57294								
22		Lengthening of Engine shed to accommodate 8 Engines at Renigunta	5628	9004	14632								
		Carried Over	206741	207163	413904								

Total Schedule A

| | | |

			for Stations on the Palghat Extension	332	141	013	
125	G.O. № 111 R	1st July 1889	Single Needle Instruments, batteries &c. for trial or additional Stations	4,122	3588	7,710	
			Total Engineering Department	2479728	3704261	6183989	
			Carriage and Wagon Department				
1	G.E. № 466	28th May 1889	1 Reserved Saloon	2530	4250	6780	
2	G.E. № 535	22nd June 1889	12 Brake Vans	7200	33000	40200	
3	G.E. № 361 / G.O. № 1319 R	20th April 1889 / 28th Nov. 1889	200 Iron Covered Goods Wagons	20000	384000	404000	
4	G.E. № 561	26th July 1889	50 Iron Open Wagons for Stone traffic	7500	65000	72500	
5	G.O. № 1243 R	6th Nov. 1889	1 Composite Carriage	1500	4200	5700	
6	do	do	36 Third Class Carriages	27000	99000	126000	
7	do	do	14 Ambulance Carriages	12600	43400	56000	
			Total Carriage & Wagon Department	78330	632850	711180	
			Total Schedule A	2558058	4337111	6895169	

37	37	74	295	304	599	"	"
"	"	"	700	1100	1800	3422	2488
"	"	"	4800	12,000	26800	2400	11000
"	"	"	15980	27330	29282	2450	38400
"	"	"	2500	89500	92000	"	"
"	"	"	750	2100	2850	750	2100
"	"	"	2000	33,000	44000	18000	66000
"	"	"	4200	14,500	18700	8400	28900
4,521	76428	80949	37259	434512	471771	32000	142400
14,57797	24,11111	38,62905	5,38294	9,39850	14,78174	3,69000	8,12486

125	1	2	3	4	5	6	7
2501	4130	6631	29	120	149	"	"
"	"	"	4800	12,000	26800	2400	11000
2020	72298	74318	15980	27330	29282	2450	38400
"	"	"	2500	89500	92000	"	"
"	"	"	750	2100	2850	750	2100
"	"	"	2000	33,000	44000	18000	66000
"	"	"	4200	14,500	18700	8400	28900
4,521	76428	80949	37259	434512	471771	32000	142400
14,57797	24,11111	38,62905	5,38294	9,39850	14,78174	3,69000	8,12486

125							

106	C.E. № 993	25th Nov. 1889	Extension of through siding at Tirupatur					1,043	5,841	6,884	
107	G.O. № 1330	3rd Dec. 1889	Siding and Cross over road at Olavakode					3,910	5,848	9,758	
108	G.O. № 410 R	22nd March 1890	3rd Line Lay bye at Mulanur					433	1,380	1,813	
109	C.E. № 187	27th Feby 1890	3 Jow Crank at Mangalam					116	1,551	1,667	
110	C.E. № 104	4th Feby 1890	Grass over road at Kolar Road					1,329	"	1,329	
111	C.E. № 101	4th Feby 1890	Enlargement of Auxiliary well at Shoocock					2,605	1,639	4,244	
112	C.E. № 347	19th April 1890	Platform at Kadalundi					489	1,633	2,122	
113	C.E. № 953	14th Nov. 1889	Extension of through siding at Coimbatore					416	1,643	2,059	
114	C.E. № 958	14th Nov. 1889	Extension of through siding at Gudiyatam					507	884	1,391	
115	C.E. № 968	18th Nov. 1889	Workshop alongside Engine shed at Renigunta								
116			New Minor Works - Amount expended in excess of Revenue Sanction					10,866	"	10,866	
			Ballast and Permanent Way								
117	G.O. № 17 R	4th Feby 1886	Laying New Permanent Way over Girder Bridges South West Line					8,115	216,284	224,399	
118	C.E. № 331	31st March 1886	Laying New Permanent Way over Girder Bridges North West Line					9,659	306,302	315,961	
	C.E. No. 184	3rd Feby 1887									
			Carried Over					24,07,517	35,94,191	60,01,708	
								~~23,98,899~~	~~30,71,605~~	~~54,50,782~~	

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	G.E. № 1014	14 March 1888								
	G.O. № 502	4 May 1889								
	G.O. № 531	13 May 1889								
3	G.O. № 911K	6 Decr 1886	New Bridge over the Chittravatti River	397.771	7.66.956	11.64.727				
	G.E. № 769	7 Decr 1886								
	G.O. № 773K	18 October 1886								
4	G.O. № 932K	13 Decr 1886	New Bridge over the Papaghni River	421.290	565852	987.142				
	G.E. № 790	15 Decr 1886								
5	G.O. № 218K	26 Feby 1889	Over Bridge at East end of Perambur Station	591	4.831	5.422				
	G.E. № 190	1 March 1889								
6	G.E. № 699	10 Septr 1888	Foot Bridge at West end of Perambur Works	817	6.221	7.038				
	G.E. № 701	24 August 1889								
7	G.E. № 19	9 Janry 1889	Protective Works at $\frac{201}{12}$ to $\frac{203}{11}$ miles North West Line	2.511	394	2.905				
			Extension of Line							
8	G.E. № 52	26 Janry 1886	Extension of Line to Calicut	802.159	7.26.279	15.28.438				
	G.E. № 882	21 Decr 1887								
			Carried Over	2048688	2608239	4656927				

1143704	6630579	806761	1764442	6158636	2391778	4666961	4123653	8905949	311729	3
"	"	"	6314206	10090000	16214200	10000000	4527000	5290000	2194722	4
"	"	391	4831	5422	"	"	"	"	"	5
"	16	16	817	6205	7022	"	"	"	"	6
"	21	21	2090	200	2290	4421	173	594	"	7
8218442	6890423	1515467	12991	"	12991	"	"	"	"	8
1281681	1838311	3119992	3616800	2121804	5336644	1512344	4950366	6491200	3053831	

			in consequence of Junction arrangements with Cuddapah Nellore State Railway			36704	46543	83247			
23	G.E. № 906 G.E. № 613	31st Oct. 1888 22nd July 1889	Godowns for Messrs Stanes & Co and Messrs Pierce Leslie & Co at Mettupalaiyam Station			2270	130	2400			
24	G.E. № 659	12 August 1889	Loading Bank and Goods Godown at Sankaridroog			1359	1139	2498			
25	G.E. № 662	12 August 1889	Extension of Goods Godown at Erode			2117	1569	3686			
26	G.O. № 1155 G.E. № 408	25 Oct. 1889 19 do	Waiting Sheds at Perambur			1610	5668	7278			
27	G.E. № 858	17 Oct. 1889	Lay bye, Loading Bank and Goods Godown at Kupgal			1565	3129	4694			
28	G.E. № 936	8 Nov. 1889	Tank to be erected on Bridge № 242 at Penner			2222	135	2357			
29	G.E. № 225 G.E. № 823	12 March 1889 7 Oct. 1889	Platform at Conner			2445	2525	4970			
30	G.E. № 610	13 August 1889	Platform at Pallipuram			2371	1661	4032			
31	G.E. № 593	13 July 1889	Platform at Ariyanur			1391	1342	2733			
32	G.E. № 321	9 April 1889	Enlarging and deepening Loco: Well № 2 at Salem			2125	-	2125			
			Carried Over			219254	27738	74	49	66	422

				1143704	6630857	8067461	1762442	6153667	2317778	4666966	4236389	8905949	3112929	3
				"	"	"	6241220	1000000	1624420	1000000	4526000	5320000	2741722	4
				"	"	"	591	4831	5422	"	"	"	"	5
				"	16	16	817	6205	7022	"	"	"	"	6
				"	21	21	2090	200	2290	421	173	594	"	7
				8264424	6890432	15154867	12991	"	12991	"	"	"	"	8
				1281681	1838311	3119992	3616860	2218044	5834664	1523844	4950366	6474420	3058851	

	G.E. № 1014	14 March 1885					
	G.O. № 502	4 May 1889					
	G.O. № 531	13 May 1889					
3	G.O. № 911 R	6 Decr 1886	New Bridge over the Chittravatti River	397.771	7.66.956	11.64.727	
	G.E. № 769	7 Decr 1886					
	G.O. № 773 R	18 October 1886					
4	G.O. № 932 R	13 Decr 1886	New Bridge over the Papaghni River	421.290	56.5852	9.87.142	
	G.E. № 790	15 Decr 1886					
5	G.O. № 218 R	26 Feby 1889	Over Bridge at East end of Perambur Station	591	4.831	5.422	
	G.E. № 190	1st March 1889					
6	G.E. № 699	10 Septr 1888	Foot Bridge at West end of Perambur Works	817	6.221	7.038	
	G.E. № 701	24 August 1889					
7	G.E. № 19	9 January 1889	Protective Works at $\frac{201}{12}$ to $\frac{203}{11}$ miles North West Line	2.511	394	2.905	
			Extension of Line				
8	G.E. № 52	26 January 1886	Extension of Line to Calicut	802.159	72.6279	152.8438	
	G.E. № 882	21 Decr 1887					
			Carried Over	2048.688	260.8239	465.6927	

Refunds of Receipts from Revenue for work done				
Other refunds—				
Home Expenditure, &c.	202645	350000	225000	300000
Amount less Credited to refunds	2102	"		
Total Payments in Treasury on Capital Account ..	2078496	2200000	2375000	2300000
Net Cash Demand of the year on Capital Account ..	33720	200000	425000	350000
ENGLAND.				
PURCHASE OF STORES.				
Indents to be sent Home during the year	"	966400	1586380	1084100
Previous Indents to be complied with	"	569044	1042200	1193580
Total ..	"	1535444	2628580	2277680
Deduct for Indents estimated to be complied with in the following year	"	611444	1193580	510680
Total Outlay for Stores ..	978010	924000	1435000	1767000
HOME EXPENDITURE AND PAYMENTS.				
Home Expenditure	68699	90000	75000	75000
Furlough and Sick Leave Allowances	22956	35000	30000	30000
Family and sundry payments less receipts	63363	75000	70000	70000
Total Home Expenditure and Payments ..	155018	200000	175000	175000
Total Cash Demand in England ..	1133028	1124000	1610000	1942000

EXPENDITURE AS PER SCHEDULE G.

Maintenance of Way, Works, and Stations	1383054	1500000	1390200	1380000
Locomotive Expenses	1617644	1644000	1938320	1820000
Carriage and Wagon Expenses	629895	670000	634320	630000
Traffic Expenses	806524	765000	800000	800000
General Charges	301240	480000	560000	500000
Special and Miscellaneous Expenditure	48406	45000	41000	20000
Total (3) ..	4986763	5100000	5150000	5150000
Payments to other lines for their proportion of through traffic, &c. ..	502386	625000	600000	600000
Payments to Capital Account other than for Stores, &c., included in the working expenses in Schedule G.	"	"	"	"
Other abnormal payments in detail, or as per schedule attached ..	"	"	"	"
Total Withdrawals from Treasury on Revenue Account (4) ..	5489149	5725000	5750000	5750000
Net Earnings (1)—(3) ..	3552041	3400000	4050000	4100000
Net Receipts (2)—(4) ..	3630388	3400000	4050000	4100000
Surplus Profits ..	"	"	"	"

G.O. No. 653-54 R

Final Issue

(Duplicate)

Madras Railway

Budget Estimate

1890-91

CAPITAL ACCOUNT.

Abstract of Estimated Cash Expenditure in India on the Madras Railway for the official year 1889-90.

Particulars.	Actuals for 1888-89.	Budget Estimate for 1889-90.	Revised Estimate for 1889-90.	Budget Estimate for 1890-91.
India	Rs.	Rs.	Rs.	Rs.
CAPITAL OUTLAY.				
ENGINEERING DEPARTMENT.				
Sanctioned Works as per Schedule A	6,95,604	5,00,000	5,01,035	2,77,000
Works to be sanctioned do. B	"	2,50,000	"	2,50,000
Emergent Works do. D	"	"	"	"
LOCOMOTIVE DEPARTMENT.				
Sanctioned Works as per Schedule A	"	"	"	"
Works to be sanctioned do. B	"	"	"	"
CARRIAGE AND WAGON DEPARTMENT.				
Sanctioned Works as per Schedule A	16,952	1,500	37,259	32,000
Works to be sanctioned do. B	"	25,000	"	18,000
GENERAL.				
Establishment chargeable to Capital as per General Estimate of Establishment C	14,408	20,000	1,050	"
Stores as per Schedule E	1,38,944	11,92,500	14,05,656	13,76,000
Miscellaneous	64[illegible]2	5,000	5,000	5,000
	21,22,885			
Deduct Increase in Credit balance of Capital Advance Account	78,109			
Total Withdrawals on Capital Account	20,44,776	20,00,000	19,50,000	19,50,000
Receipts to be credited to Capital Account				
Share Capital paid in India	"	"	"	"
Refunds on account of Stores sold to Revenue and others	1,73,749	18,50,000	21,50,000	20,00,000

CAPI

Schedule A, or Construction

Budget Estimate of Sanctioned Works of the Madras

Number of Items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash Outlay in India.	Value of Stores.	Total Expenditure.
				Rs.	Rs.	Rs.
3	8	8	19 #			

Actual Expenditure up to close of Official Year 1888-89.			Probable Expenditure during 1889-90.			Budget Estimate for Expenditure for Official Year 1890-91.			Estimated Expenditure in future years.	Number of Item.	Remarks.
Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.			
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		

Railway for the official year 1890-91.

Works—Part I.

TAL.

4

TAL.

Works—Part I.

Railway for the official year 1890-91.

Actual Expenditure up to close of Official Year 1888-89.			Probable Expenditure during 1889-90.			Budget Estimate of Expenditure for Official Year 1890-91.			Estimated Expenditure in future years.	Number of Item.	Remarks.
Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.			
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
5-	5-	5-	5-	4	5-	5-	5-	5-	5-	1/2	
"	"	"	500	"	500	2767	"	2767	"	1	
311553	486174	797727	106229	49032	155261	2500	2500	5000	"	2	

Engineering Establishment

Earthwork

1 | G.G. Hills | 12 Lugust 1890 | Widening the Embankment of the Hatchin Canal | 12/9 miles South Nest Km | 3267 | " | 3267

Brickwork

{G.G. № 5491 of August 1890
G.O. № 315 of 19 March 1890
G.O. № 1732 of July 1890
G.O. № 828 of 4th 1890
2 {G.G. № 1467 of August 1889
G.G. № 1778 of November 1889
G.O. № 1001 of 17 May 1888

Reconsideration of the Annual Budget — 412182 | 53196 | 951988

Number of Items.	Sanctions.		Particulars.	Amount of Estimate.		
	Number.	Date.		Cash Outlay in India.	Value of Stores.	Total Expenditure.
3	8	8		Rs.	Rs.	Rs.

Schedule A, or Construction

Budget Estimate of Sanctioned Works of the Madras

CAPI

3

Railway for the official year 1890-91 —continued.

Actual Expenditure up to close of Official Year 1888-89.			Probable Expenditure during 1889-90.			Budget Estimate of Expenditure for Official Year 1890-91.			Estimated Expenditure in future years.	Number of Items.	Remarks.
Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.			
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
12,81,681	18,38,311	31,19,992	3,61,860	2,21,804	5,83,664	1,52,384	4,95,036	6,47,420	3,05,857		
2041	820	2861	1650	121	1771	"	"	"	"	9	
682	3516	4198	6397	3613	10010	"	"	"	"	10	
3	2037	2040	3127	1970	5097	500	300	800	"	11	
"	"	"	2835	2791	5626	200	50	250	"	12	
"	"	"	6883	10282	17165	2000	4000	6000	"	13	
"	"	"	9839	12143	22032	200	250	450	"	14	
7163	3270	10433	365	715	1080	"	"	"	"	15	
5560	3763	9323	1115	425	1540	"	"	"	"	16	
4114	11849	15963	2437	1351	3788	"	"	"	"	17	
7132	10458	17590	40	55	95	"	"	"	"	18	
9483	10514	19997	3361	2301	5662	"	"	"	"	19	
4608	4712	9320	2507	2837	5344	"	"	"	"	20	
3542	5043	8585	2060	395	2455	"	"	"	"	21	

Budget Estimate of Sanctioned Works of the Madras

Number of Items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash Outlay in India.	Amount of Estimate. Value of Stores.	Amount of Estimate. Total.
			Brought forward	Rs. 20,18,688	Rs. 26,03,139	Rs. 46,21,827
			Stations and Buildings			
9	G.C. & E. 1356	22 Dec. 1888	Station. House &c. and Platform	3070	1562	4632
10	G.O. & E. 85	20 Feb. 1889	Station. House &c. and Goods shed	9959	7129	17088
	G.C. & E. 813	23 Feb. 1889				
	G.O. & E. 127	13 May 1889	Station. House &c. at Ulli.	3630	4307	7937
	G.C. & E. 113	4 May 1889				
	G.C. & E. 26	11 May 1889				
12	G.O. & E. 379	6 Aug. 1889	Station. House at Nellikuppam	3135	2814	5949
13	G.O. & E. 338	17 May 1889	Station. House &c. at Villupuram	8385	14282	23167
14	G.O. & E. 338	15 May 1889	Station. House &c. at Tanganur	10089	12393	22482
	G.C. & E. 913	11 July 1888				
15	G.O. & E. 388	8 Aug. 1889	Station. House &c. at Attur.	7128	3985	11513
	G.O. & E. 645	2 July 1889				
16	G.O. & E. 812	4 Dec. 1889	Station. House at Cuddalore.	6678	4188	10863
	G.C. & E. 810	13 Dec. 1888				
17	G.O. & E. 129	19 July 1889	3 Sheds at the South End of Tanjore Jetty for Steamer Goods	6331	13200	19531
	G.C. & E. 435	16 May 1889				
18	G.O. & E. 294	9 July 1889	Crossing Station at Pattukottai Branch	7142	10543	17685
	G.C. & E. 218	11 March 1889				
19	G.O. & E. 94	7 July 1888	Crossing Station at Mullanur	12468	13191	25659
	G.C. & E. 219	11 March 1889				
20	G.C. & E. 154	25 July 1888	Crossing Station at 155 Mile Post Cuddalore	3972	8692	12664
	G.C. & E. 185	28 do 1889				
21	G.O. & E. 68	26 June 1888	Alterations and additions to Factory Station	3339	3481	11010
			Alterations and additions to Trenumbe Station			

Railway for the official year 1890-91 —continued.

Actual Expenditure up to close of Official Year 1888-89.			Probable Expenditure during 1889-90.			Budget Estimate of Expenditure for Official Year 1890-91.			Estimated Expenditure in future years.	Number of Items.	Remarks.
Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.			
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
1367852	1943666	3311458	414961	269533	684514	159131	505468	664599	305851		
"	"	"	102	1546	1648	100	500	600	"	33.	
"	"	"	181	2040	2221	100	600	700	"	34	
"	"	"	295	2640	2935	"	"	"	"	35	
"	"	"	894	5689	6583	"	"	"	"	36	
"	"	"	1071	5428	6499	"	"	"	"	37	
"	"	"	148	2331	2479	200	500	700	"	38	
633	1139	1772	3601	712	4313	"	"	"	"	39	
1745	790	2535	2628	547	3175	"	"	"	"	40	
861	439	1300	3248	1320	4568	"	"	"	"	41	
10848	8909	19757	1591	151	1742	"	"	"	"	42	
2310	315	2625	374	500	874	"	"	"	"	43	
3582	1426	5008	"	"	"	4692	1304	5996	"	44	
5649	848	6497	2262	727	4309	"	"	"	"	45	

Number of Items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash Outlay in India.	Amount of Estimate. Value of Stores.	Amount of Estimate. Total.
1	2	3	4	Rs.	Rs.	Rs.
			Bhowanipatna Bridge	192548	71894	264422
			Station and Building (contd.)			
33	G.G. & 855	17 Oct. 1889	3 Ton Crane at Jeypur	202	2006	2208
34	G.G. & 851	do	3 Ton Crane at Salem	281	2640	2921
35	G.G. & 484	3 June 1889	5 Ton Crane at Renigunta	295	2640	2935
36	G.O. & 521	10 May 1889	30 Ton Weigh Bridge and station at Gunturpalli	894	5689	6583
37	G.O. & 616	24 Jan. 1889	30 Ton Weigh Bridge and station at Bellari Station	1071	5428	6499
38	G.G. & 106	8 May 1889	Weigh Bridge and withdrawing of Cases over Road at Yellur	348	2831	3179
39	G.O. & 782	25 Sept. 1888	Shed at Jeypur	437	172	6083
40	G.G. & 263	26 March 1889	Bungalow for 3 Assistant Clerks at Salem	4277	1433	5710
41	G.O. & 269	31 March 1889	Native Clerks House at Salem	4109	1790	5899
42	G.G. & 264	23 March 1889	Tyered Clerks Office at Salt Chowki Station	12459	9060	21519
	G.O. & 884	4 July 1888				
43	G.G. & 432	16 May 1889	Assistant Clerk for Chowki at Renigunta	2684	815	3499
	G.G. & 152	19 July 1889				
44	G.G. & 286	29 March 1889	Goods Engine Shed at Cuddalore	8194	2130	10324
	G.O. & 30	30 Jan. 1887				

Budget Estimate of Sanctioned Works of the Madras

Railway for the official year 1890-91 —continued.

Actual Expenditure up to close of Official Year 1888-89.			Probable Expenditure during 1889-90.			Budget Estimate of Expenditure for Official Year 1890-91.			Estimated Expenditure in future years.	Number of Items.	Remarks.
Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.			
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
1295475	1967552	3363027	453414	324718	778132	167671	509731	677402	305851		

Budget Estimate of Sanctioned Works of the Madras

Number of Items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash Outlay in India.	Value of Stores.	Total.
				Rs.	Rs.	Rs.
3	8	8	19th Brought over	231587	299243	531113
			Stations and Buildings (Cont'd)			
91	C.E.No 83	29 Jany 1890	Converting Salt Godown into Running Guards Bungalow Bangalore Cantonment	1387	887	2274
92	G.O.No 32 R	11 Jany 1890	Alterations and additions to Station Quarters at Bangalore Cantonment	10307	9021	19328
93	C.E.No 167	28 July 1890	Alterations and additions to Station Kolar Road	2912	653	3565
94	C.E.No 229	10 March 1890	Permanent Way Inspectors Bungalow at Banavara	2426	1075	3501
95	C.E.No 225	10 March 1890	Double Engine Drivers Bungalow at Renigunta	3485	1460	4945
96	G.O.No 373 R	15 March 1890	Lay liya and Landing Bank at Patchur Bangalore Branch	504	4457	8961
97	G.O.No 372 R	15 March 1890	Alterations and Additions to Sidings at Kolar Road	3265	13006	16271
98	C.E.No 170	20 July 1890	Bungalow for 2 families for Guards at Arkonam	2932	1615	4547
99	C.E.No 189	27 July 1890	Bungalow for 2 families for Guards at Podanur	3018	1145	4163
100	G.O.No 459 R	1 April 1890	Running Drivers and Firemen's Bungalow at Renigunta	5611	2167	7778
101	C.E.No 1037	11 Dec 1889	Station Masters house at Urampatti	911	267	1178
102	C.E.No 1055	13 Dec 1889	Station Masters house at Reddipalle	988	1336	2324
103	C.E.No 125	10 July 1890	Emergency Stock Shed at Gooty	3204	7508	10712
104	G.O.No 215 R	11 July 1890	Through Siding at Virinamungalam	6072	7218	13290
			[illegible]			

Railway for the official year 1890-91—continued.

Number of Items.	Actual Expenditure up to close of Official Year 1888-89. Cash Outlay in India.	Value of Stores.	Total.	Probable Expenditure during 1889-90. Cash Outlay in India.	Value of Stores.	Total.	Budget Estimate of Expenditure for Official Year 1890-91. Cash Outlay in India.	Value of Stores.	Total.	Estimated Expenditure in future years.	Number of Items.	Remarks.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
	1396128	1917234	3313362	411931	487869	899800	196408	132302	328710	306251		
91	"	"	"	"	"	"	400	300	700	"	91	
92	"	"	"	"	"	"	987	387	1374	"	92	
93	"	"	"	"	"	"	2000	1000	3000	"	93	
94	"	"	"	"	"	"	300	200	500	"	94	
95	"	"	"	"	"	"	2126	1075	3201	"	95	
96	"	"	"	"	"	"	3485	1460	4945	"	96	
97	"	"	"	"	"	"	4504	4457	8961	"	97	
98	"	"	"	"	"	"	3265	13006	16271	"	98	
99	"	"	"	"	"	"	2932	1615	4547	"	99	
100	"	"	"	"	"	"	3018	1145	4163	"	100	
101	"	"	"	"	"	"	5611	2167	7778	"	101	
102	"	"	"	"	"	"	611	117	728	"	102	
103	"	"	"	"	"	"	488	536	1024	"	103	
104	"	"	"	"	"	"	4000	4308	8312	"	104	
105	"	"	"	"	"	"	2320	5218	10790	"	105	
							200	200	400	"		

***Railway for the official year 1880-81*—continued.**

Actual Expenditure up to close of Official Year 1888-89.			Probable Expenditure during 1889-90.			Budget Estimate of Expenditure for Official Year 1890-91.			Estimated Expenditure in future years.	Number of Items.	Remarks.
Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.			
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
13,99,800	22,47,524	36,47,324	4,96,642	5,00,969	9,97,611	2,56,658	6,47,564	9,04,222	4,52,531		
46,023	84,784	1,30,807	2,000	1,000	3,000	16,920	16,034	32,954	"	119	
167	216	383	601	792	1,393	"	"	"	"	120	
867	497	1,364	225	406	631	"	"	"	"	121	
66	534	600	253	449	702	"	"	"	"	122	
316	1,091	1,407	319	338	657	"	"	"	"	123	

Number of Items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash Outlay in India.	Amount of Estimate. Value of Stores.	Amount of Estimate. Total.
				Rs.	Rs.	Rs.
119	G.O. 2798	25 July 1889	Clothing Establishments. Revised Estimate for the construction of Sheds and Godowns for the storage of Clothing and Tents.	14,01,517	3,24,191	17,25,708
120	G.E. 490	26 July 1887	Clothing Department. Revised Estimate for the Clothing Establishments required at Stations on the Calcutta Extension.	64,943	101,818	1,66,761
121	do	do	Establishments, Allowances &c. required for opening Clothing offices at Stations on the Calcutta Extension.	768	1008	1776
122	G.E. 830	25 Nov 1889	Establishments. Estimate of the cost of tents, Clothing, Bedding and Camp equipage for Clothing Establishments on the Calcutta Extension.	1092	903	1995
123	G.E. 884	21 Dec 1889	Tents, Mines, Establishments &c. required for the erection of Clothing Godowns on the Calcutta Extension.	319	983	1302
124	G.E. 827	21 Dec 1887	Clothing Department. Additional Establishments required for the Block Instruments	635	1429	2064

Budget Estimate of Sanctioned Works of the Madras

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Schedule B, or Construction

Budget Estimate of Un Sanctioned Works of the Madras

Number of Items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash Outlay in India.	Value of Stores.	Total.
			19 #	Rs. 5—	Rs. 5—	Rs. 5—
			Engineering Department			
			Earthwork			
1			Pitching the embankment of Tank at 22 Miles 14 Chains South West Line	1,143	"	1,143
2			Pitching the embankment of Tank at 46 Miles 74 Chains to 47 Miles South West Line	1,759	"	1,759
3			Raising Line at 60 3/4 Mile South West Line	9,260	808	10,068
			Bridgework			
4			Removing existing Girders and fixing new Girders alongside Thootha Bridge	4,663	7085	11,749
			Stations and Buildings			
5			Bungalows for 2 families to be provided at 2 Stations Traffic Department	19,335	9,852	29,187
6			Houses for Subordinate Staff Traffic Department	9,833	2,337	12,170
7			Houses for Station Masters	6,423	2,966	9,389

Number of Items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Actual Expenditure up to close of official Year 1888-89. Cash Outlay in India.	Value of Stores.	Total.	Probable Expenditure during 1889-90. Cash Outlay in India.	Value of Stores.	Total.	Budget Estimate of Expenditure for official Year 1890-91. Cash Outlay in India.	Value of Stores.	Total.	Estimated Expenditure in future years.	Number of Items.	Remarks.
				Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
7	"	6428	2966	9389	"	"	"	"	"	"	"	"			
6	"	9833	2337	12,170	"	"	"	"	"	"	"	"			
5	"	19,335	9852	29,187	"	"	"	"	"	3000		3000			
4	"	4663	7086	11749	"	"	"	"	"	"	"	"			
3	"	9260	808	10,068	"	"	"	"	"	"	"	"			
2	"	1759	"	1759	"	"	"	"	"	"	"	"			
1	"	1143	"	1143	"	"	"	"	"	"	"	"			

Railway for the official year 1890-91 —continued.

Works - Part II

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Works—Part II.

Railway for the official year 1890-91.

Actual Expenditure up to close of Official Year 1888-89.			Probable Expenditure during 1889-90.			Budget Estimate of Expenditure for Official Year 1890-91.			Estimated Expenditure in future years.	Number of Items.	Remarks.
Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.			
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
"	"	"	"	"	"	147605	207163	354768	59136		
"	"	"	"	"	"	2410	7043	9453	"	23	
"	"	"	"	"	"	78	1158	1236	"	24	
"	"	"	"	"	"	4309	7238	11547	4000	25	
"	"	"	"	"	"	3037	14608	17645	"	26	
"	"	"	"	"	"	670	519	1189	"	27	
"	"	"	"	"	"	2485	2181	4666	"	28	
"	"	"	"	"	"	1734	758	2492	"	29	

Schedule B, or Construction

Budget Estimate of Sanctioned Works of the

Number of Items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash Outlay in India.	Amount of Estimate. Value of Stores.	Amount of Estimate. Total.
			Stations and Buildings (contd.)			
23			Engine sheds, shops and buildings at Bhavnagar Road	2400	2002	4402
24			Extension of Running shed at Gondal Road Terminus	78	1158	1236
25			Extension and improvement of Station Houses at Bhavnagar City	8309	7238	15547
26			Extension of Platforms and Verandah sheds	3037	14608	17645
27			Extension of Platforms at Sihor	670	519	1189
28			Extension of Goods shed at Sihor Road	2485	2181	4666
29			Booking office, Gate and Store room, meeting shed and Road Goods room at Upleta Management	1734	758	2492

Railway for the official year 1890-91 —continued.

Actual Expenditure up to close of Official Year 1888-89.			Probable Expenditure during 1889-90.			Budget Estimate of Expenditure for Official Year 1890-91.			Estimated Expenditure in future years.	Number of Items.	Remarks.
Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.			
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
"	"	"	"	"	"	1,78,754	2,56,977	4,35,731	63136		
						557	2,848	3,405	9000	39	
"	"	"	"	"	"	3,044	6,520	9,564	"	40	
							1,000	2,000	2,000	41	
"	"	"	"	"	"	789	4,118	4,907	2589	42	
"	"	"	"	"	"	4,102	4,000	8,102	"	43	
"	"	"	"	"	"	3,769	22,457	26,226	"	44	
"	"	"	"	"	"	338	1,628	1,966	"	45	
"	"	"	"	"	"	1,052	1,662	2,714	"	46	
"	"	"	"	"	"	1,759	2,919	4,678	"	47	
"	"	"	"	"	"	1,404	1,661	3,065	"	48	
"	"	"	"	"	"	1,430	2,289	3,719	"	49	
"	"	"	"	"	"	3,585	3,756	7,341	"	50	
"	"	"	"	"	"	463	200	663	"	57	
"	"	"	"	"	"	890	336	1,226	"	52	
"	"	"	"	"	"	371	980	1,351	"	53	
"	"	"	"	"	"	456	1,346	1,802	"	54	
"	"	"	"	"	"	315	821	1,136	"	55	
"	"	"	"	"	"	2,119	1,388	3,507	"	56	
"	"	"	"	"	"	1,520	1,443	2,963	"	57	
										58	

Budget Estimate of Sanctioned Works of the

Number of Items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash Outlay in India.	Amount of Estimate. Value of Stores.	Amount of Estimate. Total.
			Brought forward	Rs. 2,11,990	Rs. 2,56,977	Rs. 4,68,967
39			Allowances to Assistant Station Masters	9,537	2,868	12,405
40			Construction of Locomotive Shed at Chandausi	3,044	6,520	9,564
41			Addl. Furniture, Machinery & Plant for the introduction of Electric Light at Howrah	3,000	1,000	4,000
42			Repairs to Goods Shed at Calcutta	3,378	4,118	7,496
43			Watering arrangements at Sealdah	4,102	4,000	8,102
44			Watering arrangements at Station	3,769	22,457	26,226
45			Watering arrangements at Allowances	338	1,628	1,966
46			Extension of Platform & Shed for Loading at Sealdah	1,052	1,662	2,714
47			Extension of Platform & Shed for Loading at Howrah	1,759	2,919	4,678
48			Extension of Platform & Shed for Loading at Howrah	1,404	1,661	3,065
49			Extension of Platform & Erection of Screens at Howrah	1,430	2,289	3,719
50			Extension of Platform & Erection of Screens at Howrah	3,585	3,756	7,341
51			Extension of Platform at Tiredale	463	200	663
52			Extension of Platform at Serampore	890	336	1,226
53			Extension of Platform at Chandernagore	371	980	1,351
54			Extension of Platform at Hooghly	456	1,346	1,802
55			Extension of Platform at Chinsurah	315	821	1,136
56			Extension of Platform at Howrah	2,119	1,388	3,507
57			Extension of Platform at Howrah	1,520	1,443	2,963
58			Extension of Platform at Howrah			

Madras

Schedule E.

Budget Estimate of Expenditure for purchase of Stores for the Madras Railway during 1890-91 —continued.

Detail.	Actual Purchase during 1888-89.		Probable Purchases during 1889-90.		Estimated Purchases during 1890-91.	
	Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
		Rs.		Rs.		Rs.
In England						
Coal Coke and patent fuel — Ton	8979	157155	8118	171000	11750	262000
Cylinders — No.	17	12125	"	"	"	"
Iron and Steel Tires and bars — Tons	114	10751	"	29000	"	10000
Materials for [illegible]	324	32[illegible]	"	34000	"	25000
Iron Crows — "	[illegible]	[illegible]	"	35000	"	90000
Tyres Engine and — "	60	104029	125	237500	150	285000
Iron Plate Goods Wagons for store [illegible] — Tons	457	43442	"	17280	"	16000
Machinery — "	"	16529	50	15000	"	"
Axles Crank — No.	"	"	12	6600	"	"
Axles Carriages — "	400	11253	"	15000	"	15000
Wheels and Axles Engine — "	"	"	3	8320	"	"
Locomotive — "	"	"	"	"	8	194080
Permanent Way Materials — Tons	1246	70792	"	263000	"	220000
Girders and Iron Cylinders — "	2256	259256	"	128000	"	450000
Telegraph Stores — "	"	6852	"	15000	"	29000
Materials for Tarpaulins — "	"	3624	"	6000	"	6000
Sundry Stores — "	"	189873	"	401300	"	164920
Total — "	"	978010	"	1435000	"	1767000
Total Schedule E° — "	"	2367459	"	2840656	"	3143000

MEMORANDUM.

	Rs.
Actual balance of Stores in hand, 1st April 1889	2327466
Estimated purchases during 1889-90 as above	2840656
Total ..	5168122
Estimated issues during 1889-90	2429422
Estimated balances on 1st April 1890	2738700
Estimated purchases during 1890-91	3143000
Total ..	5881700
Estimated issues during 1890-91	3605180
Estimated balance on 1st April 1891	

Schedule D, or Construction Works—Part IV.

Budget Estimate of Emergent Works of the Madras Railway for the official year 1890-91.

Budget Estimate of Expenditure for official year 1890-91.	Cash Outlay in India.	Value of Stores.	Total.

Schedule C, or Construction Works—Part III.

Budget Estimate of Expenditure on Capital Establishment of the Madras Railway during the official year 1890-91.

Detail.	Actuals for 1888-89	Budget Estimate for 1889-90	Revised Estimate for 1889-90	Budget Estimate for 1890-91
	£	£	£	£
[illegible]				1060

Schedule G.

Estimate of Revenue Expenditure on the Madras Railway for the official year 1889-90 —continued.

	Actuals in 1888-89.	Sanctioned Budget Estimate, 1889-90.	Regular Estimate, 1889-90.	Budget Estimate, 1890-91.
TRAFFIC EXPENSES.	Rs.	Rs.	Rs.	Rs.
1. Salaries, Wages, &c.	5,82,938	5,55,000	5,84,000	5,85,000
.. ..	13,584	8,500	10,000	9,000
.. ..	69,363	60,000	64,500	65,000
.. ..	1,891	1,500	1,500	1,000
of goods, &c	6,438	6,000	6,000	6,000
.. ..	"	"	"	"
.. ..	21,386	22,000	22,000	22,000
Total ..	8,07,084	7,65,000	8,00,000	8,00,000
Deduct sum chargeable to Fire Insurance Fund ..	560	"	"	"
Total ..	8,06,524	7,65,000	8,00,000	8,00,000
GENERAL CHARGES.				

	Actuals in 1888-89.	Sanctioned Budget Estimate, 1889-90.	Regular Estimate, 1889-90.	Budget Estimate, 1890-91.
	Rs.	Rs.	Rs	Rs.
MAINTENANCE OF WAY, WORKS, AND STATIONS.				
1. General Superintendence	2,52,676	2,50,000	2,70,000	2,40,000
2. Maintenance and Renewal of Permanent Way	"	"	"	2,80,000
3. Repairs of Bridges, &c., Wages and Materials	1,08,219	2,00,000	1,30,000	1,10,000
4. Repairs of Stations and Buildings do.	"	"	"	"
5. Maintenance by Contract	20,391	20,000	20,000	20,000
6. New Minor Works	1,71,527	1,40,000	1,80,000	1,60,000
7. Unclassified Expenditure				
Total ..	13,81,702	15,00,000	13,90,000	13,80,000
Deduct value of Stores returned to Stock ..	4,648	"	"	"
Total ..	13,83,034	15,00,000	13,90,000	13,80,000
LOCOMOTIVE EXPENSES.				
1. General Superintendence	1,02,047	1,20,000	1,02,000	1,02,000
2. Running Expenses (wages connected with the working of locomotive engines)	3,13,142	3,10,000	3,20,000	3,16,000
	5,50,500	5,35,000	6,40,000	6,00,000

Schedule G.

Estimate of Revenue Expenditure on the Madras Railway for the official year 1890-91.

G.G. No. 659-S1-12.

Madras Railway

Budget Estimate

for the year 1899-1900

REVENUE ACCOUNT.

Abstract of Estimated Revenue Receipts and Expenditure of the Madras Railway for the official year 1890-91.

Particulars.	Actuals for 1888-89.	Budget Estimate for 1889-90.	Revised Estimate for 1889-90.	Budget Estimate for 1890-91.
	Rs.	Rs.	Rs.	Rs.
RECEIPTS AS PER SCHEDULE F.				
Coaching Traffic	36,25,901	38,80,000	36,30,000	36,00,000
Goods do.	46,79,107	49,00,000	47,00,000	47,20,000
Electric Telegraph Earnings	18,048	20,000	20,000	20,000
Sundries	205,748	2,00,000	2,00,000	1,60,000
Total (1) ..	8,538,804	90,00,000	85,50,000	85,00,000
Receipts on account of traffic appertaining to other lines	8,8,9,933	"	"	"
Receipts from Capital Account other than Traffic Earnings ..	"	"	"	"
Receipts from foreign lines other than do. ..	"	"	"	"
Other abnormal receipts in detail, or as per schedule attached ..	"	"	"	"
Total Payments into Treasury on Revenue Account (2) ..	9,22,737			

CAPITAL ACCOUNT.

Abstract of Estimated Cash Expenditure in India on the Madras Railway for the official year 1890-891.

Particulars.	Actuals for 1888-89.	Budget Estimate for 1889-890.	Revised Estimate for 1889-890.	Budget Estimate for 1890-891.
	Rs.	Rs.	Rs.	Rs.
CAPITAL OUTLAY.				
ENGINEERING DEPARTMENT.				
Sanctioned Works as per Schedule A				
Works to be sanctioned do. B				
Emergent Works do. D				
LOCOMOTIVE DEPARTMENT.				
Sanctioned Works as per Schedule A				
Works to be sanctioned do. B				
CARRIAGE AND WAGON DEPARTMENT.				
Sanctioned Works as per Schedule A				
Works to be sanctioned do. B				
GENERAL.				
Establishment chargeable to Capital as per General Estimate of Establishment C				
Stores as per Schedule E				
Miscellaneous				
Total Withdrawals on Capital Account ..				
Receipts to be credited to Capital Account ..				
Share Capital paid in India				

CAPITAL.

Works—Part I.

Railway for the official year 1880-81.

Actual Expenditure up to close of Official Year 1879-80.		Probable Expenditure during 1879-80.			Budget Estimate of Expenditure for Official Year 1880-81.			Estimated Expenditure in future years.	Number of Item.	Remarks.
Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.			
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
			500		500	2767		2767	1	
3,11,583	491.174	7,97,727	1,06,249	49032	1,55,281	2,500		2,500	2	
143.704	463057	606,761	176,242	41536	217778	42,343	120,100	77842	3	
			50,000	100,000	150,000	4,37,000	6,00,000	1,37,000	4	
								2,12,142		
									5	

Budget Estimate of Sanctioned Works of the Madras

Schedule A, or Construction

Number of Items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash Outlay in India.	Amount of Estimate. Value of Stores.	Amount of Estimate. Total Expenditure.
				Rs.	Rs.	Rs.
						Engineering
1	G.O. No 663	12 August 1880	Repairing the Embankment of the Pulicat Lake	3267	"	3267
2	G.O. No 3159	17 March 1884	Construction of Bridges &c. on the Cuddapah & Kurnool Railway	408,858		
	G.O. No 7732	27 Sept 1884				
	G.O. No 8289	9 Sept 1884	Reconstruction of the Penner Bridge	4,20,282	537,706	957988
	G.E. No 4467	3 August 1880				
	G.E. No 778	15 March 1881				
	G.O. No 1040	12 Dec 1881				
	G.E. No 1014	12 Dec 1881				
	G.O. No 531	13 May 1882				
	G.O. No 5024	4 May 1882				
3	G.O. No 9116	6 Dec 1886	New Bridge over the Cauvery at Erode	766958	11,64,27	
	G.E. No 709	1 "				
4	G.O. No 7739	18 Oct 1886	New Bridge over the Palaghaut River	2,11,872	732874	832746
	G.O. No 9338	13 Dec "		4,21,240	5,65,852	9,87,092
	G.E. No 790	15 Dec "				

Railway for the official year 1890-91 —continued.

Actual Expenditure up to close of Official Year 1888-89.			Probable Expenditure during 1889-90.			Budget Estimate of Expenditure for Official Year 1890-91.			Estimated Expenditure in future years.	Number of Items.	Remarks.
Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.			
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
2188	193	2381	84	17	101	595	100	695			
1369	2425	3794	1096	1100	2196	1100	1100	2200			
1540	178	2018	531	1483	2014	1341	1483	2824			
0911						596		596			
						1000		1000			
						1000		1000			
						1000		1000

Railway for the official year 1890-91 —continued.

Actual Expenditure up to close of Official Year 1888-89.			Probable Expenditure during 1889-90.			Budget Estimate of Expenditure for Official Year 1890-91.					Remarks.
Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.	Estimated Expenditure in future years.	Number of Items.	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
"	"	"	"	"	"	"	"	"	"	23	
"	"	"	"	"	"	"	"	"	"	24	
"	"	"	"	"	"	"	"	"	"	25	
"	"	"	"	"	"	"	"	"	"	26	
"	"	"	"	"	"	"	"	"	"	27	
"	"	"	"	"	"	"	"	"	"	28	
"	"	"	"	"	"	"	"	"	"	29	
"	"	"	"	"	"	"	"	"	"	30	
"	"	"	"	"	"	"	"	"	"	31	
"	"	"	"	"	"	"	"	"	"	32	
"	"	"	"	"	"	"	"	"	"	33	
"	"	"	"	"	"	"	"	"	"	34	
"	"	"	"	"	"	"	"	"	"	35	
"	"	"	"	"	"	"	"	"	"	36	
"	"	"	"	"	"	"	"	"	"	37	
107	980	1087	241	887	1101	500	2081	2581	2400	1	
"	"	"	"	"	"	500	2081	2581	2400	2	
"	"	"	"	"	"	1010	3248	4258	4800	3	
"	"	"	"	"	"	565	2469	3034	4021	4	
"	"	"	"	"	"	1228	2485	3713	4021	5	
"	"	"	"	"	"	"	2385	3581	4021	6	
"	"	"	"	"	"	"	3235	5719	4021	7	
"	"	"	"	"	"	50	1511	2138	1608	8	
"	"	"	"	"	"	"	1508	1942	1608	9	
"	"	"	"	"	"	"	1200	1678	1608	10	
"	"	"	"	"	"	"	3581	4581	4021	11	
"	"	"	"	"	"	"	1508	1942	1608	12	
"	"	"	"	"	"	"	1200	1678	1608	13	
"	"	"	"	"	"	"	3581	4581	4021	14	
"	"	"	"	"	"	"	1508	1942	1608	15	
"	"	"	"	"	"	"	1200	1678	1608	16	
"	"	"	"	"	"	"	3581	4581	4021	17	
"	"	"	"	"	"	"	1508	1942	1608	18	
"	"	"	"	"	"	"	1200	1678	1608	19	
"	"	"	"	"	"	"	3581	4581	4021	20	
"	"	"	"	"	"	"	1508	1942	1608	21	
"	"	"	"	"	"	"	1200	1678	1608	22	
1144	2256	3400	834	1200	2034	1298	3581	4879	4021	23	
565	3936	4501	1298	3581	4879	1298	3581	4879	4021	24	

Budget Estimate of Sanctioned Works of the Madras

Number of Items.	Sanctions.		Particulars.	Amount of Estimate.		
	Number.	Date.		Cash Outlay in India.	Value of Stores.	Total.
				Rs.	Rs.	Rs.
23	C.E. No. 906	31st October 1889	Guidemore for Rs. 2000 Steel and Building			
	C.E. No. 6432	9th July 1889	Ladder 84 feet at Rs. 2000 Steel Ladder 84 feet at Kattupalaiyam			
24	C.E. No. 657/12	2nd August 1889	Loading Bank and Platform at Kattupalaiyam, sliding at Kattupalaiyam goods godown	348	1867	2215
25	C.E. No. 662/12	"	Extension of goods Platform at Kattupalaiyam			
26	C.E. No. 408/12	15th October 1889	Waiting Shed at Kattupalaiyam			
27	C.E. No. 858/12	"	Lengthening Bank and goods verandah at Kattupalaiyam			
28	C.E. No. 936/12	18th November 1889	Bank to the eastern end of Bridge No. 1			
	C.E. No. 437/12	5th June 1888	Platform at Chennimalai			
29	C.E. No. 1004/12	25th December 1888				
	C.E. No. 223/12	25th January 1889				
	C.E. No. 823/12	26th October 1889				
30	C.E. No. 610/12	24th August 1888	Platform at Pallipalayam			
31	C.E. No. 593/12	25th July 1888	Platform at Thuraiyur			
32	C.E. No. 321/12	25th April 1889	Enlarging and deepening Bank at Jeyamkondam			
33	C.E. No. 858/12	25th October 1889	3 Jow crane at Jeyamkondam			
34	C.E. No. 851/12	24th October 1889	5 Jow crane at Kumbakonam			
35	C.E. No. 1494/12	3rd June 1889	5 Jow cranes at Kumbakonam			
36	C.E. No. 1537	10th June 1889	30 Jow weigh bridge at Kumbakonam			
37	C.E. No. 1494/12	24th October 1889	30 Jow weigh bridge and siding Udaipur Road			

Railway for the official year 1890-91—continued.

Number of Items.	Sanctions.		Particulars.	Actual Expenditure up to close of official Year 1888-89.			Probable Expenditure during 1889-90.			Budget Estimate for Expenditure for official Year 1890-91.			Estimated Expenditure in future years.	Number of Items.	Remarks.
	Number.	Date.		Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.			
				Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
				107	980	1087	241	886	1127	"	"	"	"	52	
				"	"	"	211	2981	3192	60	70	130	"	53	
				"	"	"	1577	3146	4723	"	"	"	"	54	
				"	"	"	1552	2469	4021	"	"	"	"	55	
				"	"	"	1290	1585	2875	"	"	"	"	56	
				"	"	"	1194	2387	3581	"	"	"	"	57	
				"	"	"	1914	3235	5149	"	"	"	"	58	
				30	584	614	642	1511	2153	"	"	"	"	59	
				1144	2256	3400	342	1598	1940	"	"	"	"	60	
				"	"	"	834	1200	2034	200	403	603	"	61	
				"	"	"	1298	3656	4954	"	"	"	"	62	
				565	3936	4501								63	

Budget Estimate of ...ioned Works of the ...dras

Number of Items.	Sanctions.		Particulars.	Amount of Estimate.		
	Number.	Date.		Cash Outlay in India.	Value of Stores.	Total.
				Rs.	Rs.	Rs.
			Stations and Buildings (Continued)			
52	C.E. No 227	11th Feby 1889	Extension of lay bye into a ... siding at Kamasamudram	348	1867	2215
53	Chingleput No 492 / No 639	7th June 1889 / 5th " "	Extension of through siding ... ikod	1314	1860	3174
54	C.E. No 574	12th July 1889	Extension of goods lay bye ... agudla	261	2151	2412
55	C.E. No 515	17th June 1889	Extension of platform and ... h siding at Peddapad	1577	3246	4823
56	C.E. No 493	7th June 1889	Extension of platform and ... h siding at Vaniyambadi	1552	2469	4021
57	C.E. No 516	17th June 1889	Extension of through siding ... nwallam	1290	1585	2875
58	G.O. No 588 R	22nd May 1889	Extension of platform and ... ough siding at Ottapalam	1194	2387	3581
59	G.O. No 684 R	18th June "	Extension of platform and ... siding at Kutti ... puram	1914	3235	5149
60	C.E. No 100	29th Jany "	Cross over road at Ko...	350	2397	2747
61	G.O. No 511 R	19th Feby 1888	Extension of platform ...	1486	3854	5340
62	C.E. No 587 / C.E. No 724 / C.E. No 587	6th August " / 25th Feby 1889 / 13th June 1889	Extension of through dal ... tandapati ... kal & Nagari	1034	1603	2637
				1861	7.6	9408
37	G.O. No 444 R	26th April 1889	30 Ton weigh bridge and siding Kolar Road			

Budget Estimate of ... tioned Works of the ... dras

Number of Items.	Sanctions. No.	Date.	Particulars.	Amount of Estimate. Cash Outlay in India	Value of Stores.	Total.
				Rs.	Rs.	Rs.
			Stations and Buildings (Continued)			
52	C.E.	4th Feby 1889	Extension of lay bye into a ... siding at Kamasamudram	348	1867	2215
	Erdingo					
53	the Engli	7th June 1889 / 5th —o—	Extension of through siding ...	1314	1860	3174
54	C.E. No 574	13th July 1889	Extension of goods lay bye ... ayikod	261	2151	2412
55	C.E. No 515	17th June 1889	Extension of platforms and ... aguntla ... gh siding at Peddapad	1577	3246	4823
56	C.E. No 493	7th June 1889	Extension of platforms and ... gh siding at Vaniyambadi	1552	2469	4021
57	C.E. No 516	17th June 1889	Extension of through siding ... Tirwallam	1290	1585	2875
58	G.O. No 583 R	22nd May 1889	Extension of platforms ... through siding at Attapalam	1194	2387	3581
59	G.O. No 684 R	18th June "	Extension of platforms and ... siding at Kuttalam	1914	3235	5149
60	C.E. No 100	29th Jany "	Cross over road at Ro...	350	2397	2747
61	G.O. No 511 R	19th Feby 1888	Extension of platforms ...	1486	3854	5340
62	C.E. No 587 / C.E. No 716 / C.E. No 507	6th August " / 26th Feby 1889 / 13th June 1887	Extension of through sid... Akal & Nagari	1034	1603	2637
			... of ... Kolar Road	1861	7[illegible]	9403
37	G.O. No 444 R	26th April 1889	30 Ton weigh bridge and siding			

Budget Estimate of [illegible] tioned Works of the [illegible] dras

Number of Items.	Sanctions. No.	Date.	Particulars.	Amount of Estimate. Cash Outlay in India	Value of Stores.	Total.
				Rs.	Rs.	Rs.
			Stations and Buildings (Continued)			
52	C.E.	11th Feby 1889	Extension of lay bye into a [illegible] siding at Kamasamudram	348	1867	2215
53	Vdingo th[illegible]gh.	7th June 1887 5th —"—	Extension of through siding	1314	1860	3174
54	C.E. No 574	13th July 1887	Extension of goods lay bye at Kod[illegible]	261	2151	2412
55	C.E. No 515	17th June 1887	Extension of platforms and [illegible] agumlla Peddapad	1577	3246	4823
56	C.E. No 493	7th June 1887	Extension of platforms and [illegible] gh siding at Vaniyambadi	1552	2469	4021
57	C.E. No 516	17th June 1887	Extension of through siding	1290	1585	2875
58	G.O. No 583 R	22nd May 1889	Extension of platforms and [illegible] Siruvallam Ottapalam	1194	2387	3581
59	G.O. No 684 R	18th June "	Extension of platforms and [illegible] rough siding at	1914	3235	5149
60	C.E. No 100	29th Jany "	Cross over road at Kod[illegible] siding at Kutti[illegible] puram	350	2397	2747
61	G.O. No 511 R	19th Febry 1888	Extension of platforms [illegible]	1486	3854	5340
62	C.E. No 587 C.E. No 716 C.E. No 507	6th August " 25th July 1887 12th June 1887	Extension of through [illegible] Kalattandapati [illegible] Chal & Nagari	1034	1603	2637
37	G.O. No 244 R	26th April 1889	30 Ton weigh bridge and siding Kolar Road	1861	76[illegible]	9488

Amount less credits to Funds ..	.. 345 2102	350000	225000	300000
Total Payments in Treasury on Capital Account ..	2078496	2200000	2225000	2300000
Net Cash Demand ~~of the year~~ in India on Capital Account ..	53720	200000	225000	156261
ENGLAND.				
PURCHASE OF STORES.				
Indents to be sent Home during the year	"	966400	1586380	1084100
Previous Indents to be complied with	"	569044	934500	1193580
Total ..	"	1535444	2520880	2277680
Deduct for Indents estimated to be complied with in the following year	"	611444	1193580	377500
Total Outlay for Stores ..	970010	924000	1327300	1900180
HOME EXPENDITURE AND PAYMENTS.				
Home Expenditure	68699	90000	75000	75000
Furlough and Sick Leave Allowances	22956	35000	30000	30000
Family and sundry payments less receipts	63363	75000	70000	70000
Total Home Expenditure and Payments ..	155018	200000	175000	175000
Total Cash Demand in England ..	1133028	1124000	1502300	2075180

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EXPENDITURE AS PER SCHEDULE G.				
Maintenance of Way, Works, and Stations	1323054	1500000	1990000	1410000
Locomotive Expenses	1617644	1640000	1756250	2035250
Carriage and Wagon Expenses	699895	670000	654250	660000
Traffic Expenses	806594	765000	800000	800000
General Charges	501940	480000	527600	545250
Special and Miscellaneous Expenditure	48406	45000	69400	49000
Total (3) ..	4968763	5100000	5800000	5500000
Payments to other lines for their proportion of through traffic, &c. ..	505586	625000	650000	650000
Payments to Capital Account other than for Stores, &c., included in the working expenses in Schedule G.	"	"	"	"
Other authorised Payments to Revenue to be satisfied attached ..	"	"	"	"
Total Withdrawals from Treasury on Revenue Account (4) ..	5492349	5725000	5850000	6150000
Net Earnings (1)—(3) ..	3552041	3400000	3950000	3500000
Net Receipts (2)—(4) ..	3630388	3400000	3950000	3500000
Surplus Profits ..	"	"	"	"

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38	C.E. № 406	8th	may	1884	Traigh bridge and altavations of cross over road at Kolar road				348	2,831	3,179
39	G.O. № 782 R	25th	Sept	1888	staff Quarters at Gooty				4,357	1,728	6,085
40	G.O. № 268 R C.E. № 770 C.E. № 273	31st 11th 26th	march nov march	1886 1887 1884	Bungalow for 3 Eurasian clerks at Raichur				4,277	1,433	5,710
41	G.O. № 267 R C.E. № 770 C.E. № 264	31st 11th 23rd	march nov march	1886 1887 1884	Native clerks House at Raichur				4,109	1,759	5,868
42	G.O. № 88 R C.E. № 216 C.E. № 434	4th 11th 18th	July march may	1888 1884 1884	Goods clerks office at Port Colans station				12,459	9,060	21,519
43	C.E. № 693 C.E. № 1479 C.E. № 1567 C.E. № 286	3rd 23rd 19th 19th	June July July march	1886 1888 1888 1884	Refreshment Room for natives at Raichur				2,684	815	3,499
44	G.O. № 904 R	30th	Nov	1887	Double Engine Drivers Bungalow at Cuddapah				8,274	2,730	11,004
45	G.O. № 754 R	18th	Sept	1888	2 Guards Bungalows at Gooty				8,354	1,822	10,176
46	G.O. № 328 R	25th	march	1887	Jaffna Room at Pavambaru				3,496	3,504	7,000
47	C.E. № 498	6th	June	1884	station masters Bungalow at Kolar Road				2,188	939	3,127
48	C.E. № 85	17th	Oct	1887	Pointsmens and Scavengers Huts at Pullapurum				2,762	736	3,498
49	C.E. № 514	17th	June	1884	Native signallers Bungalow at Guntakal Jun				2,736	701	3,437
50	C.E. № 486	27th	July	1888	Extension of through siding at Vontimatta				560	1,536	2,096
51	C.E. № 767	24th	Sept	1888	Extension of through siding at Aspari				767	1,382	2,149

	C.E. No 802	24th Jan						
64	C.E. No 26	11th Feby "	Conversion of lay bye near Engine shed into siding at Arkonam	292	1912	2204		
65	C.E. No 381 G.O. No 146 R	4th Octr 1887 22nd "	Additional siding and cross over road at Arkonam	2789 753 573	4903 3724 3006	7692 4477 3579		
66	G.O. No 512 R C.E. No 494 C.E. No 161	19th June 1888 2nd July " 21st Feby 1889	Additional siding at Jalarpet.	2734	3791	6525		
67	C.E. No 386 G.O. No 642 R	19th May " 6th June "	Additional siding at Kamasamudrum	1268	6974	8242		
68	G.O. No 1082 R	8th Octr 1887	Alterations and additions to Loco: siding at Jalarpet	2738	7047	9785		
69	G.O. No 560 R	17th May 1889	Alteration of main line and additional siding at Kolar Road	2717 3261	13962 16040	16674 19309		
70	G.O. No 984 R	10th Sept 1889	Alteration of sidings at Cuddapah.	232	4991	5223		
71	C.E. No 606	20th July "	Proposed crane lines &c General stores yard Rayapuram	1551	6251	7802		
72	G.O. No 800 R	25th July 1889	Through siding at Tyakal	1352	2087	3439		
73	C.E. No 766 C.E. No 1021	24th Sept 1888 18th Decr "	Catch siding at Kuppam	794	4918	5712		
74	C.E. No 630	26th July 1889	Material siding at 82 1/2 mile South west Line	10866	-	10866		
75	"	"	New Union works amount expended in excess of Revenue sanction					
			Ballast and Permanent way.					
76	G.O. No 17 R	4th Feby 1888	Laying new Permanent way over girder bridges South west Line	8115	216284	224399		

1948	1948	2401	2534	1902	2489	4403	6892	300
"	"	"	"	"	"	"	"	"
753	3724	4477	"	1102	1102			
"	"	"	2734	3791	6525	"	"	"
"	"	"	1000	5000	6000	268	1974	2242
"	"	"	2738	7047	9785	"	"	"
"	"	"	1700	10948	12648	1581	5100	6681
"	"	"	232	4991	5223	"	"	"
"	"	"	1251	5251	6502	300	1000	1300
"	"	"	1357	2087	3439	"	"	"
"	"	"	1	1	1			
"	"	"	1	1	1			
"	"	"	1	1	1		

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16		Paint sheds and Scavengers huts @ Kadpatie				2937	68	3005	
		Scavengers huts at Renigunta				2639	612	3251	
17		Scavengers huts at Cuddapah				1834	408	2242	
18		Double Engine Driver's Bungalow at Renigunta				3337	1380	4717	
19		Running Drivers Bungalow at Renigunta				7168	1426	8594	
20		One Block of 2 Bungalows for European & Eurasian Fire-				2022	398	2420	
21		men at Kalpadi				4846	2174	7020	
		Bungalows for 2 Carriage Examiners @ Cuddapah				3829	1807	5636	
22		Bungalow for European & Eurasian Firemen @ Cuddapah				3147	1023	4170	
23		Drivers Bungalow at Calicut				3145	1521	4666	
24		One Block of 4 Bungalows for European & Eurasian Firemen @ Podanur				6456	2022	8478	
25		2 Houses for Khalasi Clerks & 8 houses for Fitters &c @ Bangalore				1249	560	1809	
26		Chattrums for Native Drivers at Podanur				2338	1182	3520	
27		Bungalow for Permanent Way Inspectors @ Podanur				4627	872	5499	
28		Telegraph Inspectors Bungalow at Calicut				2359	817	3176	
29		Prosecuting Inspectors Bungalow at Goots				22677	14570	37247	
30		Trial stations to be provided at 2 stations				10188	30285	40473	
31		4 Crossing stations				9503	5607	15110	
32		Station house &c at Penner N. W. Line				8387	7617	16004	
33		Alterations & additions to station house &c @ Bangalore Can- tonment				8309	7238	15547	
34		Extension & Enlargement of station house @ Bangalore City				1734	758	2492	
35		Booking office, out & store room, waiting shed, Road goods room							
36.		at Vizianagalam				10587	6504	17091	
		Alterations & additions to station house at Kolar road				1724	758	2482	
37		Booking office, store room, waiting shed, road goods room @ Kattan- karai				2367	2678	5045	
38		Booking office, waiting shed, out & store room, Road goods room							
39		& Lat-trine at Singanallur							

Detail.	Actual Purchase during 1888-89.		Probable Purchases during 1889-90.		Estimated Purchases during 1890-91.	
	Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
		Rs.		Rs.		Rs.
Iron and Steel	Tons	99,150	Tons	5,12,500	Tons	5,00,000
Fuel	Gallons	1,00,94,956	Gallons	11,81,625	7,06,200	1,25,500
Oil	Gallons	11,019	Gallons	7,295	85,500	7,55,500
Cotton waste	Tons	2,205	Tons	2,48,109	2,444	2,61,000
Timber of all kinds	Rs.	2,01,143	Rs.	4,972	4,400	1,000
Timber, country	Nos.	6,868	Nos.	54,302	18,000	16,000
Timber, pyingado	Nos.	151,665	Nos.	5,799	10,500	12,000
Bricks		26,172		24,000		20,000
Material for Permanent Way		112,272		110,000	120,000	1,10,000
Permanent Way Chairs		81,604		120,000	5,000	1,20,000
Tyres, Axles and Loading gauges		22,312		2,62,656		1,98,400
Rail Pieces cast in Permanent Way		1389449			14,35,656	14,12,800
Sundry Stores						

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Schedule E.

Budget Estimate of Expenditure for purchase of Stores for the Railway *during 1890-91.*

	Cash Outlay in India.	Value of Stores.	Total.	Cash Outlay in India.	Value of Stores.	Total.
	Rs.	Rs.	Rs.	£	£	£
Engineer's Department	20,000	50,000	70,000	2,000	5,000	7,000
Locomotive do.						

Total .. 57,73,980

Estimated issues during 1890-91 .. 36,05,180

Estimated balance on 1st April 1891 .. 23,68,800

ENGLISH TRANSACTIONS.

	Budget Estimate, 1890-91. Rs.
Indents to be sent Home during year	10,84,100
Add for indents of previous year expected to be complied within official year	11,93,580
Add English Establishment charges	1,75,000
Total ..	24,52,680
Deduct amount of orders not expected to be complied with until next year	3,77,500
Net Capital Cash transactions in England	20,75,180

Schedule F.

Estimate of Traffic Receipts of the Madras *Railway, 1890-91.*

Number of miles open for traffic on 1st April 1890	840
Expected to be opened during 1890-91	—
Total on 1st April 1890 ..	840
Expected to be opened during 1890-91	—
Total likely to be opened on 31st March 1891 ..	840
Average number of miles expected to be opened during the whole of 1890-91 ..	840

	Actuals in 1889-90.	Sanctioned Budget Estimate, 1889-90.	~~Regular~~ Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	Rs.	Rs.	Rs.	Rs.
Coaching Traffic	36,25,901	36,00,000	38,30,000	38,80,000
Goods do.	46,79,107	47,20,000	51,00,000	49,00,000
Electric Telegraph	8,048	20,000	20,000	20,000
Sundries	205748	160,000	200,000	200,000
Total	85,38,804	85,00,000	91,50,000	90,00,000
Train Mileage .. Total ..	2,365,885	2,371,000	2,369,000	2,370,000

2. Running Expenses (wages connected with the working of locomotive engines)	5,59,500	5,55,000	6,40,000	6,50,000
3. Fuel	20,834	24,000	22,000	24,000
4. Water (including Wages and Stores)	32,970	36,000	34,000	36,000
5. Oil, Tallow and other Stores (expended on engines in work) ..	4,65,120	4,50,000	4,98,000	7,03,000
6. Maintenance and renewals of locomotive engines and Machinery ..	1,491	2,500	2,500	2,500
7. New Minor Works	"	"	"	"
8. Payments to other lines	1,20,540	1,42,500	1,40,000	1,80,000
9. Unclassified Expenditure				
Total ..	16,17,644	16,40,000	17,58,500	20,35,500
CARRIAGE AND WAGON EXPENSES.				
1. General Superintendence	43,462	40,000	46,000	50,000
2. Repairs and renewals of vehicles and Machinery	4,85,852	5,00,000	5,00,000	5,00,000
3. Cleaning Carriages and Wagons and oiling	52,987	60,000	56,000	55,500
4. New Minor Works	503	2,500	2,500	2,500
5. *Unclassified Expenditure*	51,036	67,500	50,000	52,000
Total ..	6,33,840	6,70,000	6,54,500	6,60,000
Deduct sum chargeable to Fire Insurance Fund ..	3,945	"	"	"
Deduct				
Total ..	6,29,895	6,70,000	6,54,500	6,60,000

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2. Salaries of Indian Management including Offices	2,37,427	2,45,700	2,55,100	2,60,000
3. Police	43,867	40,000	45,000	46,000
4. Advertising (all advertisements of all Departments)	4,583	3,000	5,000	6,000
5. Electric Telegraph	10,4,574	1,10,000	1,17,600	1,36,500
6. Clearing Accounts with other lines	"	"	"	"
7. Unclassified Expenditure	33,569	12,000	35,000	37,000
	5,06,694	4,90,000	5,35,600	5,35,500
Total ..	5,01,240	4,80,000	5,27,600	5,46,500
SPECIAL AND MISCELLANEOUS EXPENDITURE.				
1. Law Charges	7,728	6,000	10,000	5,000
2. Compensation	16,806	6,000	20,000	10,000
3. Rates and Taxes (including Municipal Water Rates)	13,005	15,000	15,000	15,000
4. Payments to other lines	3,392	6,000	5,000	10,000
5. Contribution to	"	"	"	"
6. Bridge, Tank Construction Renewals	"	"	"	"
7. Prizes for Station Gardens, &c.	436	2,000	2,000	2,000
8. Miscellaneous Expenditure	14,917	10,000	17,400	15,000
Total ..	56,284	45,000	69,400	49,000
Deduct sum chargeable to Fire Insurance Fund ..	7,957	"	"	"
Total ..	48,406	45,000	69,400	49,000

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Schedule G.

Estimate of Revenue Expenditure on the Madras Railway for the Official year 1890-91.

	Actuals in 1888-89.	Sanctioned Budget Estimate, 1889-90.	Revised ~~Regular~~ Estimate, 1889-90.	Budget Estimate, 1890-91.
	Rs.	Rs.	Rs	Rs.
MAINTENANCE OF WAY, WORKS, AND BUILDINGS.				
1. General Superintendence	2,52,676	3,50,000	3,70,000	3,70,000
2. Maintenance and Renewal of Permanent Way	5,58,565	5,45,000	5,60,000	5,70,000
3. Repairs of Bridges, &c., Wages and Materials	2,70,144	3,45,000	2,30,000	2,80,000
4. Repairs of Stations and Buildings do.	1,08,219	2,00,000	1,30,000	1,10,000
5. Maintenance by Contract	"	"	"	"
6. New Minor Works	20,571	20,000	20,000	20,000
7. Unclassified Expenditure	1,77,527	1,40,000	1,80,000	1,90,000
Total ..	13,87,702	15,00,000	13,90,000	14,10,000
Deduct value of Stores returned to Stock ..	4,648	"	"	"
Total ..	13,83,054	15,00,000	13,90,000	14,10,000
LOCOMOTIVE EXPENSES.				
1. Home Expenditure	1,02,047	1,20,000	1,02,000	1,10,000
GENERAL CHARGES.				
1. Home Expenditure	68,699	70,000	68,000	68,000
Total ..	8,06,524	7,65,200	8,00,000	8,00,000
Deduct sum chargeable to Fire Insurance Fund ..	580	"	"	"
Total ..	8,07,094	7,65,200	8,00,000	8,00,000
TRAFFIC EXPENSES.				
1. Salaries, Wages, &c.	6,62,75	5,66,000	5,84,000	5,85,000
2. Fuel, Lighting, Water and General Stores	1,13,414	1,12,000	1,12,000	1,12,000
3. Clothing	13,584	8,500	10,000	9,000
4. Printing, Stationery and Tickets	67,363	60,000	64,500	65,000
5. Charges for delivery and collection of goods, &c.	1891	1,500	1,500	1,000
6. Miscellaneous Expenses	6,438	6,000	6,000	6,000
7. Payments to other lines	"	"	"	"
8. Unclassified Expenditure	21,386	22,000	22,000	22,000
Total ..	8,07,094	7,65,200	8,00,000	8,00,000
Deduct sum chargeable to Fire Insurance Fund ..	580	"	"	"
Total ..	8,06,524	7,65,200	8,00,000	8,00,000
GENERAL CHARGES.				
1. Home Expenditure	68,699	70,000	68,000	68,000

Schedule G.

Estimate of Revenue Expenditure on the Madras Railway for the official year 1890-91—continued.

	Actuals in 1888-89.	Sanctioned Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	Rs.	Rs.	Rs.	Rs.
TRAFFIC EXPENSES.				
1. Salaries, Wages, &c.	6,62,75	5,66,000	5,84,000	5,85,000
2. Fuel, Lighting, Water and General Stores	1,13,414	1,12,000	1,12,000	1,12,000
3. Clothing	13,584	8,500	10,000	9,000
4. Printing, Stationery and Tickets	67,363	60,000	64,500	65,000
5. Charges for delivery and collection of goods, &c.	1891	1,500	1,500	1,000
6. Miscellaneous Expenses	6,438	6,000	6,000	6,000
7. Payments to other lines	"	"	"	"
8. Unclassified Expenditure	21,386	22,000	22,000	22,000
Total ..	8,07,094	7,65,200	8,00,000	8,00,000
Deduct sum chargeable to Fire Insurance Fund ..	580	"	"	"
Total ..	8,06,524	7,65,200	8,00,000	8,00,000
GENERAL CHARGES.				
1. Home Expenditure	68,699	70,000	68,000	68,000

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Schedule C, or Construction Works—Part III.

Budget Estimate of Expenditure on Capital Establishment of the Madras *Railway during the official year* 1890-91.

Detail	Actuals for 1889-89	Budget estimate for 1889-90	Revised estimate for 1889-90	Budget Estimate for 1890-91
	Rs	Rs	Rs	Rs
Estimate of Establishment	14,408	26000	1050	

Schedule D, or Construction Works—Part IV.

Budget Estimate of Emergent Works of the Madras *Railway for the official year* 1890-91.

Detail.	Actual Purchase during 1888-89.		Probable Purchases during 1889-90.		Estimated Purchases during 1890-91.	
	Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
	Rs.		Rs.		Rs.	
Coir Cordage.	6972	16726	8,118	17,000	11,000	2,62,000
Hemp and tallow	14	14,126	"	29,000	"	10,000
Iron and steel, viz. Bars	324	10,157	"	31,000	"	25,000
Bolts and Iron Fastenings of various kinds	"	32,699	"	35,000	"	90,000
Iron-wire and wire ropes	60	36,624	125	2,37,500	150	2,86,000
Pipes, Engines and Cranes	"	10,029	"	17,280	"	16,000
Timber, plain sawn and hewn	457	42,422	30	65,000	"	"
Miscellaneous	"	" 16,529	"	6,600	"	"
Office Furniture	"	"	12	15,000	"	15,000
Office, carriage	400	11,256	3	8,220	8	19,488
Blacksmiths Engines	"	"	"	2,66,000	"	"
Locomotives	1246	76,792	"	123,000	"	2,20,000
Permanent Way Materials	2256	2,92,256	"	15,000	"	4,50,000
Girders and Iron Cylinders	"	82,624	"	6,000	"	29,000
Steel rails and fastenings	"	18,973	"	2,66,000	"	6,000
Sundry others	"	2,78,010	"	12,320	"	1,98,180
Total	"	23,64,259	"	21,66,956	"	23,12,980

MEMORANDUM.

	Rs.
Actual balance of Stores in hand, 1st April 1889	2127,466
Estimated purchases during 1889-90 as above	9762,956
Total	11890,422
Estimated issues during 1889-90	5090,422
Estimated balances on 1st April 1890	6800,000
Estimated purchases during 1890-91	9961,000

Schedule E.

Budget Estimate of Expenditure for purchase of Stores for the Madras *Railway during* 1890-91 —continued.

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Un

Budget Estimate of Sanctioned Works of the Madras Railway for the official year 1880-81.

Number of Items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash Outlay in India.	Value of Stores.	Total.
				Rs.	Rs.	Rs.
			Stations and Buildings (Cont.)			
			Booking Office, Oil & Store room & Road Sirdar's room @ Aryanur	1730	758	2488
40			Booking Office, Oil & Store room, coaling shed & road Sirdar's room @ Katamanaikanpatty	1722	758	2480
41			Booking office, Oil & Store rooms & road Sirdar's room @ Gudalur	1143	370	1513
42			Junction arrangements at Kalpetta	75000	75000	150000
43			Proposed coaling shed at Gudalur	1076	193	1269
44			Lavatory & Latrine for 1st & 2nd class passengers @ Central Station	2000	2000	5000
45			Fixing lightning Conductors to Buildings at Calicut station	306	755	1061
46			Fixing lightning conductors to Buildings at Renigunta	1200	90	1290
47			Drainage of Bungalow Compound at Station	8672	14608	23280
48			Extension of 7 platforms & 8 through sidings	405	1748	2153
49			Extension of platforms & through siding at Tirutani	560	1813	2373
50			Extension of platforms & through siding at Kunnalapuram	490	1391	1881
51			Extension of platforms & through siding at Kondapuram	226	861	1087
52			Extension of through siding at Tirupatur	416	1643	2059
53			Extension of through siding at Gudiyatam	807	1930	2737
54			Extension of through siding at Sholinghur	489	1633	2122
55			Through siding at Coimbatore	6119	13319	19438
56			Additional siding at Jalarpet	509	396	905
57			Alteration of site of Catch siding at Jalarpet	6694	60740	67434
58			Cost of Extra sidings & land metre gauge & M.G. Broad gauge at Sundakkal & Olavakode	1043	5841	6884
59			Additional sidings & [illegible] @ Olavakode	4713	4307	8520

Railway for the official year 1880-81 —continued.

Actual Expenditure up to close of Official Year 1878-79. Cash Outlay in India.	Actual Expenditure up to close of Official Year 1878-79. Value of Stores.	Actual Expenditure up to close of Official Year 1878-79. Total.	Probable Expenditure during 1879-80. Cash Outlay in India.	Probable Expenditure during 1879-80. Value of Stores.	Probable Expenditure during 1879-80. Total.	Budget Estimate of Expenditure for Official Year 1880-81. Cash Outlay in India.	Budget Estimate of Expenditure for Official Year 1880-81. Value of Stores.	Budget Estimate of Expenditure for Official Year 1880-81. Total.	Estimated Expenditure in future years.	Number of Items.	Remarks.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
						1730	758	2488		40	
						1722	758	2480		41	
						1143	370	1513		42	
						75000	75000	150000		43	
						1076	193	1269		44	
						2000	3000	5000		45	
						306	755	1061		46	
						1200	90	1290		47	
						8672	14608	23280		48	
						405	1748	2153		49	
						560	1813	2373		50	
						490	1391	1881		51	
						226	861	1087		52	
						416	1643	2059		53	
						807	1930	2737		54	
						489	1633	2122		55	
						6119	13319	19438		56	
						509	396	905		57	
						6694	60740	67434		58	
						1043	5841	6884		59	
						4713	4307	8520		60	

Schedule B, or Construction

Budget Estimate of Sanctioned Works of the Madras Ry

Number of Items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash Outlay in India.	Value of Stores.	Total.
				Rs.	Rs.	Rs.
			Engineering			
			Earthwork.			
1			Fetching the embankment of Sank @ 22 miles S.M.L.	1143	"	1143
2			Fetching the embankment of Sank @ 36/4 to 42 miles S.M.L.	1759	"	1759
3			Raising the levee @ 60th mile S. M. Line	9260	808	10068
			Bridgework			
4			Shorthab bridge removing existing girders & fixing new girders along side	4663	7086	11749
			Stations and Buildings			
5			Sallipadown to be converted into Running guards Bungalow at Bangalore Contonment	19335	9852	29187
6			Bungalows for 2 families each to be provided at 2 stations Traffic Department	10164	2966	13130
7			Houses for station masters	9833	2337	12170
8			Houses for Subordinate staff Traffic Department	2507	879	3386
9			4 Houses for station clerks Traffic Dept Gantakal Jn.	911	267	1178
10			Station Master's house at Reddipalli	911	267	1178
11			Station Master's house at Ramapad	1224	499	1723
12			Station Master's & asstt. station masters houses at the Doudhy choultry	1230	499	1729
13			Station Master's & asstt. station masters houses at Cuttakuli	2100	400	2500
14			10 Huts for Scavengers at Calicut	1287	353	1640
			Quarters and Scavengers huts @ Kadamhatur			

Actual Expenditure up to close of Official Year 1888-89. Cash Outlay in India.	Value of Stores.	Total.	Probable Expenditure during 1889-90. Cash Outlay in India.	Value of Stores.	Total.	Budget Estimate of Expenditure for Official Year 1890-91. Cash Outlay in India.	Value of Stores.	Total.	Estimated Expenditure in future years.	Number of Items.	Remarks.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
Engineering											
"	"	"	"	"	"	1143	"	1143		1	
"	"	"	"	"	"	1759	"	1759		2	
"	"	"	"	"	"	9260	808	10068		3	
"	"	"	"	"	"	4663	7086	11749		4	
"	"	"	"	"	"	1387	887	2274		5	
"	"	"	"	"	"	19335	9852	29187		6	
"	"	"	"	"	"	10164	2966	13130		7	
"	"	"	"	"	"	9833	2337	12170		8	
"	"	"	"	"	"	2507	879	3386		9	
"	"	"	"	"	"	911	267	1178		10	
"	"	"	"	"	"	911	267	1178		11	
"	"	"	"	"	"	1224	499	1723		12	
"	"	"	"	"	"	1230	499	1729		13	
"	"	"	"	"	"	2100	400	2500		14	
"	"	"	"	"	"	1287	353	1640		15	

Railway for the official year 1890-91.

Works—Part II.

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Budget Estimate of Sanctioned Works of the Madras

Number of Items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash Outlay in India.	Value of Stores.	Total.
				Rs.	Rs.	Rs.
77	G.O. No 331 G.O. No 184	31st March 1886 3rd Feby 1887	Ballast and Permanent Way (contd) Laying new Permanent Way on girder Bridges N. of L.	9,659	305,302	314,961
			Electric Telegraph.			
78	G.O. No 796A	25th July 1889	Revised estimate for the extension of Block System and the introduction of Starting Semaphore Signals on the West & North West lines including additional stations	64,943	101,818	166,761
79	G.O. No 490	26th July 1887	Electric starting Semaphore Signals interlocked with Block Instruments required at stations on the Calicut extension	768	1,008	1,776
80	—do—	—do—	Instruments & Stores &c required for opening Telegraph offices at stations on the Calicut extension	1,092	903	1,995
81	G.O. No 830	28th Nov 1887	Supplementary estimate of the cost of posts, wires &c for Electric starting, Semaphore Signals and Bell circuits on the Calicut extension	319	983	1,302
82	G.O. No 881	21st Dec 1887	Posts, Wires, Instruments &c required for the erection of Electric Telegraph on the Palghat extension	635	1,429	2,064
83	G.O. No 881	21st Dec 1887	Electric starting Semaphore Signals interlocked with Block Instruments required for stations on the Palghat extension	332	341	673
84	G.O. No 881	21st Dec 1887	Signals on the Southern & Western Coast line	1,164	2,000	3,164

Railway for the official year 1890-91 —continued.

Number of Items.	Actual Expenditure up to close of official Year 1888-89. Cash Outlay in India.	Value of Stores.	Total.	Probable Expenditure during 1889-90. Cash Outlay in India.	Value of Stores.	Total.	Budget Estimate of Expenditure for official Year 1890-91. Cash Outlay in India.	Value of Stores.	Total.	Estimated Expenditure in future years.	Number of Items.	Remarks.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
77	611	174,648	175,259	25,500	26,000	27,500	3,000	30,000	33,000	80,205	77	
78	46,023	84,784	130,807	2,000	1,600	2,000	16,920	14,634	32,454	"	78	
	167	216	383	601	792	1,393	"	"	"	"	79	
	867	497	1,364	225	406	631	"	"	"	"	80	
	66	534	600	253	449	702	"	"	"	"	81	
	316	1,091	1,407	319	388	667	"	"	"	"	82	
	37	37	74	295	304	599	"	"	"	"	83	
	"	"	"	700	1100	1800	3422	2488	5910	"	84	