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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 165-65	Press
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Dated 19. 1	1872.

Not to be folded or roughly handled

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325. Read the following letter from the Acting Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, dated Madras, 5th January 1872, No. 3 :—

I HAVE the honour to submit the Budget Estimate for 1872-73 of State expenditure ; of expenditure from Guaranteed Capital on the Madras, the Great Southern of India, and the Carnatic Railways, and of probable revenue receipts and expenditure.

2. *Controlling Establishment.*—The estimate for the establishment for the year 1871-72, as sanctioned by the Government of India, amounted to Rupees 73,700, and for the next official year there is an additional demand of Rupees 6,700.

The full salary of the Consulting Engineer has to be provided for next year ; thus adding Rupees 7,560 to the estimate for 1871-72. Rupees 150 have been added to the item of Official postage, as directed in G. O., No. 157 of the 20th January 1871, and, on the other hand, the item of Rupees 1,020 for Office rent struck out, owing to the removal of the office from a hired house to the Government buildings at Chempauk.

3. *Compensation for land.*—The estimated amount for compensation to be paid for land is for the :—

	RS.
Madras Railway	21,460
Great Southern of India Railway	1,88,320
Carnatic Railway	50,000
Total...	2,59,780

On the Madras Railway the expenditure will be chiefly on the Neilgherry ranch. For the Great Southern of India and Carnatic Railways, compensation will have to be paid for lands to be taken up for the new lines, and only approximate amounts are set down. The estimate is high, but land may be expected to be taken over 200 miles in length on the extension of the Great Southern line, and 100 miles between Madras and Cuddalore.

MADRAS RAILWAY.

4. The total estimated outlay for 1872-73 from Guaranteed Capital is estimated by the Agent thus :—

	RS.
Gross advances	35,90,252
Refunds	15,00,000
Net advances...	20,90,252

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The regular estimate for the year 1871-72 shows a probable excess of Rupees 3,07,469, under:—

	Sanctioned.	Probable Expenditure.	Excess.
	RS.	RS.	RS.
Stores	4,12,000	6,56,500	2,44,500
Establishment	3,22,000	3,37,552	15,552
Works	16,20,439	16,67,856	47,417
Total	23,54,439	26,61,908	3,07,469

The demand for nearly 36 lacs for gross disbursements is, in my opinion, excessive. Form A, Engineering Department, shows expected outlay of 16½ lacs on sanctioned works; one entry is 8 lacs for the "portion of the North-West line open less than two years;" details should, I think, have been given of the line estimates rather than lumping all in one, and I would deduct 3 lacs from this several. In the Neilgherry branch there is set down Rupees 6,80,000, and I would reduce this by 1½ lacs to Rupees 5,30,000. Form B, Engineering Department, shows an expected expenditure is Rupees 7,90,304, and this appears so large a sum for unsanctioned works that I would deduct 2 lacs. The last item but one, Electric Telegraph, Neilgherry branch, should be struck out altogether. If the proposal of the Government of India is acted upon that the lines of telegraph are to be in the hands of the Government. For stores there is provided in Schedule E, Rupees 6,95,202, which is considerably more than the actual expenditure of 1870-71, or the expected expenditure of the current year. The demand made by the Agent for expenditure on stores has hitherto been much higher than the amount ultimately admitted in the Budget, but the actual expenditure has exceeded considerably the Budget grants; I would, therefore, recommend that 1½ lac only be deducted from this item.

The reductions thus recommended amount, to 7½ lacs, and will leave the comparatively large sum of Rupees 28,40,252 as the amount of advances.

GREAT SOUTHERN OF INDIA RAILWAY.

5. The estimated expenditure on Capital Account of the Great Southern of India Railway for 1872-73 is	RS.
Less refunds	22,32,476
	5,000
Net...	22,27,476

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The present year's operations form no guide to judge of the cash outlay required in next year, as the Southern Extension is not yet fairly commenced; but the plans and detailed estimates having been submitted to the Government of India, it may be expected that construction will be in progress throughout the year. I am doubtful though of the establishment being required to its full strength from the beginning of the official year, also to the Engineering staff being completed from England by that time; I think, therefore, 1 lac may be taken from the estimated amount Rupees 4,59,396. I would take another lac from stores, and owing to the uncertainty as to the establishment as well as to the consideration that it will take some little time to get the works into full swing, I would allow not more than 10 lacs for Schedule B, on the Southern Extension, instead of 12½ lacs.

Reduction, 1 lac.

Reduction, 1 lac.

Reduction, Rupees 2,72,250.

Thus by deducting 4½ lacs, or leaving in round numbers 17½ lacs for gross advances, I think there will be a closer approximation to the real requirements, than in allowing so large a sum as 22½ lacs. Rupees 195 entered by the Agent for minor works in Schedule C should be struck out of the estimate as now chargeable to Revenue, the line having been open for traffic more than two years.

Schedule B of the Locomotive Department provides exclusively for the Southern Extension. In Schedule D extra provision is made for an increase to the establishment on account of the Southern Extension, both for the Engineering Staff to be employed in the field, and also for the head-quarter staff under direction.

CAENATIC RAILWAY.

6. The Agent's estimated cash demand for next year is Rupees 20,47,800. In the regular estimate for 1871-72 in Schedule A the Agent has included a sum of Rupees 52,000 in excess of the amount sanctioned up to December 1871 for preliminary expenses, but this sum should be reduced to Rupees 40,000. In my letter of the 2nd December 1871, No. 521, I recommended that sanction should be given for a further grant of Rupees 40,000 for the current year's expenditure on the survey operations. The Agent provides for the present establishment employed on the survey for half of the year in Schedule A, and also for a full establishment for construction in addition to the above in Schedule D.

It is difficult to say when the estimates may be sanctioned and the construction establishment sanctioned; but I consider ample provision will be made by estimating it for half of the year and allowing the present establishment only for the first half of the official year.

The Agent makes considerable additions to the Locomotive, Traffic, and Stores Departments, but such additions cannot be required for half of the year; and I recommend a proportional reduction of establishment charges to the amount of rather more than 1½ lacs, thereby reducing the general charges in Schedule D

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from Rupees 3,23,030 to Rupees 1,72,000. For stores, Schedule E, I think 50,000 Rupees will suffice instead of 1 lac.

In Schedule B the large sum of Rupees 15,64,000 is asked for; but considering the progress of the survey, and the prospects of sanction to the commencement of construction, I would recommend that only Rupees 4,73,000 be passed as detailed in the column of remarks in Schedule B. No expenditure is, in my opinion, likely to be incurred on ballasting or permanent-way, and other items may safely be reduced.

7. The per-centage of working expenses on the gross receipts for the last five half-years has been as follows:—

	Madras Railway.	Great Southern of India Railway.	Carnatic Railway.
First half of 1869	...	...	...
Second „ of	42.90	62.24	68.43
First „ of 1870	44.73	64.50	99.57
Second „ of	52.81	61.15	68.82
First „ of 1871	54.88	59.04	168.74
	54.11	53.80	67.75

The per-centage of the gross traffic earnings expected to be absorbed by the working expenses during 1872-73 is estimated by the Railway Agents as follows:—

Madras Railway	71.17
Great Southern of India Railway	66.30
Carnatic Railway	69.39
and the per-centage in the regular estimate for 1871-72 is for:—	
Madras Railway	55.85
Great Southern of India Railway	62.32
Carnatic Railway	70.87

For the Madras Railway too unfavourable a view is, in my opinion, taken of the revenue prospects. I would suggest that the gross earnings be estimated at 60 lacs and the working expenses at 35 lacs. A considerable length of line will become chargeable to Revenue before the end of the year, but none before the month of December, so that the great increase anticipated to the working expenses, namely, from 32½ lacs budget estimate, and 34 lacs regular estimate of the current year, appears to be unnecessary.

The working expenses on the Great Southern of India Railway are much increased for next year on account of the share of the general charges that will be debited to Revenue when the extension works are put in hand, and not on account of actual working expenses on the open line.

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8. The amounts recommended for the sanction of the Government of India are:—

<i>State Expenditure.</i>	<i>Rs.</i>
Controlling Establishment (in round numbers) ...	80,400
For purchase of land	2,59,780
Total...	3,40,180

Expenditure from Guaranteed Capital in India.

Madras Railway	28,40,252
Great Southern of India Railway	17,50,000
Carnatic Railway	7,55,772
	53,46,024
Deduct credits to Capital	15,05,000
Balance...	38,41,024

The traffic earnings are expected to be from the—

Madras Railway	60,00,000
Great Southern of India Railway	8,66,800
Carnatic Railway	41,000
	69,07,800
Deduct working expenses on all the Railways ...	41,03,151
Net Revenue...	28,04,649

Detail of Estimate of State Expenditure on account of Railways for the year 1872-73.

ABSTRACT.
I.—Establishment (in round numbers) Rs. 86,400
II.—Purchase of land (do.) ... 2,59,700
Total... 3,40,100

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NUMBER.	1871-72.	1872-73.	Particulars.	SALARY OF OFFICE.			ESTIMATE, 1872-73.			ESTIMATE, 1871-72.	
				Minimum.	Annual Increment.	Maximum.	Per mensem.		Total.	Charges per annum.	
							RS.	A. P.		RS.	A. P.
1	1	1	Consulting Engineer for Railways.	1,860 0 0	...	...	...	...	...	...	...
1	1	1	Military pay proper	140 0 0	...	...	...	...	...	...	...
1	1	1	Deputy Cons. Engr. for Railways	900 0 0	...	...	...	...	...	...	...
1	1	1	Military pay proper	140 0 0	...	...	...	...	...	...	...
1	1	1	House-rent	45 0 0	...	...	...	...	...	...	...
1	1	1	Examiner of Railway Accounts.	500 0 0	...	...	...	...	...	...	...
1	1	1	Military allowance, Staff	374 1 0	...	...	...	...	...	...	...
1	1	1	House-rent	75 0 0	...	...	...	...	...	...	...
1	1	1	Assistant Consulting Engineer for Railways	550 0 0	...	...	...	...	...	...	...
1	1	1	Military pay proper	70 0 0	...	...	...	...	...	...	...
1	1	1	House-rent	45 0 0	...	...	...	...	...	...	...
1	1	1	Assistant Controller of the second grade	...	...	...	...	...	...	...	...
1	1	1	Second grade Accountant	...	...	...	...	...	...	...	...
1	1	1	Clerks, at Rs. 15, 20, 30, and 70	...	...	...	...	...	...	...	...
1	1	1	Accountants, at Rs. 40, 60, and 100	...	...	...	...	...	...	...	...
1	1	1	Writer for the Deputy Consulting Engineer.	...	...	...	...	...	...	...	...
1	1	1	Draughtsman	...	...	...	...	...	...	...	...
1	1	1	Indexer	...	...	...	...	...	...	...	...
10	10	10	Peons and others, one at Rs. 5, seven at Rs. 7, one at Rs. 8, and one at Rs. 10-8-0	...	...	...	...	...	...	...	...
2	2	2	Lascars for the Deputy Consulting Engineer, at Rs. 7 each	...	...	...	...	...	...	...	...
2	2	2	Add for travelling allowances of Consulting Engineer, Deputy Consulting Engineer, and Examiner of Railway Accounts	...	...	...	...	...	...	...	...
2	2	2	Official Postage	...	...	...	...	...	...	...	...
2	2	2	Office expenses and contingencies	...	...	...	...	...	...	...	...
2	2	2	Office rent	...	...	...	...	...	...	...	...
Total...				...	...	...	...	...	...	...	...

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Purchase of Land, 1872-73.

—	Amount of Estimate.	Computed payments up to 31st March 1872.	Estimate for 1872-73.	—	Amount of Estimate.	Computed payments up to 31st March 1872.	Estimate for 1872-73.
<i>Munias Railway.</i>							
Chingleput District	RS. 2,000	RS. 1,000	RS. 1,000	<i>Great Southern of India Railway.</i>	RS.	RS.	RS.
Coimbatore do.	* 63,000	43,000	20,000	Tanjore District	1,60,557	1,56,167	4,390
<i>Neilgherry Branch.</i>							
Class A.—For railroad from Nunjundapoo- rum to Mettapollicm	24,000			Trichinopoly do. Erode Ex- tension	12,010	7,000	3,930
For station ground at Coimbatore	14,200			Tuticorin Extension...			30,000
For station ground in three other places... ..	6,000			Madura District			50,000
B.—For spoil banks, etc.	19,100			Tinnevely do.,			1,00,000
C.—For Engineer's bungalows, and for the preparation of materials...	2,200						1,88,320
D.—For diversion of roads	500			<i>Carnatic Railway.</i>			
Probable amount of compensation to be paid for loss of produce	1,000			Madras } District			30,000
				Chingleput			20,000
				South Arcot do.			50,000
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							

Summary.
Madras Railway ... 21,460
Great Southern of India Railway ... 1,88,320
Carnatic Railway ... 50,000
Total... 2,59,780

Estimate of Railway transactions as Disbursements or Receipts of the Public Works Department for 1872-73.

MADRAS RAILWAY.										G. S. OF INDIA RAILWAY.						CARNATIC RAILWAY.						TOTAL.	
1872-73.		1871-72.		1872-73.		1871-72.		1872-73.		1871-72.		1872-73.		1871-72.		1872-73.		1871-72.		1872-73.		1871-72.	
Budget Estimate.		Regular Estimate.		Budget Estimate.		Regular Estimate.		Budget Estimate.		Regular Estimate.		Budget Estimate.		Regular Estimate.		Budget Estimate.		Regular Estimate.		Budget Estimate.		Regular Estimate.	
RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.		RS.	
28,40,252		23,54,439		26,61,908		17,50,000		20,70,500		5,58,171		7,55,772		9,03,000		2,41,573		13,46,024		53,27,739		34,71,552	
15,00,000		13,20,439		1,20,000		5,000		1,90,000		5,000				2,50,000				15,05,000		17,69,439		13,25,000	
13,40,252		10,34,000		13,40,908		17,45,000		18,80,300		5,53,171		7,55,772		6,41,000		2,41,573		38,41,024		55,58,200		21,46,632	
60,00,000		61,00,000		61,00,000		8,66,800		8,25,000		7,11,000		41,000		42,000		34,500		39,07,500		69,67,000		68,45,500	
33,00,000		32,52,400		34,06,948		5,74,700		5,00,000		4,43,130		28,451		30,000		24,450		11,03,151		37,82,400		38,74,528	
23,00,000		28,47,600		26,93,052		2,92,100		3,25,000		2,67,870		12,549		12,000		10,050		28,04,649		31,84,000		29,70,972	
<i>Capital Account.</i>																							
Gross advances ...																							
Refunds ...																							
Net Advances...																							
<i>Revenue Account.</i>																							
Gross Earnings ...																							
Working Expenses...																							
Net Revenue ..																							

MADRAS RAILWAY.
Great Southern of India Railway
Carnatic Railway ..

MADRAS,
5th January 1872.

PERCENTAGE OF WORKING EXPENSES.

	1871-72.			1872-73.	
	Budget Estimate.	Regular Estimate.		Budget Estimate.	Regular Estimate.
	53.32	55.85		58.83	55.85
	60.61	62.32		66.31	62.32
	71.43	70.87		69.39	70.87

(Signed) H. I. PRENDERGAST, Major, R. E.,
Acting Consulting Engineer for Railways.

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MADRAS RAILWAY.
CAPITAL ACCOUNT.

Estimate of Cash Expenditure in India on the Madras Railway for the year 1872-73.

	Actuals in 1870-71.	Sanctioned Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
CAPITAL OUTLAY.				
Engineer's Department.				
Sanctioned works as per Schedule A ...	23,98,758	3,15,765	13,34,921	16,33,358
Works to be sanctioned do. B ...	...	10,68,848	1,27,407	7,90,304
Minor works do. C ...	37,274		14,917	19,858
Locomotive Department.				
Sanctioned works as per Schedule A ..	91,088	22,760		
Works to be sanctioned do. B ...		1,63,066	38,000	11,000
Minor works do. C ...		50,000	82,000	82,000
Carriage and Waggon Department.				
Sanctioned works as per Schedule A ...			64,192	72,280
Works to be sanctioned do. B ...			6,419	7,249
Minor works do. C ...				
Traffic Department.				
Works to be sanctioned as per Schedule B				10,000
Establishments chargeable to Capital as per general estimate of establishments, Schedule D ...	4,45,977	3,22,000	3,37,552	2,69,001
Stores as per do. E ...	6,14,836	4,12,000	6,56,500	6,95,202
Total...	35,87,933	23,54,439	26,61,908	35,90,252
Receipts to be credited to Capital Account.				
Shares paid in India ...				
Refunds, etc. ...	11,24,765	13,20,439	13,20,000	15,00,000
Total Receipts...	11,24,765	13,20,439	13,20,000	15,00,000
Net cash demands of the year...	24,63,168	10,34,000	13,41,908	20,90,252

CAPITAL ACCOUNT.

Estimate of Revenue of the Madras Railway for the year 1872-73.

	Actuals in 1870-71.	Sanctioned Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
Receipts as per Schedule F.				
Coaching traffic ...	20,38,393			21,00,000
Goods traffic ...	30,40,854			31,00,000
Electric telegraph earnings	16,866			17,000
Sundries ...	1,45,951			1,83,000
Total Receipts...	52,42,064	61,00,000	61,00,000	54,00,000
Expenditure as per Schedule G.				
Maintenance of way, works and stations	7,96,598	10,14,000	10,14,000	10,20,000
Locomotive expenses	10,81,571	12,41,100	13,92,423	14,57,340
Carriage and waggon expenses	1,50,312	1,58,000	1,61,225	2,85,370
Traffic expenses...	4,51,723	4,65,300	4,65,300	5,68,500
General charges...	1,76,739	2,20,000	2,20,000	3,49,809
Special and miscellaneous expenditure	2,17,199	1,54,000	1,54,000	1,62,000
Total Expenditure...	28,24,142	32,52,400	34,06,948	38,43,019
Balance...	24,17,922	28,47,600	26,93,052	15,56,981

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SCHEDULE A.—SANCTIONED WORKS.
CAPITAL.
Budget Estimate of the Madras Railway for the year 1872-73.

No.	Details.	AMOUNT OF ESTIMATE.			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1870-71			PROBABLE EXPENDITURE DURING THE YEAR 1871-72.			ESTIMATED EXPENDITURE IN 1872-73.			Estimat- ed Ex- pendi- ture in future years.
		Cash outlay in India.	Value of English Stores.	Total ex- penditure.	Indian ex- penditure.	English ex- penditure.	Total ex- penditure.	Indian ex- penditure.	English ex- penditure.	Total ex- penditure.	Indian ex- penditure.	English ex- penditure.	Total ex- penditure.	
ENGINEER'S DEPARTMENT.														
Works sanctioned in the old form of Account.														
1	Madras Central Station...	6,29,679	2,91,076	9,20,755	3,88,629	1,80,175	5,68,804	1,00,000	80,000	1,80,000	1,00,000	30,000	1,30,000	40,000
2	Altering double needle into single needle instruments, South-West Line.	5,623	4,363	9,986	2,202	3,798	6,000	1,921	400	2,321	1,500	165	1,665	...
3	The section of North-West Line open for less than two years, namely, from Ghooty to Raichore, including Bellary branch.	83,46,485	45,31,988	128,78,473	55,45,522	39,42,976	94,88,498	7,70,000	4,30,000	12,00,000	8,00,000	4,00,000	12,00,000	...
4	Construction of Line.													
4	Hand-railing to bridges, South- West Line and North-West Line	29,354	8,515	37,869	...	...	...	26,000	8,000	34,000	3,354	515	3,869	...
5	Ballast and Permanent Way.													
5	Renewing the line between Ave- nushy and Muddikerry with iron pot sleepers.	...	1,38,045	1,38,045	...	4,842	4,842	...	38,217	38,247	...	37,077	37,077	57,000
6	Stations and Buildings.													
6	Boundary wall, new Central Station	9,504	...	9,504	...	...	...	7,000	...	7,000	2,504	...	2,504	...
7	Raichore station	3,04,213	1,31,913	4,36,126	1,45,522	1,01,155	2,46,677	1,30,000	25,000	1,55,000	28,000	5,000	33,000	...
8	Line under Construction.													
8	Nallcherry branch line	11,48,104	7,56,112	19,04,216	77,280	4,715	81,995	3,00,000	7,00,000	10,00,000	6,80,000	50,000	7,30,000	83,000
9	Karamudy station	12,044	7,171	19,215	...	...	...	...	...	...	9,000	6,000	15,000	...
10	Tudialoor do.	12,061	7,171	19,232	...	...	...	...	...	...	9,000	6,000	15,000	...
Total Engineer's Department...		104,97,067	58,76,354	163,73,421	61,59,155	42,37,661	103,96,816	13,34,921	12,81,647	26,16,568	16,33,358	5,34,757	21,68,115	1,80,000

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19th January 1872.

LOCOMOTIVE DEPARTMENT.														
<i>Nil.</i>														
CARRIAGE AND WAGON DEPT.														
<i>apostite and ages to be fitted with (oil).</i>														
16,520	20,560	37,080	10,443	9,363	19,806	2,577	2,500	5,077	3,500	8,697	12,197	...	...	Nil.
20,280	37,570	57,800	2,895	9,631	12,526	3,355	10,800	14,155	13,980	17,139	31,119	...	...	...
12,916	34,714	47,630	4,852	1,596	6,448	8,064	33,118	41,182	...	...	...	...	...	...
15,221	54,428	69,649	532	971	1,508	14,689	53,457	68,146	...	...	...	...	...	...
6,050	21,750	27,800	...	...	...	...	...	...	6,050	21,750	27,800	...	...	...
15,186	34,314	49,500	...	...	...	7,595	17,157	24,752	7,591	17,157	24,745	...	...	...
28,096	50,953	79,048	2,184	14,676	16,860	25,912	36,276	62,188	26,039	64,878	90,917	...	...	...
26,039	64,878	90,917	...	...	...	...	...	...	...	...	...	...	...	...
8,250	26,000	34,250	...	...	...	2,000	6,000	8,000	6,250	20,000	26,250	...	...	...
8,870	16,130	25,000	...	...	...	...	...	...	8,870	16,130	25,000	...	...	...
1,57,378	3,61,296	5,18,674	20,906	36,237	57,143	64,192	1,59,308	2,23,500	72,280	1,65,751	2,38,031	...	...	...
106,54,445	62,37,650	168,92,095	61,80,061	42,73,898	104,53,959	13,99,113	14,40,955	28,40,068	17,05,638	7,00,508	24,06,146	...	...	1,80,000

*1.79 is contingent upon the authority of Government being obtained to resume operations suspended in accordance with G. O., No. 1,908, dated 10th August 1870.

SCHEDULE B.—WORKS NOT YET SANCTIONED.

CAPITAL.

Budget Estimate of the Madras Railway for the year 1872-73.

Proceedings of the Madras Government, Public Works Department,
19th January 1872.

No.	Details.	AMOUNT OF ESTIMATE.			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1870-71.			PROBABLE EXPENDITURE DURING THE YEAR 1871-72.			ESTIMATED EXPENDITURE IN 1872-73.			Estimat- ed ex- pendi- ture in future years.
		Cash outlay in India.	Value of English Stores.	Total ex- penditure.	Indian ex- penditure.	English ex- penditure.	Total ex- penditure.	Indian ex- penditure.	English ex- penditure.	Total ex- penditure.	Indian ex- penditure.	English ex- penditure.	Total ex- penditure.	
ENGINEER'S DEPARTMENT.														
Construction of Line.														
1	New Cheyarr bridge ...	2,38,820	2,80,410	5,19,230	...	...	...	83,500	...	...	1,20,000	2,50,000	3,70,000	65,730
2	Hugry bridge supplemental esti- mate.	69,571	82,634	1,52,205	...	...	...	...	...	...	69,571	82,634	1,52,205	...
3	Protective works to bridges, South- West Line.	1,78,000	...	1,78,000	...	...	...	...	...	...	1,78,000	...	1,78,000	...
4	Do. do. North-West Line.	62,000	...	62,000	...	...	...	...	...	...	62,000	...	62,000	...
5	Watchmen's huts on 3rd Division, North-West Line.	10,260	...	10,260	...	...	...	5,130	...	5,130	5,130	...	5,130	...
Ballast and Permanent Way.														
6	Renewing the line between Muddi- kerry and Beypore with iron pot sleepers.	...	3,18,637	3,18,637	...	...	...	...	...	...	...	1,00,667	1,00,667	2,17,970
7	Bellary station yard ...	3,339	6,192	9,531	...	...	...	...	...	...	3,339	6,192	9,531	...
Stations and Buildings.														
8	Brass and iron foundries and tank at Perambore.	38,362	11,060	49,422	...	...	...	...	...	...	...	...	...	...
9	New Smithy, Perambore	41,000	37,000	78,000	...	...	...	...	...	...	20,000	5,000	25,000	24,422
10	Watering arrangements, new Cen- tral station.	5,859	5,074	10,933	...	...	...	5,000	...	5,000	30,000	30,000	60,000	13,000
11	Alterations and additions to Salem station.	8,900	40	8,940	...	...	...	...	...	...	8,900	40	8,940	...

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12	Works consequent on the junction at Bangalore with the Mysore State Railway.	47,139	22,491	69,630	...	...	...	...	...	...	25,000	10,000	35,000	84,630
13	Watering arrangements at Banga- lore.	6,300	2,000	8,300	...	...	...	...	...	...	6,300	2,000	8,300	...
14	Alterations and additions to Arco- num Station.	11,247	1,894	13,141	...	...	...	...	...	...	11,247	1,894	13,141	...
15	Refreshment-room at Tripatty with kitchen and godown.	6,363	...	6,363	...	...	...	...	...	...	6,363	...	6,363	...
16	Do. do. at Cuddapah	6,363	...	6,363	...	...	...	...	...	...	6,363	...	6,363	...
17	Do. do. at Chooty	5,557	...	5,557	...	...	...	...	...	...	5,557	...	5,557	...
18	Additional well staging, and pip- ing at Chooty.	5,843	2,136	7,979	...	...	...	4,000	1,500	5,500	1,843	636	2,479	...
19	Bellary station yard ...	3,967	...	3,967	...	...	...	...	...	...	3,967	...	3,967	...
20	New station at the Toongabundri...	5,446	483	5,929	...	...	...	4,000	300	4,300	1,446	183	1,629	...
21	Upstair bungalow for locomotive staff at Raichore.	15,466	...	15,466	...	...	...	...	...	...	8,000	...	8,000	7,466
22	Raichore station works supple- mentary estimate.	10,915	3,362	14,277	...	...	...	...	...	...	10,915	3,362	14,277	...
<i>Line under Construction.</i>														
23	Pothanore junction works, Neil- gherry branch.	24,248	28,467	52,715	...	...	...	8,777	16,990	25,767	15,471	11,477	26,948	...
24	Coimbatore station ...	67,808	42,472	1,10,280	...	...	...	15,000	5,000	20,000	52,808	37,472	90,280	...
25	Karamady station, additional esti- mate.	6,746	2,755	9,501	...	...	...	...	...	...	6,746	2,755	9,501	...
26	Metapoliem station ...	62,000	38,000	1,00,000	...	...	...	...	...	...	50,000	30,000	80,000	20,000
27	Electric Telegraph, Neigherry branch.	5,634	19,570	25,204	...	...	...	2,000	...	2,000	3,634	19,570	23,204	...
28	Unforeseen requirements	71,845	59,895	1,31,740	...	...	...	...	...	...	71,845	59,895	1,31,740	...
<i>Locomotive Department.</i>														
Total Engineer's Dept. ...		10,19,043	9,64,572	19,83,620	...	...	...	1,27,407	23,730	1,51,137	7,90,304	6,58,851	14,49,155	8,33,268
<i>Carriage and Wagon Dept.</i>														
Locomotives with tenders, No. 20.		10,000	7,00,000	7,10,000	...	...	...	...	...	...	10,000	7,00,000	7,10,000	...
Reserve to meet unforeseen re- quirements.		39,000	35,000	74,000	...	...	...	...	...	...	1,000	35,000	36,000	...
<i>Total Locomotive Dept. ...</i>														
Total Locomotive Dept. ...		49,000	7,35,000	7,84,000	...	...	...	...	...	...	11,000	7,35,000	7,46,000	...
<i>Carriage and Wagon Dept.</i>														
Reserve to meet unforeseen ex- penditure.		13,603	33,369	47,037	...	...	...	6,419	15,930	22,349	7,249	17,439	24,688	...
<i>Traffic Department.</i>														
Reserve to meet unforeseen re- quirements.		...	...	...	...	...	...	...	...	...	10,000	...	10,000	...
Total Schedule B. ...		10,81,716	17,32,941	28,14,657	...	...	...	1,71,826	39,730	2,11,556	8,18,553	14,11,290	22,29,843	...

* Value of two engines re-purchased from Mr. Barnett in June 1871.

SCHEDULE C.—MINOR WORKS.

CAPITAL.

Budget Estimate of the Madras Railway for the year 1872-73.

No.	Details.	AMOUNT OF ESTIMATE.			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1870-71.			PROBABLE EXPENDITURE DURING THE YEAR 1871-72.			ESTIMATED EXPENDITURE IN 1872-73.			Estimated expenditure in future years.
		Cash outlay in India.	Value of English Stores.	Total expenditure.	Indian expenditure.	English expenditure.	Total expenditure.	Indian expenditure.	English expenditure.	Total expenditure.	Indian expenditure.	English expenditure.	Total expenditure.	
ENGINEER'S DEPARTMENT.														
SANCTIONED WORKS.														
Works sanctioned in the old form of Account.														
1	Altering double needle into single needle instruments, N. W. Line.	2,742	1,239	3,981	154	916	1,070	1,588	200	1,788	1,000	123	1,123	...
Stations and Buildings.														
2	Permanent-way Inspector's bungalow at Bellary.	3,966	...	3,966	...	...	...	3,000	...	3,000	966	...	966	...
3	Engineer's Stores, Workshop, etc., at Bellary.	4,866	...	4,866	...	...	...	4,000	...	4,000	866	...	866	...
4	Station Master's bungalow at Adoni.	4,899	...	4,899	...	...	...	4,000	...	4,000	899	...	899	...
Electric Telegraph.														
5	Maintenance of Telegraph from Ghooty to Toongabudra.	2,097	2,330	4,427	...	22	22	1,200	1,300	2,500	897	1,008	1,905	...
6	Do. do. from Goondacul to Bellary and from Toongabudra river to Raichore.	2,257	2,690	4,947	...	...	...	1,129	1,345	2,474	1,128	1,345	2,473	...
UNSANCTIONED WORKS.														
Stations and Buildings.														
1	Sub-Inspector's bungalow at Anaprae.	2,600	...	2,600	...	...	...	...	...	...	2,600	...	2,600	...
2	Coke staging at Raichore	366	...	366	...	...	...	...	...	...	366	...	366	...
3	Double ash-pit at do.	2,279	...	2,279	...	...	...	...	...	...	2,279	...	2,279	...

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4	Fixing lightning conductors at Bellary Station.	443	586	1,029	..	..	..	..	..	..	443	586	1,029	..
5	Do. do. at Raichore do.	414	461	875	..	..	..	..	..	..	414	461	875	..
6	Works not specially provided for...	8,000	2,000	10,000	..	..	..	..	..	..	8,000	2,000	10,000	..
Total Engineer's Dept. ...														
		34,929	9,306	44,235	154	938	1,092	14,917	2,845	17,762	19,858	5,523	25,381	..
LOCOMOTIVE DEPARTMENT.														
1	Minor works *	1,60,000	3,40,000	5,00,000	..	..	..	80,000	1,70,000	2,50,000	80,000	1,70,000	2,50,000	..
2	Tools and Plant *	4,000	10,000	14,000	..	..	..	2,000	5,000	7,000	2,000	5,000	7,000	..
Total Locomotive Dept. ...		1,64,000	3,50,000	5,14,000	..	..	..	82,000	1,75,000	2,57,000	82,000	1,75,000	2,57,000	..
Total Schedule C...		1,03,929	3,59,306	5,53,235	154	938	1,092	96,917	1,77,845	2,74,762	1,01,858	1,80,523	2,82,381	..

* Under the head "Minor Works" has been estimated the probable expenditure in labour and stores for articles manufactured in the works here for this department and for Engineer's, Traffic, and Stores Departments, etc.

SCHEDULE D.

CAPITAL AND REVENUE.

Budget Estimate of Establishment of the Madras Railway for the year 1872-73.

NUMBER.		Details.	Monthly Salary of Office.	ESTIMATE, 1871-72.						ESTIMATE, 1872-73.							
1871-72. 1872-73.				Per mensem.	Per annum.	Distribution of Charges.		Capital.	Revenue.	Total.	Per mensem.	Per annum.	Distribution of Charges.		Capital.	Revenue.	Total.
						RS.	RS.						RS.	RS.			
1	1	<i>Direction.</i>															
1	1	Agent and Manager ...	2,272														
7	9	Assistant do.	545														
8	+14	Clerks	445														
		Peons, etc., etc. ...	53														
		Total, Direction...															
		<i>Chief Auditor's Department.</i>															
1	1	Chief Auditor ...	1,136														
2	3	Assistants to do. ...	1,700														
73	80	Clerks	1,742														
5	6	Peons	31														
5	5	Office Servants ...	20														
		Total, Chief Auditor's Dept....															
		<i>Chief Accountant's Dept.</i>															
1	1	Chief Accountant ...	545														
12	14	Clerks	547														
3	3	Peons	20														
4	4	Office Servants ...	24														
		Total, Chief Accountant's Dept.															
															</		

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<i>Medical Department.</i>					
1	Consulting Physician ...	210			
1	Company's do.	50			
18	Apothearies	1,505			
1	Clerk	15			
17	Peons... ..	119			
71	Toties and Sweepers ...	410			
	Total, Medical Dept...				
<i>General Stores Department.</i>					
1	General Store-keeper...	682			
1	Comptroller of Stores Accounts	773			
1	Store Auditor .. .	200			
1	Stock-taker	80			
31	Clerks	1,099			
1	Beach Conicopillay ...	20			
1	Time-keeper	15			
1	Moochoe	10			
4	Travelling Peons with vans	40			
12	Ward Peons	70			
6	Office do.	43			
2	Guard do.	14			
2	Carpenters	39			
3	Book-binders	24			
1	Tent Maistry	13			
1	Cooper	10			
1	Cooly Maistry	9			
2	Punkahmen	12			
2	Clickledars	12			
1	Chuckler	9			
1	Marker... ..	8			
1	Toty	4			
	Total, General Stores Dept...				
<i>Cashier's Department.</i>					
1	Cashier... ..	590			
2	Assistants to Cashier ...	435			
1	Pay Master	484			

* Includes Travelling expenses.
† Do. Book-binders, Punka-pullers, Sweepers, Toties, etc., for General Offices.
‡ Do. Travelling expenses, batta, etc.
§ Inclusive of batta.

Budget Estimate of Establishment of the Madras Railway for the year 1872-73.—(Continued.)

NUMBER.		Details.	ESTIMATE, 1871-72.				ESTIMATE, 1872-73.					
1871-72.			Monthly salary of Office.	Per mensem.	Per annum.	Distribution of Charges.		Per mensem.	Per annum.	Distribution of Charges.		
1871-72.	1872-73.					Capital.	Revenue.			Capital.	Revenue.	Total.
Cashier's Dept.—(Concluded.)												
14	14	Cash-keepers ..	798									
8	10	Clerks ..	315									
4	5	Shroffs ..	100									
72	72	Peons ..	600									
2	2	Punkah-pullers ..	10									
Total, Cashier's Dept...												
Police.												
6	6	Inspectors ..										
7	7	Detectives ..										
1	1	Havildar ..										
4	4	Naigues ..										
37	37	Peons ..										
114	114	Sepoys ..										
8	8	Night Watchmen ..										
Total, Police...												
Electric Telegraph Dept.												
1	1	1st Class Engineer ..										
.....		Allowance ..										
.....		Establishment ..										
63	63	Signallers ..										
5	5	Peons ..										
1	1	Punkah-paller...										
Total, Electric Telegraph Dept.												
Total, General Offices...				3,14,100	1,20,000	1,94,100		3,13,100	92,431	2,20,669	3,13,100	

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Engineer's Department.												
Chief Engineer												
Deputy do., at Rs. 1,045-7-3.												
Assistant to do.												
Allowances												
1st Class Engineers,												
at Rupees	863	10	2									
Do.	772	11	8									
2nd Do.	659	1	5									
Do.	590	14	6									
3rd Do.	454	8	9									
Allowances, at Rs. 75 each												
4th Class Engineer												
Allowance												
Engineering Assistants												
Allowances												
Permanent-way Inspectors												
Covenanted Inspector...												
On Construction.												
Two 2nd Class and two 3rd Class Inspectors												
Office Establishments, including construction and maintenance												
Deduct saving which will probably be effected by reductions in the Engineering Staff and by the retrenchment of salary for Engineers proceeding on furlough or sick leave.												
Total...												
Add margin to provide for promotions, increases of pay, and new appointments												
Total, Engineer's Dept...												

• Inclusive of batta.

Budget Estimate of Establishment of the Madras Railway for the year 1872-73.

NUMBER.	1871-72. 1872-73.	Details.	Monthly Salary of Office.	ESTIMATE, 1871-72.				ESTIMATE, 1872-73.			
				Per mensem.	Per annum.	Distribution of Charges.		Per mensem.	Per annum.	Distribution of Charges.	
						Capital.	Revenue.			Capital.	Revenue.
			RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1	1	<i>Locomotive Department.</i>									
		Locomotive and Carriage Superintendent	1,637					2,065	24,780	6,195	18,585
1	1	Fixed allowance	105					105	1,260	315	945
1	1	Assistant Locomotive and Carriage Superintendent	682					820	9,840	2,460	7,380
1	1	Do. do.	410					500	6,000	1,500	4,500
1	1	Accountant	350					420	5,040	1,260	3,780
9	12	Fixed allowance	30					30	360	90	270
4	5	Foremen in charge of Divisions.	350					4,200	50,400	12,600	37,800
		Do. do. of Perambore Workshops	350					1,750	21,000	5,250	15,750
1	1	Do. do.	237					350	4,200	1,050	3,150
1	1	Do. do.	237					300	3,600	900	2,700
1	1	Assistant do.	150					250	3,000	750	2,250
		Unfixed allowances, inclusive of rent allowances							12,800	3,200	9,600
		Office Establishment						3,000	36,000	9,000	27,000
		Total, Locomotive Department.		1,50,208	37,552	1,12,656	1,50,208		1,78,280	44,570	1,33,710
		<i>Traffic Department.</i>									
1	1	Traffic Manager	1,364					1,642	19,700		19,700
1	1	Deputy do.	591					708	8,500		8,500
6	6	Assistant do.						2,375	28,500		28,500
374	374	Station Masters and Clerks						14,250	1,71,000		1,71,000
437	437	Peons						3,083	37,000		37,000
212	212	Porters						1,417	17,000		17,000
555	555	Porters						3,384	43,000		43,000
177	177	Gate-men						958	11,500		11,500
42	42	Head Porters						1,058	12,700		12,700
		Total, Traffic Department.									
		Total, Schedule D.			11,25,808	3,73,500	7,88,256		11,82,880	2,69,001	9,13,879

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NUMBER.	1871-72. 1872-73.	Details.	Monthly Salary of Office.	Per mensem.	Per annum.	Distribution of Charges.		Per mensem.	Per annum.	Distribution of Charges.	
						Capital.	Revenue.			Capital.	Revenue.
			RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
4	4	Inspector of Pointsmen						167	2,000		2,000
7	7	Waiting-room Attendants						58	700		700
19	19	Staff Bungalow						125	1,500		1,500
120	120	Guards...						5,458	65,500		65,500
168	168	Scavengers						833	10,000		10,000
...	...	Travelling allowance						742	8,900		8,900
...	...	Contingencies						1,167	14,000		14,000
		Total, Traffic Department...			3,73,500		3,73,500		4,51,500		4,51,500
		Total, Schedule D.			11,25,808	3,73,500	7,88,256		11,82,880	2,69,001	9,13,879

SCHEDULE E.
Budget Estimate of expenditure on stores for the Madras Railway during 1872-73.

Details.	ACTUAL PURCHASES DURING 1870-71.		PURCHASES DURING 1871-72.		PURCHASES DURING 1872-73.	
	Quantity.	Amount.	Quantity.	Amount.	Amount.	Total.
<i>In India.</i>						
Wooden sleepers	...	Rs. 91,683	...	Rs. 75,000	Rs. 75,000	
Do. keys	...	12,300	...	12,000	12,000	
Cotton, waste	lbs. 21,194	1,822	43,122	3,809	4,150	
Firewood	82,454,934	1,42,555	113,406,260	1,50,000	1,62,550	
Grease and tallow	1,95,355	28,748	2,28,250	41,100	48,562	
Timber, teak	50,308	92,950	93,921	1,45,100	1,33,000	
Government duty and landing charges	...	43,233	...	40,000	40,000	
Sundry stores	...	2,61,545	...	1,89,600	2,19,940	
	...	6,14,836	...	6,56,500	6,95,202	6,95,202
<i>In England.</i>						
Girders	...	25,904	...	2,50,000	3,50,000	
Permanent-way materials	...	3,80,308	...	7,43,500	4,50,000	
Fencing	...	15,189	...	5,500	5,000	
Telegraph stores	...	69,506	...	80,500	60,000	
Coke, coal, and patent fuel	Tons. 3,448	71,703	15,984	3,95,376	6,00,000	
Canvas	Yds. 3,492	23,259	2,640	4,740	5,170	
Copper and sheets	lbs. 8,218	4,383	...	...	5,500	
Do. Crown, black plate piping and rods	No. 124,407	10,766	3,336	1,860	67,910	
Spring, steel	lbs. ...	...	57,778	5,000	44,000	
Brass tube and piping	No. 136,028	3,579	1,38,600	7,000	24,370	
Iron	lbs. 531	2,724	1,166	6,770	58,760	
Paints	Kegs. 70	21,142	...	...	7,390	
Iron work	Sets. 750	18,787	3,608	1,54,926	40,000	
Springs, bearing and buffer	No. 54	9,334	...	...	40,000	
Wheels and axles	No. 166	15,760	...	...	47,500	
Tyres, steel and iron	...	...	...	...	...	

Engines (No. 20)	...	...	...	...	7,00,000	
Duplicate parts of engines	...	...	...	...	35,000	
Materials for tarpaulins	...	...	...	...	90,000	
Grease	...	...	...	...	6,000	
Sundry stores	...	...	...	...	3,11,120	
	...	10,22,955	...	19,83,772	30,07,720	30,07,720
Total Schedule E...	...	16,37,791	...	26,40,272	37,02,922	37,02,922

MEMORANDUM.

Actual balance of stores in hand on 1st April 1871	...	...	...	...	Rs. 51,08,518
Estimated purchases during 1871-72 as above	...	...	...	...	26,40,272
Estimated issues during 1871-72	...	...	...	Total...	77,48,790
Estimated balance on 1st April 1872	...	...	...	...	31,22,047
Estimated purchases during 1872-73	...	...	...	...	46,26,743
Estimated issues during 1872-73	...	...	...	...	37,02,922
Estimated balance on 1st April 1873	...	...	...	Total...	83,29,665
Estimated issues during 1872-73	...	...	...	...	37,06,662
Estimated balance on 1st April 1873	...	...	...	...	46,23,003

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SCHEDULE F

General Estimate of Traffic Receipts of the Madras Railway for 1872-73.

Number of miles open for traffic on 1st April 1871	...	...	...	...	832
Expected to be open during 1872-73...	...	...	...	...	26*

Total on 1st April 1873... 858

Total likely to be open at end of 1872-73... 858

Average number of miles expected to be open during the whole of 1872-73 832

	Actuals, 1870-71.	Budget Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
Coaching traffic	RS.	RS.	RS.	RS.
Goods	20,38,393	...	...	21,00,000
Electric telegraph earnings	30,40,854	...	...	31,00,000
Sundries	16,866	...	...	17,000
	1,45,951	...	...	1,83,000
Total Schedule F....	52,42,064	61,00,000	61,00,000	54,00,000

SCHEDULE G.

General Estimate of Revenue Expenditure on the Madras Railway for 1872-73.

	Actuals, 1870-71.	Budget Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
Maintenance of Way, Works, and Stations.	RS.	RS.	RS.	RS.
1st.—Salaries, office expenses, and general superintendence	...	...	...	...
(1.)—Engineers' salaries	1,04,835	1,21,700	1,08,000	1,03,000
(2.)—Allowances, including travelling expenses of all kinds	51,781	...	...	48,000
(3.)—Subordinate Superintendents	7,518	...	...	8,000
(4.)—Allowances of do.	27,404	...	...	28,000
(5.)—Overtime allowances	339	...	...	6,000
(6.)—Office expenses	17,853	...	...	18,000
2nd.—Maintenance and renewal of permanent way	...	...	...	...
(1.)—Wages	4,93,963	6,73,800	5,24,000	5,80,000
(2.)—Materials	2,60,400	...	...	2,90,000
3rd.—Repairs of bridges, etc.—Wages and materials	2,33,503	...	...	3,00,000
(1.)—Bridges and tunnels	98,544	1,03,500	3,00,000	2,31,000
(2.)—Miscellaneous, including earthwork, roads, fencing, etc.	40,428	...	...	1,74,000
4th.—Repairs of stations and buildings—Wages and materials	58,116	...	...	60,000
(1.)—Repairs of buildings of every description, including station-yards and signals, but excepting quarters of the staff	54,467	73,000	58,000	53,000
(2.)—Repairs of staff quarters	43,679	...	...	46,000
	10,789	...	...	12,000

* The Neilgherry branch will be completed by the end of the official year 1872-73 if the girders are out in good time.

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General Estimate of Revenue Expenditure on the Madras Railway for 1872-73.—(Contd.)

	Actuals, 1870-71.	Budget Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
Maintenance of Way, Works, and Stations.	RS.	RS.	RS.	RS.
—(Concluded.)	...	...	...	...
5th.—Maintenance by contract	...	...	...	...
6th.—Unclassified expenditure	44,729	31,000	24,000	30,000
(1.)—Plantations	...	...	...	...
(2.)—Tools and plant	26,524	...	...	25,000
(3.)—Loss on stores, etc.	18,205	...	...	5,000
Total...	7,96,598	10,14,000	10,14,000	10,20,000
Deduct sum chargeable to Fire Insurance Fund.	...	...	...	...
Total...	7,96,598	10,14,000	10,14,000	10,20,000
Locomotive Expenses.				
1st.—General Superintendence...	77,003	81,000	1,01,801	1,20,340
(1.)—Salaries of Locomotive Superintendent and Assistants	11,771	...	...	27,419
(2.)—Allowances of do., including travelling allowances	703	...	...	1,526
(3.)—Subordinate Superintendents	34,364	...	...	52,485
(4.)—Allowances of do., including travelling allowances	866	...	...	7,965
(5.)—Overtime allowances	1,048	...	...	3,000
(6.)—Office expenses	28,846	...	...	27,945
2nd.—Running expenses (wages connected with the working of locomotive engines)	2,15,229	2,29,500	2,55,204	3,00,000
(1.)—Wages of Drivers and Firemen	1,48,402	...	...	2,05,000
(2.)—Overtime allowances	34,113	...	...	45,500
(3.)—All labour connected with fueling, cleaning, and looking after engines in yards	32,035	...	...	47,000
(4.)—Contingent expenses, including clothing and travelling expenses	679	...	...	2,500
3rd.—Fuel	4,24,920	4,82,300	5,47,617	6,00,000
(1.)—Coal	16,757	...	...	77,600
(2.)—Coke	1,02,287	...	...	1,13,600
(3.)—Patent fuel	1,09,058	...	...	1,55,200
(4.)—Wood	1,96,827	...	...	2,53,600
4th.—Water (including wages and stores)	24,243	27,000	30,000	35,000
5th.—Oil, tallow, and other stores (expended on engines in work)	20,326	35,100	39,969	35,000
6th.—Maintenance and renewals of locomotive engines and machinery	2,68,041	3,74,400	4,16,233	3,60,000
(1.)—Wages	1,39,519	...	...	1,55,500
(2.)—Overtime allowances	6,476	...	...	7,000
(3.)—Materials	1,22,646	...	...	1,97,500
7th.—Payments to other lines	294	...	...	5,000
(1.)—Hire of locomotives	294	...	...	5,000
8th.—Unclassified expenditure	...	1,800	2,000	2,000
Loss on stores, etc.	...	...	...	2,000
Total...	10,31,571	12,41,100	13,92,423	14,57,340
Deduct sum chargeable to Fire Insurance Fund.	...	...	...	...
Total...	10,31,571	12,41,100	13,92,423	14,57,340

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General Estimate of Revenue Expenditure on the Madras Railway for 1872-73.—(Contd.)

	Actuals, 1870-71.	Budget Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
Rs.	Rs.	Rs.	Rs.	Rs.
<i>Carriage and Waggon Expenses.</i>				
1st.—General Superintendence...	3,215	3,000	11,265	13,570
(1).—Salaries of Superintendents and Assistants	1,357	...	...	3,046
(2).—Allowances, including travelling	85	...	...	169
(3).—Subordinate Superintendents	4,147	...	...	5,565
(4).—Allowances of do., including travelling	106	...	...	885
(5).—Overtime allowances	133	...	...	600
(6).—Office expenses	3,387	...	...	3,105
2nd.—Repairs and renewals of vehicles and machinery	...	...	...	...
Coaching vehicles—(1).—Wages	83,900	93,000	93,408	2,00,000
(2).—Overtime	10,384	...	...	...
(3).—Materials	376	...	...	56,300
Goods vehicles—(1).—Wages	16,603	...	...	...
(2).—Overtime	19,799	...	...	...
(3).—Materials	489	...	...	1,43,700
3rd.—Cleaning carriages and waggons, and oiling	41,249	...	...	...
(1).—Labour, including wages of oilers, carriage cleaners, and examiners	52,197	55,000	55,552	70,000
(2).—Stores, including oil, grease, and other stores for consumption on running vehicles	12,611	...	...	16,800
4th.—Unclassified expenditure	39,586	...	...	53,200
Loss on stores, etc.	...	1,000	1,000	2,000
Deduct sum chargeable to Fire Insurance Fund	...	...	...	2,000
Total...	1,50,312	1,58,000	1,61,225	2,85,370
Total...	1,50,312	1,58,000	1,61,225	2,85,370
<i>Traffic Expenses.</i>				
1st.—Salaries and wages, etc.	...	...	...	...
(a).—General Superintendence—	...	...	...	...
(1).—Traffic Manager, Assistant do., District Superintendents and Traffic Canvassers	3,25,432	3,73,500	3,73,500	4,51,500
(2).—Office establishment	49,467	...	...	56,700
(3).—Travelling allowances	23,456	...	...	31,000
(4).—Contingencies	7,613	...	...	8,900
(b).—Station Staff—	4,378	...	...	14,000
(1).—Station Masters, Clerks, Porters, Points-men, Gatekeepers of level crossings, Signalmen, Station Servants, etc.	...	...	...	...
(c).—Train Staff—	1,95,459	...	...	2,75,400
(1).—Guards and Assistant Guards	...	...	...	...
(2).—Overtime allowances	44,862	...	...	64,500
2nd.—Fuel, lighting, water, and general stores	197	...	...	1,000
(1).—Fires, lights, water and general stores for carriages, stations, offices, etc.	57,488	...	...	...
(2).—Waggon covers, ropes, etc.	29,243	...	...	35,500
(3).—Office and station fittings and furniture	27,116	...	...	33,000
	1,139	...	...	1,500

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General Estimate of Revenue Expenditure on the Madras Railway, etc.—(Continued.)

	Actuals, 1870-71.	Budget Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
Rs.	Rs.	Rs.	Rs.	Rs.
<i>Traffic Expenses.—(Concluded.)</i>				
3rd.—Clothing ...	8,421	7,200	7,200	11,000
For guards, porters, etc.	8,421	...	...	11,000
4th.—Printing, stationery, and tickets	26,854	29,700	29,700	32,000
5th.—Charges for delivery and collection of goods, etc.	...	...	...	...
6th.—Miscellaneous expenses	563	900	900	1,000
7th.—Payments to other lines	39,010	...	...	3,000
(1).—Hire of vehicles	31,659	...	...	...
(2).—Mileage of foreign stock	1,351	...	...	3,000
(3).—Expenses at joint stations	...	...	...	...
8th.—Unclassified expenditure	...	...	...	...
Loss on stores, etc.	...	...	...	...
Total...	4,51,723	4,65,300	4,65,300	5,68,500
Deduct sum chargeable to Fire Insurance Fund	...	...	...	...
Total...	4,51,723	4,65,300	4,65,300	5,68,500
<i>General Charges.</i>				
1st.—Home Expenditure	19,535	10,000	10,000	10,000
(1).—Directors and Secretary or Managing Directors.	16,832	...	...	...
(2).—Auditors and Accountants.	...	...	...	...
(3).—Consulting Engineer and Inspecting Officer's fees and travelling allowances	1,703	...	...	...
(4).—Office expenses	...	...	...	...
2nd.—Salaries of Indian management, including offices	91,800	1,40,000	1,50,000	1,67,975
(1).—Agent's office	11,266	...	...	23,361
(2).—Auditor's do.	29,355	...	...	46,927
(3).—Account's do.	4,728	...	...	7,779
(4).—Paymaster's do.	14,120	...	...	25,549
(5).—Store Department...	9,252	...	...	26,226
(6).—Medical do.	14,439	...	...	28,533
(7).—Rent of buildings and lands	1,191	...	...	2,500
(8).—Contingencies, including furniture and fittings	3,960	...	...	3,500
(9).—Stationery	1,627	...	...	1,600
(10).—Medicine	1,862	...	...	2,000
3rd.—Police	15,373	11,000	20,000	23,510
(1).—Supervision	2,194	...	...	6,760
(2).—Constables	12,378	...	...	14,250
(3).—Contingencies	506	...	...	2,500
4th.—Advertising (all advertisements of all departments)	1,710	3,000	3,000	4,000

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General Estimate of Revenue Expenditure on the Madras Railway, etc.—(Concluded.)

	Actuals, 1870-71.	Budget Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1871-72.
	RS.	RS.	RS.	RS.
<i>General Charges.—(Concluded.)</i>				
5th.—Electric Telegraph ...	48,523	50,000	61,000	1,39,324
(1.)—Salaries of Superintendents and Assistants ...	5,963			8,500
(2.)—Signallers... ..	19,218			26,900
(3.)—Travelling expenses ...	1,506			1,500
(4.)—Office expenses, contingencies, etc. ...	1,836			2,424
(5.)—Maintenance, labour, and stores... ..	19,970			1,00,000
6th.—Clearing accounts with other lines ...	1,093	6,000	6,000	5,000
7th.—Unclassified expenditure ...	1,76,739	2,20,000	2,20,000	3,49,809
Loss on stores, etc. ...				
Deduct sum chargeable to Fire Insurance Fund ...	1,76,739	2,20,000	2,20,000	3,49,809
Total... ..	1,76,739	2,20,000	2,20,000	3,49,809
<i>Special and Miscellaneous Expenditure.</i>				
1st.—Law charges ...	15,414	1,500	2,000	10,000
2nd.—Compensation ...	17,878	500	20,000	10,000
(1.)—For goods lost or damaged ...	17,878			
(2.)—For personal injury ...				
(3.)—For other claims ...				
3rd.—Rates and taxes (including Municipal water rates) ...	1,57,521	1,10,000	90,000	1,00,000
4th.—Contributions to special funds ...	41,454	42,000	42,000	42,000
(1.)—Fire Insurance Fund ...	41,454			
(2.)—Public works Renewal Fund ...				
(3.)—Casualty Fund ...				
Total... ..	2,32,267	1,54,000	1,54,000	1,62,000
Deduct sum chargeable to Fire Insurance Fund ...	15,068			
Total... ..	2,17,199	1,54,000	1,54,000	1,62,000

REVENUE WORKS.

ACCOMPANIMENT TO SCHEDULE G.

Budget Estimate of the Madras Railway for the year 1872-73.

No.	Details.	AMOUNT OF ESTIMATE.			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1870-71.			PROBABLE EXPENDITURE DURING THE YEAR 1871-72.			ESTIMATED EXPENDITURE IN 1872-73.			Estimated Expenditure in future years.	RS.
		Cash out-lay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.		
		RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
	Back verandah to Tripa-	562	464	1,026							562	464	1,026		
	to goods shed ...	4,221		4,221							4,221		4,221		
	Single Engine Driver's	732		732							732		732		
	bugalow at Cuddapah.	350	442	792							350	442	792		
	Two wood stagings at	19,535	9,49,209	9,68,744							4,884	2,16,294	2,21,178	7,47,566	7,47,566
	Condapooram... ..	40,000	10,000	50,000							40,000	10,000	50,000		
	Fixing lightning con-	65,400	9,60,115	10,25,515							50,749	2,27,200	2,77,949	7,47,566	7,47,566
	ductors at Ghooty ...														
	Renewing the line between														
	Muddikerry and Beypore														
	with iron pot sleepers.														
	Works not specially pro-														
	vided for ...														
	Total... ..														

MADRAS,
16th December 1871.

(Signed)

J. GRAMP,
Chief Accountant.

(Signed)

F. CHURCH,
Chief Auditor.

(Signed)

G. R. WALKER, Lieut., R.E.,
Examiner of Railway Accounts.

Proceedings of the Madras Government, Public Works Department,
19th January 1872.

Estimate of cash expenditure in India on the Great Southern of India Railway for the year 1872-73.

CAPITAL ACCOUNT.

CAPITAL OUTLAY.				
	Actuals in 1870-71.	Sanctioned Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
<i>Engineers' Department.</i>				
Sanctioned works as per Schedule A. ...	RS. 28,024	RS. 8,200	RS. 2,000	RS. 3,522
Works to be sanctioned as per Schedule B.				
Open line ...		86,180	5,000	68,583
Southern Extension ...		10,00,000	1,86,776	12,72,250
Minor works as per Schedule C.				195
<i>Locomotive Department.</i>				
Sanctioned work A. ...				
Work to be sanctioned as per Schedule B.	19,106	10,000	6,000	
Establishments and contingencies chargeable to Capital as per general estimate of establish- ments, etc., D. ...	67,070	4,20,000	1,58,395	90,530
Stores as per Schedule E. ...	2,05,036	4,95,000	2,00,000	4,59,396
Total...	4,64,749	20,70,300	5,58,171	22,32,476
Receipts to be credited to Capital Account, Re- funds, etc. ...	1,92,731	1,90,000	5,000	5,000
Net cash demand of the year ...	2,72,018	18,80,300	5,53,171	22,27,476

(Signed) W. S. BETTS,
Agent.

Proceedings of the Madras Government, Public Works Department,
19th January 1872.

SCHEDULE A.

CAPITAL.

Budget Estimate for the year 1872-73.

Number.	AMOUNT OF ESTIMATE.			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1870-71.			PROBABLE EXPENDITURE DURING THE YEAR 1871-72.			ESTIMATED EXPENDITURE IN 1872-73.			Estimated Expendi- ture in future years.
	Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expen- diture.	English Expen- diture.	Total Expen- diture.	Indian Expen- diture.	English Expen- diture.	Total Expen- diture.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
1	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Stations and Buildings.													
Negapatam—Additional roof, Carriage Shop ...	4,387 10	0 13,255 6	0 17,643 0				865 15	0 125 6	0 991 5	3,521 11	0 13,130 0	0 16,651 11	

SCHEDULE B.

CAPITAL.

Budget Estimate for the year 1872-73.

Number.	AMOUNT OF ESTIMATE.			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1870-71.			PROBABLE EXPENDITURE DURING THE YEAR 1871-72.			ESTIMATED EXPENDITURE IN 1872-73.			Estimated Expendi- ture in future years.
	Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expen- diture.	English Expen- diture.	Total Expen- diture.	Indian Expen- diture.	English Expen- diture.	Total Expen- diture.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
1	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Stations and Buildings.													
Negapatam—General Stores Building ...	15,438 5	0 13,066 11	0 28,505 0				5,000 0	0 0		10,438 5	0 13,066 11	0 23,505 0	
Do. Coal Sheds (two) ...	28,035 0	0 1,965 0	0 30,000 0							28,035 0	0 1,965 0	0 30,000 0	
Do. Wharf wall, etc. ...	20,109 6	0 13,598 6	0 33,707 12							20,109 6	0 13,598 6	0 33,707 12	
Total...										58,582 11	0 28,630 1	0 87,212 12	
Reserve to meet unforeseen requirements ...										10,000 0	0 0	0 10,000 0	
Grand Total...										68,582 11	0 28,630 1	0 97,212 12	

SCHEDULE B.

SOUTHERN EXTENSION.

Budget Estimate for the year 1872-73.

Proceedings of the Madras Government, Public Works Department,
19th January 1872.

COUNTY EXTENSION.

Budget Estimate for the year 1872-73.

No.	Detail.	AMOUNT OF ESTIMATE.			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1870-71.			PROBABLE EXPENDITURE DURING THE YEAR 1871-72.			ESTIMATE EXPENDITURE IN 1872-73.			Estimate expenditure in future years.	
		Cash out-lay in India.	Value of English Stores.	Total expenditure.	Indian expenditure.	English expenditure.	Total expenditure.	Indian expenditure.	English expenditure.	Total expenditure.	Indian expenditure.	English expenditure.	Total expenditure.		
I.	Preliminary expenses ...	2,78,017		2,78,017	2,00,541		2,00,541	77,476		77,476					
III.	Construction of Line.														
	1.—Earthwork.														
	District No. 1	71,323		71,323				3,000		3,000	18,000		18,000	50,323	
	Do. 2	47,384		47,384				3,000		3,000	18,000		18,000	26,384	
	Do. 3	61,755		61,755				3,000		3,000	18,000		18,000	40,755	
	Do. 4	70,392		70,392				3,000		3,000	18,000		18,000	49,392	
	Do. 5	54,092		54,092				3,000		3,000	18,000		18,000	33,092	
	Do. 6	38,134		38,134				3,000		3,000	18,000		18,000	17,134	
	Do. 7	52,442		52,442				3,000		3,000	18,000		18,000	31,442	
	Do. 8	45,810		45,810				3,000		3,000	18,000		18,000	24,810	
	Do. 9	47,933		47,933				3,000		3,000	18,000		18,000	26,933	
	Do. 10	45,817		45,817				3,000		3,000	18,000		18,000	24,817	
	Do. 11	48,690		48,690				3,000		3,000	18,000		18,000	27,690	
	Do. 12	28,873		28,873				3,000		3,000	18,000		18,000	7,873	
	Do. 13	49,048		49,048				3,000		3,000	18,000		18,000	28,048	
	Do. 14	51,734		51,734				3,000		3,000	18,000		18,000	30,734	
		7,13,427		7,13,427											
	2.—Bridge work.														
	(1.)—Minor Bridges, etc.														
	District No. 1	43,547	1,854	45,401				500		500	22,500	1,766	26,766	20,635	
	Do. 2	39,243	5,508	44,751				500		500	22,500	5,246	30,246	16,505	
	Do. 3	48,220	5,526	53,746				500		500	22,500	5,263	30,263	25,483	

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Do.	4	...	47,104	1,069	48,173				500		500	22,500	1,018	26,018	24,155
Do.	5	...	65,268	8,262	73,530				500		500	27,000	7,869	37,869	37,161
Do.	6	...	41,603	3,824	45,427				500		500	22,500	3,641	28,641	18,786
Do.	7	...	49,875	3,213	53,088				500		500	22,500	3,060	28,060	27,028
Do.	8	...	25,587	3,763	29,350				500		500	13,500	2,000	17,000	13,350
Do.	9	...	32,373	4,605	36,978				500		500	18,000	2,000	22,000	16,478
Do.	10	...	28,186	2,646	30,832				500		500	13,500	1,000	16,000	15,832
Do.	11	...	36,875	4,161	41,036				500		500	18,000	2,000	22,000	20,536
Do.	12	...	26,050	7,091	33,141				500		500	13,500	3,000	18,000	16,141
Do.	13	...	27,835	3,407	31,242				500		500	13,500	3,245	18,245	13,997
Do.	14	...	52,294	7,972	60,266				500		500	27,000	7,591	37,591	25,175
			5,64,060	62,901	6,26,961										

(2).—Large Bridges.

District No.	1	3	43	...	M. CHS.
Do.	3	1	44	...	
		9	40	...	
		14	45	...	
Do.	4	5	73	...	
		8	42	...	
Do.	7	5	13	...	
Do.	8	5	52	...	
		10	47	...	
		14	10	...	
Do.	9	7	30	...	
		8	31	...	
		13	72	...	
		14	2	...	
Do.	10	2	2	...	
		6	34	...	
		8	30	...	
		8	63	...	
		12	32	...	
Do.	11	0	73	...	
Do.	12	3	27	...	

Budget Estimate for the year 1872-73.—(Continued.)

[illegible]

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[illegible]

Budget Estimate for the year 1872-73—(Continued.)

Budget Estimate for the year 1872-73—(Continued.)																	
Number.	Detail.	AMOUNT OF ESTIMATE.			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1870-71.			PROBABLE EXPENDITURE DURING THE YEAR 1871-72.			ESTIMATE EXPENDITURE IN 1872-73.			Estimate Expenditure in future years.			
		Cash out-lay in India.	Value of English Stores.	Total	Indian Expenditure.	English Expenditure.	Total	Indian Expenditure.	English Expenditure.	Total	Indian Expenditure.	English Expenditure.	Total				
		RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.			
	<i>Dindigul Station and Offices—(Continued.)</i>																
	Goods Warehouse and Loading Bank	8,742	2,572	11,314									450	2,449	2,949	8,415	
	Approaches, etc.	5,165	260	5,425									900	247	1,247	4,278	
	Ammanaikanoor Works	6,868	...	6,868									1,800	...	2,000	5,068	
	Approaches, etc.	5,574	260	5,834									900	247	1,247	4,687	
	Sholavandan do.	7,519	...	7,519									2,250	...	2,500	5,269	
	Approaches, etc.	5,446	260	5,706									900	247	1,247	4,559	
	Madura do.	6,991	...	6,991									1,800	...	2,000	5,191	
	Station-house, etc.	36,331	18,965	55,296									10,800	...	12,000	43,996	
	Goods-shed	13,497	4,919	18,416									4,500	...	5,000	13,916	
	Approaches, etc.	25,406	...	25,406									500	...	500	20,406	
	Trippannacundum do.	9,986	260	10,246									1,800	...	2,000	10,246	
	Tiroomangalum do.	9,944	260	10,204									900	...	1,000	8,404	
	Virduputty do.	6,017	260	6,277									...	...	...	5,377	
	Station Offices	10,164	518	10,712									...	...	...	10,712	
	Goods Warehouse and Loading Bank	7,794	2,572	10,366									...	...	...	10,366	
	Sattoor Minor Works	11,328	260	11,588									...	...	...	8,884	
	Covilputty do.	11,492	260	11,752									...	...	...	9,052	
	Kuddamboor do.	7,364	...	7,364									...	...	...	5,564	
	Approaches	5,770	260	6,030									...	...	...	5,850	
	Maniaches do.	9,169	...	9,169									...	...	...	5,569	
	Approaches	5,761	260	6,024									...	...	...	5,844	
	Thattapalay do.	12,027	260	12,287									...	...	...	7,787	
	Tuticorin do.	5,545	...	5,545									...	...	...	4,645	
	Station-house	33,577	7,438	41,015									...	...	...	32,015	
	Goods-shed	23,648	4,919	28,567									4,500	9,685	19,382	19,382	

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Loading Bank and Godown.	5,627	...	5,627	...	...	...	...	...	...	...	...	...	2,700	...	3,000	2,927	
Approaches, etc.	28,143	...	28,143	...	...	...	...	...	...	...	...	...	4,500	...	5,000	23,143	
Gangoondon Minor Works.	11,321	260	11,581	...	...	...	...	...	...	...	...	...	4,500	...	5,000	7,081	
Thatchanallor do.	7,405	...	7,405	...	...	...	...	...	...	...	...	...	2,700	...	3,000	4,705	
Approaches, etc.	5,667	260	5,927	...	...	...	...	...	...	...	...	...	180	...	200	5,747	
Tinnevely do.	7,071	...	7,071	...	...	...	...	...	...	...	...	...	1,800	...	2,000	5,271	
Station-house and roof	23,062	7,438	30,500	...	...	...	...	...	...	...	...	...	4,500	...	12,000	19,000	
Goods-shed	14,404	4,920	19,324	...	...	...	...	...	...	...	...	...	3,600	...	8,685	11,039	
Approaches	13,853	...	13,853	...	...	...	...	...	...	...	...	...	2,700	...	3,000	11,153	
<i>2.—Workshops Store Buildings, etc.</i>																	
Trichinopoly Engine-shed	38,743	18,394	57,137	...	...	...	...	...	...	...	...	...	28,708	...	49,416	5,911	
Coal-shed, Stage, etc.	11,202	...	11,202	...	...	...	...	...	...	...	...	...	...	...	...	11,202	
Temporary Workshop	6,947	1,542	8,489	...	...	...	...	...	...	...	...	...	4,154	...	6,034	867	
Madura Engine-shed, etc.	46,135	17,690	63,825	...	...	...	...	...	...	...	...	...	...	...	...	63,825	
Coal-shed, Stage, etc.	11,288	...	11,288	...	...	...	...	...	...	...	...	...	9,000	...	...	11,288	
Tuticorin Engine-shed	23,775	7,636	31,411	...	...	...	...	...	...	...	...	...	7,200	...	16,000	26,411	
Coal-shed, Stage, etc.	18,986	...	18,986	...	...	...	...	...	...	...	...	...	1,800	...	8,000	10,886	
Tinnevely Engine-shed	16,958	5,484	22,442	...	...	...	...	...	...	...	...	...	1,800	...	7,222	15,420	
Coal-shed, Stage, etc.	11,626	...	11,626	...	...	...	...	...	...	...	...	...	3,600	...	4,000	8,026	
<i>3.—Staff Quarters.</i>																	
Trichinopoly Minor Works.	2,894	...	2,894	...	...	...	...	...	...	...	...	...	...	...	...	2,894	
Engine Driver's Bungalow	36,703	...	36,703	...	...	...	...	...	...	...	...	...	...	...	...	27,703	
Collatoor Minor Works	5,099	...	5,099	...	...	...	...	...	...	...	...	...	1,000	...	3,855	629	
Manapara do.	5,104	...	5,104	...	...	...	...	...	...	...	...	...	1,000	...	3,860	630	
Yellungacoorchy do.	5,614	...	5,614	...	...	...	...	...	...	...	...	...	1,000	...	2,000	2,814	
Vadamadura do.	2,900	...	2,900	...	...	...	...	...	...	...	...	...	450	...	500	2,450	
Dindigul do.	5,119	...	5,119	...	...	...	...	...	...	...	...	...	3,488	...	3,875	631	
Ammanakanoor do.	5,125	...	5,125	...	...	...	...	...	...	...	...	...	3,493	...	3,881	632	
Sholavandan do.	5,468	...	5,468	...	...	...	...	...	...	...	...	...	3,786	...	4,207	682	
Madura Engine Driver's Bungalow	37,189	...	37,189	...	...	...	...	...	...	...	...	...	...	...	...	37,189	
Tripanacundum Minor Works	3,993	...	3,993	...	...	...	...	...	...	...	...	...	900	...	1,000	2,593	
Tiroomangalam do.	5,097	...	5,097	...	...	...	...	...	...	...	...	...	3,469	...	3,854	628	
Virduputty do.	5,089	...	5,089	...	...	...	...	...	...	...	...	...	3,462	...	3,847	627	
Sattoor do.	5,420	...	5,420	...	...	...	...	...	...	...	...	...	3,745	...	4,161	675	
Covilputty do.	5,077	...	5,077	...	...	...	...	...	...	...	...	...	3,451	...	3,834	626	

Budget Estimate for the year 1872-73—(Concluded.)

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19th January 1872.*

Budget Estimate for the year 1872-73—(Concluded.)																	
Number.	Detail.	AMOUNT OF ESTIMATE.			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1870-71.			PROBABLE EXPENDITURE DURING THE YEAR 1871-72.			ESTIMATE EXPENDITURE IN 1872-73.			Estimate Expenditure in future years.			
		Cash out-lay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.				
															RS.	RS.	RS.
3—Staff Quarters— (Continued.)																	
	Kuddupboor Minor Works.	4,306	...	4,306	...	...	...	...	...	1,000	...	1,000	2,790	...	3,100	516	RS.
	Maniachi do. ...	4,209	...	4,209	...	...	...	...	...	300	...	300	900	...	1,000	3,009	RS.
	Thuttaparay do. ...	4,298	...	4,298	...	...	...	...	...	1,000	...	1,000	2,782	...	3,092	516	RS.
	Tuticorin Minor Works ...	5,237	...	5,237	...	...	...	...	...	300	...	300	900	...	1,000	4,037	RS.
	Engine Driver's Bungalow.	43,933	...	43,933	...	...	...	...	...	1,000	...	1,000	7,200	...	8,000	36,733	RS.
	Gaigoondam Minor Works.	6,968	...	6,968	...	...	...	...	...	300	...	300	450	...	2,778	468	RS.
	Thatchanallor do. ...	2,874	...	2,874	...	...	...	...	...	...	...	...	900	...	500	2,424	RS.
	Tinnevelly do. ...	4,216	...	4,216	...	...	...	...	...	...	...	...	3,600	...	1,000	3,016	RS.
	Engine Driver's Bungalow.	13,018	...	13,018	...	...	...	...	...	...	...	...	...	...	4,000	9,418	RS.
4—Station Machinery.																	
	Trichinopoly Minor Works.	4,539	8,323	12,862	...	...	...	...	...	...	...	...	...	...	...	12,862	RS.
	Collatoor do. ...	113	474	587	...	...	...	...	...	...	...	...	...	...	...	587	RS.
	Tank-house	2,788	3,258	6,046	...	...	...	...	...	...	...	...	180	3,103	3,303	2,763	RS.
	Manapalay Minor Works...	119	473	592	...	...	...	...	...	...	...	...	...	...	...	592	RS.
	Tank-house	2,813	3,258	6,071	...	...	...	...	...	...	...	...	180	3,103	3,303	2,788	RS.
	Yellangacooree Minor Works ...	123	474	597	...	...	...	...	...	...	...	...	...	...	...	597	RS.
	Tank-house	2,829	3,258	6,087	...	...	...	...	...	...	...	...	...	...	...	2,804	RS.
	Vadanadura Minor Works.	113	474	587	...	...	...	...	...	...	...	...	...	...	...	587	RS.
	Tank-house	2,871	3,258	6,129	...	...	...	...	...	...	...	...	180	3,103	3,303	2,846	RS.
	Jindigul Minor Works ...	207	1,078	1,285	...	...	...	...	...	...	...	...	360	3,103	3,503	1,285	RS.
	Tank-house	2,894	3,258	6,152	...	...	...	...	...	...	...	...	...	...	...	2,689	RS.
	Ammanaikanoor Minor Works ...	143	473	616	...	...	...	...	...	...	...	...	...	...	...	616	RS.
	Tank-house	2,926	3,258	6,184	...	...	...	...	...	...	...	...	...	...	...	2,901	RS.
	Sholavandan Minor Works.	149	474	623	...	...	...	...	...	...	...	...	180	3,103	3,303	623	RS.

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Tank-house	3,070	3,258	6,328	...	...	...	...	...	...	...	...	...	180	3,103	3,303	3,045
Madura Minor Works	7,271	11,884	19,155	...	...	...	...	...	...	...	...	...	...	...	...	19,155
Tirpanacundom do.	219	474	693	...	...	...	...	...	...	...	...	...	...	...	...	693
Tiroomungalum do.	111	474	585	...	...	...	...	...	...	...	...	...	...	...	...	585
Tank-house	2,779	3,258	6,037	...	...	...	...	...	...	...	...	...	180	...	200	5,857
Virduputty Minor Works.	181	1,078	1,259	...	...	...	...	...	...	...	...	...	360	...	400	1,259
Tank-house	2,742	3,258	6,000	...	...	...	...	...	...	...	...	...	...	...	...	5,640
Saloor Minor Works	96	473	569	...	...	...	...	...	...	...	...	...	180	...	200	5,569
Tank-house	2,818	3,258	6,076	...	...	...	...	...	...	...	...	...	...	...	...	5,896
Covilputty Minor Works.	89	474	563	...	...	...	...	...	...	...	...	...	...	...	...	563
Tank-house	2,671	3,259	5,930	...	...	...	...	...	...	...	...	...	180	...	200	5,750
Kuddamboor Minor Works.	187	474	661	...	...	...	...	...	...	...	...	...	...	...	...	661
Maniachi do.	78	474	552	...	...	...	...	...	...	...	...	...	...	...	...	552
Tank-house	2,734	3,258	5,992	...	...	...	...	...	...	...	...	...	180	...	200	5,812
Turn-table	2,250	3,150	5,400	...	...	...	...	...	...	...	...	...	...	...	...	5,400
Thuttaparay Minor Works.	74	474	548	...	...	...	...	...	...	...	...	...	...	...	...	548
Tank-house	2,713	3,259	5,972	...	...	...	...	...	...	...	...	...	180	...	200	5,792
Tuticorin Minor Works	6,200	6,828	13,028	...	...	...	...	...	...	...	...	...	...	...	...	13,028
Turn-tables	3,238	3,150	6,388	...	...	...	...	...	...	...	...	...	...	...	...	6,388
Gaigoondam Minor Works.	82	474	556	...	...	...	...	...	...	...	...	...	...	...	...	556
Tank-house	2,640	3,258	5,898	...	...	...	...	...	...	...	...	...	180	3,103	3,303	2,615
Thatchanallor Minor Works	191	474	665	...	...	...	...	...	...	...	...	...	...	...	...	665
Works do.	4,915	6,829	11,744	...	...	...	...	...	...	...	...	...	...	...	...	11,744
Tinnevelly do.	2,302	3,150	5,452	...	...	...	...	...	...	...	...	...	...	3,000	3,000	2,452
Turn-tables	10,11,125	2,19,949	12,31,074	...	...	...	...	...	24,400	...	24,400	...	24,400	24,400	24,400	8,85,352
Total...	1,00,272	60,988	1,61,260	...	60,988	60,988	10,500	10,500	...	...	...	...	80,795	...	89,772	8,977
VI. Electric Telegraph	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
VII. Plant—	1,22,000	96,319	2,18,319	...	...	...	...	...	10,000	...	10,000	...	70,000	50,000	1,20,000	88,319
1, Engineering office	75,000	37,900	1,13,500	...	...	...	...	...	5,000	...	5,000	...	10,000	...	10,000	98,500
4, Station and furniture	1,97,600	1,34,219	3,31,819	...	...	...	...	...	15,000	...	15,000	...	80,000	50,000	1,30,000	1,86,819
Total...	3,88,404	...	3,88,404	...	...	...	...	...	...	...	...	...	...	...	...	3,88,404
IX. Maintenance	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TRICHINOPOLY,
27th October 1871.

(Signed) D. LOGAN,
Chief Engineer.

(Signed) W. S. BETTS,
Agent.

SCHEDULE B.
LOCOMOTIVE DEPARTMENT.
Budget Estimate of the Great Southern of India Railway for the year 1872-73.

No.	Details.	AMOUNT OF ESTIMATE.		EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1870-71.		PROBABLE EXPENDITURE DURING THE YEAR 1871-72.		ESTIMATED EXPENDITURE IN 1872-73.		Estimated Expenditure in future years.
		Cash outlay in India.	Value of English Stores.	Indian Ex. penditure.	English Ex. penditure.	Total Ex. penditure.	Indian Ex. penditure.	English Ex. penditure.	Total Ex. penditure.	
1	Locomotives ...	Rs. 30,000	Rs. 7,30,000	Rs. 7,30,000	Rs. 7,30,000	Rs. 7,30,000	Rs. 7,30,000	Rs. 7,30,000	Rs. 7,30,000	Rs. 6,62,500
2	Five-ton travelling crane ...	30	1,500	1,500	1,500	1,500	1,500	1,500	1,500	13,251
3	Composite carriages ...	1	8,900	8,900	8,900	8,900	8,900	8,900	8,900	30,000
4	Third class do. ...	8	27,200	27,200	27,200	27,200	27,200	27,200	27,200	17,550
5	Passenger brake vans ...	50	11,700	11,700	11,700	11,700	11,700	11,700	11,700	4,350
6	Horse boxes ...	13	4,100	4,100	4,100	4,100	4,100	4,100	4,100	1,29,875
7	Carriage trucks ...	6	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,200
8	Goods brake vans ...	2	480	480	480	480	480	480	480	2,000
9	Covered goods waggons ...	6	2,180	2,180	2,180	2,180	2,180	2,180	2,180	80,000
10	Ballast waggons ...	150	1,03,220	1,03,220	1,03,220	1,03,220	1,03,220	1,03,220	1,03,220	67,500
11	Timber trucks ...	50	9,000	9,000	9,000	9,000	9,000	9,000	9,000	75,000
12	Gun powder van ...	9	2,620	2,620	2,620	2,620	2,620	2,620	2,620	
13	Salt trucks ...	1	400	400	400	400	400	400	400	
14	High-sided open goods ...	40	26,150	26,150	26,150	26,150	26,150	26,150	26,150	
15	Cotton trucks ...	100	42,350	42,350	42,350	42,350	42,350	42,350	42,350	
16	Total...	3,16,350	9,66,450	12,82,800						

SCHEDULE C.
CAPITAL.
Budget Estimate for the year 1872-73.

No.	Details.	AMOUNT OF ESTIMATE.		EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1870-71.		PROBABLE EXPENDITURE DURING THE YEAR 1871-72.		ESTIMATED EXPENDITURE IN 1872-73.		Estimated Expenditure in future years.
		Cash outlay in India.	Value of English Stores.	Indian Ex. penditure.	English Ex. penditure.	Total Ex. penditure.	Indian Ex. penditure.	English Ex. penditure.	Total Ex. penditure.	
1	Trichinopoly Water Pipes, etc. ...	Rs. 107	Rs. 500	Rs. 500	Rs. 14 10 4	Rs. 14 10 4	Rs. 14 10 4	Rs. 14 10 4	Rs. 14 10 4	Rs. 500
	Total...									Rs. 500

SCHEDULE D.
CAPITAL AND REVENUE.

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19th January 1872.

Budget Estimate of Establishment and Contingencies for the year 1872-73.

NUMBER.		Details.	Monthly salary of Office.	ESTIMATE, 1871-72.				ESTIMATE, 1872-73.			
1871-72.	1872-73.			Per Mensem.	Per Annum.	Distribution of Charges.		Per Mensem.	Per Annum.	Distribution of Charges.	
						Capital.	Revenue.			Capital.	Revenue.
		<i>Direction.</i>	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
1	1	Agent and Traffic Manager	1,363 10 2	1,363 10 2	16,363 0 0						
1	1	Chief Auditor	400 0 0	400 0 0	4,800 0 0						
1	1	Consulting Physician	100 0 0	100 0 0	1,200 0 0						
3	3	Apothecaries	220 0 0	220 0 0	2,640 0 0						
1	1	Chief Clerk	250 0 0	250 0 0	3,000 0 0						
1	1	Stock-taker	200 0 0	200 0 0	2,400 0 0						
1	1	Clerk	200 0 0	200 0 0	2,400 0 0						
4	4	Clerks	100 0 0	400 0 0	4,800 0 0						
66	66	Do.	Varies.	2,130 0 0	25,560 0 0						
43	43	Peons, Watchmen, etc.	do.	346 0 0	4,152 0 0						
1	1	Chief Accountant	500 0 0	500 0 0	6,000 0 0						
1	1	General Storekeeper	500 0 0	500 0 0	6,000 0 0						
		Travelling allowances			1,000 0 0						
		Total, Direction...				36,815 0 0	31,500 0 0	68,315 0 0			86,503 0 0
		<i>Traffic Department.</i>									
1	1	Assistant Traffic Manager	500 0 0	500 0 0	6,000 0 0						
74	74	Clerks	Varies.	100 0 0	1,200 0 0						
13	13	Guards	435 0 0	435 0 0	5,220 0 0						
2	2	Inspectors	do.	40 0 0	480 0 0						
74	74	Station Clerks	do.	1,333 5 4	16,000 0 0						
160	160	Porters, etc.	do.	1,083 5 4	13,000 0 0						
		Travelling allowances			960 0 0						
		Total, Traffic Department...				42,860 0 0	42,860 0 0	85,720 0 0			146,760 0 0
		<i>Electric Telegraph Department.</i>									
23	23	Signallers	Varies.	443 12 0	5,320 0 0						

Budget Estimate of Establishment and Contingencies for the year 1872-73.—(Continued.)

*Proceedings of the Madras Government, Public Works Department,
19th January 1872.*

1871-72. 1872-73.		Details.		Monthly salary of Office.		ESTIMATE, 1871-72.		ESTIMATE, 1872-73.		Distribution of Charges.		Per Mensem.		Per Annum.		Distribution of Charges.		Total.	
						</													

*Proceedings of the Madras Government, Public Works Department,
19th January 1872.*

Signed) W. S. BETTS, Agent.

SCHEDULE E.

Budget Estimate of Expenditure on Stores for the Great Southern of India Railway during 1872-73.

[illegible]

Proceedings of the Madras Government, Public Works Department,
19th January 1872.

REVENUE ACCOUNT.

Estimate of Revenue of the Great Southern of India Railway for the year 1872-73.

	Actuals in 1870-71.	Sanctioned Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
<i>Receipts as per Schedule F.</i>				
Coaching traffic	RS. 4,30,786	RS. 8,25,000	RS. 4,20,000	RS. 4,30,000
Goods traffic	3,16,541		2,80,000	4,25,000
Electric telegraph earnings	3,958		3,800	3,800
Sundries...	13,936		8,000	8,000
Total Receipts...	7,65,221	8,25,000	7,11,000	8,66,800
<i>Expenditure as per Schedule G.</i>				
Maintenance of Way, Works and Stations	1,09,639	1,36,500	1,16,850	1,63,104
Locomotive expenses	1,68,499	2,05,200	1,60,550	2,25,150
Carriage and waggon expenses...	26,065	28,800	27,460	31,200
Traffic expenses	67,553	85,700	64,870	71,770
General charges	54,686	40,600	55,750	65,826
Special and Miscellaneous Expenditure	21,778	27,200	17,650	17,650
Total Expenditure...	4,48,220	* 5,24,000	4,43,130	5,74,700
Balance...	3,17,001	3,01,000	2,67,870	2,92,100

* Passed in round numbers, Rs. 5,00,000.

SCHEDULE F.

General Estimate of Traffic Receipts of the Great Southern of India Railway for
1872-73.

	Miles.
Number of miles open for traffic on 1st April 1871	163
Expected to be open during 1871-72	0
Expected to be open during 1872-73	168
Total on 1st April 1872...	0
Total likely to be open at end of 1872-73...	168
Average number of miles expected to be open during the whole of 1872-73.	168

	Actuals, 1870-71.	Budget Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
<i>Receipts as per Schedule F.</i>				
Coaching traffic...	RS. 4,30,786	RS. 8,25,000	RS. 4,20,000	RS. 4,30,000
Goods traffic	3,16,541		2,80,000	4,25,000
Electric telegraph earnings	3,958		3,800	3,800
Sundries	13,936		8,000	8,000
Total...	7,65,221	8,25,000	7,11,000	8,66,800

Proceedings of the Madras Government, Public Works Department,
19th January 1872.

SCHEDULE G.
General Estimate of Revenue Expenditure for 1872-73.

	Actuals 1870-71.	Budget Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
<i>MAINTENANCE OF WAY, WORKS, AND STATIONS.</i>				
Salaries, Office Expenses, and General Superintendence.	RS. A. P.	RS.	RS.	RS.
Engineers' salaries	5,119 15 10	6,300	8,000	10,800
Allowances, including travelling expenses of all kinds	329 11 3	400	700	810
Subordinate Superintendents	8,819 7 0	10,960	8,000	8,400
Allowance of do.	540 0 0	670	900	
Overtime allowances				
Office expenses	5,479 2 8	6,810	6,000	7,257
Maintenance and renewals of Permanent-way.				
Wages	40,988 8 11	57,700	41,000	43,864
Materials	34,531 8 6	48,600	41,000	76,473
Repairs of Bridges, etc., Wages and Material.				
Bridges and tunnels	793 12 9	350	350	1,500
Miscellaneous, including earthwork, roads, fencing, etc.	3,673 1 10	1,650	1,650	4,000
Repairs of Station and Buildings, Wages and Material.				
Repairs of buildings of every description except staff quarters	4,523 12 2	870	6,000	5,000
Repairs of staff quarters	677 1 4	130	600	1,500
Unclassified Expenditure.				
Plantations	2,813 5 11	1,350	2,000	1,500
Tools and Plant...	790 7 10	380	380	2,000
Miscellaneous	559 4 10	270	270	
<i>LOCOMOTIVE EXPENSES.</i>				
General Superintendence.				
Salaries of Locomotive Superintendents and Assistants	4,182 14 0	3,580	4,800	5,520
Allowance of do., including travelling allowance	566 1 7	480	720	700
Subordinate Superintendents	14,551 7 3	12,440	14,500	16,308
Allowance of do., including travelling allowance...	1,708 14 11	1,460	1,460	1,500
Overtime allowances	300 9 0	250	250	250
Office expenses	5,139 5 9	4,390	5,200	6,096

General Estimate of Revenue Expenditure for 1872-73.—(Continued.)

Proceedings of the Madras Government, Public Works Department, 19th January 1872.									
LOCOMOTIVE EXPENSES.—(Concluded.)									
Running Expenses (wages connected with working of Locomotive Engines.)									
Wages of Drivers and Firemen...									
All labour allowances...									
Contingent expenses, including fueling, cleaning, and looking after engines in yard...									
Contingent expenses, including clothing and travelling expenses ...									
Fuel.									
Coal									
Patent fuel									
Wood									
Water including wages and stores									
Oil, tallow, and other stores (expended on engines in work)									
Maintenance and Renewals of Locomotive Engines and Machinery.									
Wages									
Overtime allowances									
Materials									
Unclassified expenditure									
CARRIAGE AND WAGON EXPENSES.									
General Superintendence.									
Salaries of Superintendents and Assistants									
Allowances, including travelling									
Subordinate Superintendents									
Allowances of do., including travelling									
Overtime allowances									
Office expenses									
Actuals, 1870-71.									
Budget Estimate, 1871-72.									
Regular Estimate, 1871-72.									
Budget Estimate, 1872-73.									
RS. A. P. RS. RS. RS.									
28,414	13	0	32,720	1,00,000	28,000	56,538			
4,963	0	0	5,710	6,000	30,000	34,782			
3,100	1	0	3,570	4,000	7,000	8,680			
.....									
65,807	9	9							
3,907	4	1							
2,603	14	9							
.....									
2,944	3	7							
3,586	6	0							
.....									
6,051	7	7							
204	15	3							
20,466	1	9							
.....									
566	9	0							
48	14	5							
1,533	4	6							
0	9	1							
13	3	0							
598	14	0							

Repairs and renewals of Vehicles and Machinery.

Repairs and renewals of Vehicles and Machinery.									
Coaching Vehicles	...	...	...	...	...	...	...	...	...
Goods Vehicles	...	...	...	...	...	...	...	...	...
Cleaning Carriages and Waggon and Oiling.									
Labour, including wages of Oilers, Carriage Cleaners, and Examiners	...	...	...	...	...	...	...	...	...
Stores, including oil, grease, and other stores for consumption on running vehicles.	...	...	...	...	...	...	...	...	...
Unclassified expenditure	...	...	...	...	...	...	...	...	...
TRAFFIC EXPENSES.									
Salaries, Wages, etc., General Superintendence.									
Traffic Manager, Assistant do., District Superintendents, and Traffic Canvasers.	...	...	...	...	...	...	...	...	...
Office establishment	...	...	...	...	...	...	...	...	...
Contingencies	...	...	...	...	...	...	...	...	...
Travelling allowances	...	...	...	...	...	...	...	...	...
Station Staff—									
Station Masters, Clerks, Porters, Pointsmen, Gatekeepers of level crossings	...	...	...	...	...	...	...	...	...
Signalmen, station servants, etc.	...	...	...	...	...	...	...	...	...
Train Staff—									
Guards and Assistant Guards	...	...	...	...	...	...	...	...	...
Overtime allowances	...	...	...	...	...	...	...	...	...
Fuel, Lighting, Water, and General Stores—									
Fires, lights, water and general stores for carriages, stations, offices, etc.	...	...	...	...	...	...	...	...	...
Waggons, covers, ropes, etc.	...	...	...	...	...	...	...	...	...
Office and station fittings and furniture	...	...	...	...	...	...	...	...	...
Clothing—									
For Guards, Porters, etc.	...	...	...	...	...	...	...	...	...
Printing, Stationery, and Tickets	...	...	...	...	...	...	...	...	...
Charges for delivery and collection of goods, etc.	...	...	...	...	...	...	...	...	...
Miscellaneous expenses	...	...	...	...	...	...	...	...	...
Payments to other lines									
Hire of vehicles	...	...	...	...	...	...	...	...	...

General Estimate of Revenue Expenditure for 1872-73.—(Concluded.)

<i>Proceedings of the Madras Government, Public Works Department, 19th January 1872.</i>			
	Actuals, 1870-71.	Budget Estimate, 1871-72.	Regular Estimate, 1871-72.
<i>Payment to other lines.—(Concluded.)</i>			
Mileage of foreign stock	RS. A. P.	RS.	RS.
Expenses at joint stations	1,256 4 4	2,000	1,500
GENERAL CHARGES.	11,767 15 7	16,000	12,000
<i>Home Expenditure—</i>			
Directors and Secretary or Managing Director	12,916 5 10	4,880	15,000
Auditors and Accountants	6,698 2 7	2,530	4,000
Consulting Engineer and Inspecting Officers' fees and travelling allowances	1,577 12 0	590	1,500
Office expenses			
Salaries of Indian management, including Officers—			
Agent's Office	20,737 11 5	20,700	30,000
Auditor's	3,809 15 6	3,800	7,000
Accountant's			
Paymaster's			
Store Department			
Medical Department (included in agency)			
Rents of buildings and lands			
Contingencies, including furniture and fittings			
Stationery			
Medicine			
Advertising			
Electric Telegraph—			
Salaries of Superintendents and Assistants			
Signalers			
Travelling expenses			
Office expenses, contingencies, etc.			
Maintenance, labour, and stores			
Unclassified expenditure			
	7,329 15 2	6,200	6,500
		200	200

SPECIAL AND MISCELLANEOUS EXPENDITURE.

Law charges	126 0 0	400	250	25
Compensation—				
For goods lost or damaged	221 2 8	400	400	400
For personal injury				
For other claims				
Rates and taxes	10,609 12 11	16,400	7,000	7,000
Contributions to Special Funds—				
Fire Insurance Fund	10,000 0 0	10,000	10,000	10,000
Miscellaneous	820 15 3			
		5,24,000		
		24,000		
Deducted by the Government of India	4,48,220 11 3	5,00,000	4,43,130	5,74,700

NEGAPATAM,
October 1871.

(Signed) W. S. BETTS,
Agent.

SUMMARY CAPITAL ACCOUNT.

Estimate of Cash Expenditure in India on the Carnatic Railway for the year 1872-73.

	Actual in 1870-71.	Sanctioned Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
CAPITAL OUTLAY.	RS.	RS.	RS.	RS.
Engineer's Department.				
Sanctioned works as per Schedule A.	86,313	7,53,000	1,18,678	60,772
Works to be sanctioned as per Schedule B.		1,20,000		15,64,000
Establishments chargeable to Capital as per general estimate of establishment D.		30,000	1,05,895	3,23,031
Stores as per Schedule E.	15,886		17,000	1,00,000
Total...		9,03,000	2,41,573	20,47,803

(Signed) G. R. WALKER, Lieutenant, R.E.,
Offg. Examiner of Railway Accounts.

(Signed) J. T. FISHER,
Agent and Manager.

General Estimate of Revenue Expenditure for 1872-73.—(Concluded.)

Proceedings of the Madras Government, Public Works Department,
19th January 1872.

	Actuals, 1870-71.		Budget Estimate, 1871-72.		Regular Estimate, 1871-72.		Budget Estimate, 1872-73.	
	RS.	A. P.	RS.	P.	RS.	P.	RS.	P.
Payment to other lines.—(Concluded.)								
Mileage of foreign stock	...	...	...	...	...	...	...	...
Expenses at joint stations	...	...	...	...	...	...	...	...
GENERAL CHARGES.								
Home Expenditure—								
Directors and Secretary or Managing Director	...	...	...	...	...	...	...	...
Auditors and Accountants	...	...	...	...	...	...	...	...
Consulting Engineer and Inspecting Officers' fees and travelling allowances...	...	...	...	...	...	...	...	...
Office expenses	...	...	...	...	...	...	...	...
Salaries of Indian management, including Officers—								
Agent's Office	12,916	5 10	4,880		12,000		15,000	
Auditor's	6,698	2 7	2,530		3,200		4,000	
Account's	1,577	12 0	590		1,000		1,500	
Paymaster's	...	...	...		...		...	
Store Department	20,737	11 6	20,700		25,000		30,000	
Medical Department (included in agency)	3,809	15 6	3,800		6,500		7,000	
Rents of buildings and lands	...	...	...		...		...	
Contingencies, including furniture and fittings	...	...	...		...		...	
Stationery	750	12 7	750		750		26	
Medicine	608	7 11	600		600		750	
Advertising	159	8 6	150		150		600	
Electric Telegraph—								
Salaries of Superintendents and Assistants	97	5 6	200		100		150	
Signallers	...	...	...		...		...	
Travelling expenses	...	...	...		...		...	
Office expenses, contingencies, etc.	...	...	...		...		...	
Maintenance, labour, and stores	...	...	...		...		...	
Unclassified expenditure	7,329	15 2	6,200		6,200		6,500	
	...	...	200		200		200	

Proceedings of the Madras Government, Public Works Department,
19th January 1872.

SPECIAL AND MISCELLANEOUS EXPENDITURE.		(Signed) W. S. BETTS, Agent.	
Law charges	126 0 0	400	250
Compensation—			
For goods lost or damaged	...	...	...
For personal injury	221 2 8	400	400
For other claims	...	...	...
Rates and taxes	10,609 12 11	16,400	7,000
Contributions to Special Funds—			
Fire Insurance Fund	10,000 0 0	10,000	10,000
Miscellaneous	820 15 3	...	...
Deducted by the Government of India	4,48,220 11 3	5,00,000	4,43,130
		5,24,000	5,74,700
		24,000	

NEGAPATAM,
October 1871.

SUMMARY CAPITAL ACCOUNT.

Estimate of Cash Expenditure in India on the Carnatic Railway for the year 1872-73.

	Actual in 1870-71.	Sanctioned Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
RS.	RS.	RS.	RS.	RS.
CAPITAL OUTLAY.				
Engineer's Department.				
Sanctioned works as per Schedule A.	86,313	...	1,18,678	60,772
Works to be sanctioned as per Schedule B.	...	7,53,000	...	15,64,000
Establishments chargeable to Capital as per general estimate of establishment D.	...	1,20,000	1,05,895	3,23,031
Stores as per Schedule E.	15,886	30,000	17,000	1,00,000
Total...	...	9,03,000	2,41,573	20,47,803

(Signed) G. R. WALKER, Lieutenant, R.E.,
Offg. Examiner of Railway Accounts.

(Signed) J. T. FISHER,
Agent and Manager.

SCHEDULE A.

CAPITAL.

Budget Estimate of the Carnatic Railway for the year 1872-73.

*Proceedings of the Madras Government, Public Works Department,
19th January 1872.*

	AMOUNT OF ESTIMATE.			EXPENDITURE UP TO DATE OF OFFICIAL YEAR 1870-71.			PROBABLE EXPENDITURE DURING THE YEAR 1871-72.			BUDGET ESTIMATE IN 1872-73.			Estimated expenditure in future years.
	Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
<i>Preliminary Expenses.</i>													
Survey of line from Conjevaram and Madras to Cuddalore, and from Panrooky to the Coleroon ...	1,64,991	...	1,64,991	86,313	25,939	1,12,252	78,678	...	78,678	...	...	...	...
Establishment for three months additional	...	...	...	...	...	...	25,386	...	25,386	50,772	...	50,772	...
Home expenditure	...	...	...	...	...	...	...	20,000	20,000	...	10,000	10,000	...
Labour, materials, pegs, medicines, etc. ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Instruments	...	...	...	...	...	...	2,200	...	2,200	...	...	...	...
Stores	...	...	...	...	...	...	1,500	...	1,500	...	...	...	...
Office rent ...	...	...	...	...	...	...	2,000	...	2,000	...	...	...	...
Contingencies	...	...	...	...	...	...	1,355	...	1,355	...	...	...	...
Difference between amount sanctioned and actually expended to 31st March 1871 ...	...	...	...	...	...	...	788	...	788	10,000	...	10,000	...
Total...	1,64,991	1,64,991	86,313	25,939	1,12,252	1,18,678	6,771	20,000	1,38,678	60,772	10,000	70,772	...

SCHEDULE B.

CAPITAL.

Budget Estimate of the Carnatic Railway for the year 1872-73.

*Proceedings of the Madras Government, Public Works Department,
19th January 1872.*

Detail.	AMOUNT OF ESTIMATE.			PROBABLE EXPENDITURE DURING THE YEAR 1871-72.			ESTIMATED EXPENDITURE IN 1872-73.			Estimate Expenditure in future years.	Remarks.
	Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.		
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
<i>Works of Construction Railway from Madras to Cuddalore.</i>											
Earthwork (tools) ...	8,18,160	60,000	{ 5,14,560	...	...	...	1,71,500	...	1,71,500	...	Proposed by the Com. auditing Engineer.
Masonry ...	...	...	{ 3,63,600	...	...	...	8,000	...	8,000	...	1,71,500
Iron Bridges (small) ...	60,000	1,20,000	1,80,000	...	...	...	6,000	...	6,000	...	8,000
Do. (large) ...	2,42,280	4,80,000	7,22,280	...	...	...	1,60,000	2,18,800	3,78,800	...	6,000
Terminal Works... {	3,92,000	2,40,000	{ 5,00,000	...	...	...	1,50,000	...	1,50,000	...	1,00,000
Stations ... {	...	...	{ 1,32,000	...	...	...	44,000	...	44,000	...	1,00,000
Ballasting ...	2,40,000	...	2,40,000	...	...	...	40,000	...	40,000	...	44,000
Permanent Way ...	5,28,000	22,80,000	28,08,000	...	...	...	8,28,000	11,26,300	19,54,400	...	...
Telegraph and Fencing...	44,400	1,44,000	1,88,400	...	...	...	56,400	2,51,100	3,07,500	...	20,000
Rolling Stock ...	2,40,000	7,20,000	9,60,000	...	...	...	...	3,39,800	3,39,800	...	...
Superintendence ...	8,39,040	...	8,39,040	...	...	...	...	...	...	...	...
Contingencies ...	7,42,788	...	7,42,788	...	...	...	1,00,000	...	1,00,000	...	23,500
Total...	41,46,668	40,44,000	81,90,668	...	...	...	15,64,000	19,36,000	35,00,000	...	4,73,000

SCHEDULE D.
Budget Estimate of Establishment of the Carnatic Railway Company (Limited) for the year 1872-73.

NUMBER.

Detail.

ESTIMATE, 1871-72.

ESTIMATE, 1872-73.

Proceedings of the Madras Government, Public Works Department,
19th January 1872.

1871-72	1872-73	Detail.	Monthly salary of office.			Per mensem.			Per annum.			Distribution of charges.			Distribution of charges.		
			RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	Capital.	Revenue.	Total.	Capital.	Revenue.	Total.
1	1	<i>Direction.</i>															
...	...	Agent and Manager	1,000	0	0	1,000	0	0	12,000	0	0	10,020	1,980	12,000	10,440	1,560	12,000
...	...	Secretary to do.	375	0	0	375	0	0	4,500	0	0	3,915	585	4,500	3,915	585	4,500
...	...	Book-keeper	200	0	0	200	0	0	2,400	0	0	2,004	396	2,400	2,004	396	2,400
...	...	Accountant	130	0	0	130	0	0	1,516	0	0	1,303	257	1,560	1,303	257	1,560
9	16	Office Establishment	97	0	0	97	0	0	1,164	0	0	972	192	1,164	972	192	1,164
12	20	<i>Total, Direction...</i>				1,427	0	0	17,124			14,299	2,825	17,124	12,619	3,081	23,700
1	1	<i>Engineering.</i>															
24	35	Chief Engineer, with allowances	1,200	0	0	1,200	0	0	14,400	0	0	14,400		14,400	14,400		14,400
2	4	Office Establishment	849	0	0	849	0	0	10,188	0	0	8,400	1,788	10,188	8,400	1,788	10,188
2	4	1st Class Assistants	632	0	0	632	0	0	7,584	0	0	6,320	1,264	7,584	6,320	1,264	7,584
2	2	2nd "	465	0	0	465	0	0	5,580	0	0	4,650	930	5,580	4,650	930	5,580
3	3	3rd "	250	0	0	250	0	0	3,000	0	0	2,500	500	3,000	2,500	500	3,000
73	8	Sub-Assistant Engineers	269	8	0	269	8	0	3,232	8	0	2,698	534	3,232	2,698	534	3,232
20	242	Engineering Assistants							7,632			690	8,322	11,160	690	8,322	11,160
...	...	Subordinate Establishment.							9,660			2,160	11,820	8,554	2,160	11,820	8,554
10	10	Chief Engineering Workshop	7,800	8	0	7,800	8	0	93,600	8	0	2,850	93,606	21,543	2,850	93,606	21,543
137	320	Do. Stores							90,756					650			650
...	...	Total, Engineering Dept....	650	0	0	650	0	0	7,800	0	0	690	8,322	11,160	690	8,322	11,160
1	1	<i>Locomotive Department.</i>															
10	46	Superintendent	357	8	0	357	8	0	4,284	8	0	3,570	714	4,284	3,570	714	4,284
...	...	Assistant do.										1,578	1,578	2,553	1,578	2,553	2,553
11	48	Subordinate Establishment.										2,268	2,268	3,569	2,268	3,569	3,569
...	...	Total, Locomotive Dept....										2,268	2,268	3,569	2,268	3,569	3,569

Proceedings of the Madras Government, Public Works Department,
19th January 1872.

1871-72	1872-73	Detail.	Monthly salary of office.			Per mensem.			Per annum.			Distribution of charges.			Distribution of charges.		
			RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	Capital.	Revenue.	Total.	Capital.	Revenue.	Total.
1	1	<i>Traffic Department.</i>															
25	20	Superintendent	57	8	0	57	8	0	690	8	0	690	1,656	1,656	690	1,656	1,656
1	1	Station Masters, etc.	12	0	0	12	0	0	144	0	0	1,656	144	1,800	1,656	144	1,800
...	...	Guards												20			20
27	22	<i>Total, Traffic Dept...</i>										2,490	2,490	2,850	2,490	2,850	2,850
1	1	<i>Stores Department.</i>															
...	...	Store-keeper	57	8	0	57	8	0	690	8	0	288	690	300	288	690	300
3	20	Assistant do.	100	0	0	100	0	0	1,200	0	0			100			100
...	...	Subordinate Establishment.										186	564	300	186	564	300
4	22	<i>Total, Store Department...</i>										414	1,254	700	414	1,254	700
...	...	Total...							1,05,895			10,847	1,16,742		10,847	1,16,742	

*Proceedings of the Madras Government, Public Works Department,
19th January 1872.*

SCHEDULE E.
Budget Estimate of Expenditure on Stores for the Carnatic Railway during 1872-73.

Details.	ACTUAL PURCHASE DURING 1870-71.			PURCHASES DURING 1871-72.		PURCHASES DURING 1872-73.	
	Quantity.	Amount.			Quantity.	Amount.	Total.
<i>In India.</i>		RS.	A.	P.		RS.	
Timber, Tools, Oil, etc...		15,886	1	6		17,000	1,00,000
<i>In England.</i>							
Drawing materials, etc...		2,165	6	8			
Rolling stock							
Permanent-way							
Large bridges						3,39,800	
Telegraph roofing						11,26,300	
Tools, etc.						2,18,800	
Total...		18,051	8	2		2,51,100	19,36,000

Actual balance of Stores on hand on 1st April 1871		RS.	A.	P.
Estimated purchases during 1871-72.	57,113	1	2	
Estimated issues during 1871-72	17,000	0	0	
Estimated balance on 1st April 1872	74,113	1	2	
Do. purchase during 1872-73	18,000	0	0	
Estimated issues do.	56,113	1	2	
Estimated balance on 1st April 1873	20,36,000	0	0	
Estimated issues do.	20,92,113	1	2	
Estimated balance on 1st April 1873	20,40,000	0	0	
	52,113	1	2	

SUMMARY OF REVENUE ACCOUNT.
Estimate of Revenue of the Carnatic Railway for the year 1872-73.

	Actuals in 1870-71.	Sanctioned Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
<i>Receipts as per Schedule F.</i>	RS. A. P.	RS.	RS.	RS.
Coaching traffic	30,183	5	6	37,300
Goods traffic	3,606	3	2	3,500
Electric Telegraph earnings	46	10	8	100
Sundries	522	2	11	100
Total Receipts...	34,358	6	3	41,000
<i>Expenditure as per Schedule G.</i>				
Maintenance of way, etc.	6,366	6	10	6,000
Locomotive expenses	7,793	12	5	7,800
Carriage and waggon expenses	985	15	3	1,000
Traffic expenses	3,750	14	11	3,800
General charges	16,822	9	0	8,851
Special and Miscellaneous Expenses	1,498	8	4	1,000
Total Expenditure...	37,218	3	2	28,451
Balance...	2,859	12	11	12,549

* Includes Home expenditure on establishment, say, Rupees 5,000.

(Signed) G. R. WALKER, Lieutenant, R.E.,
Offg. Govt. Examiner of Railway Accounts.

(Signed) J. T. FISHER,
Agent and Manager.

*Proceedings of the Madras Government, Public Works Department,
19th January 1872.*

SCHEDULE F.
General Estimate of Traffic Receipts of the Carnatic Railway for 1872-73.

Number of miles open for traffic on 1st April 1871		Miles.
Expected to be open during 1871-72		19
Total on 1st April 1872...		19
Expected to be open during 1872-73		19
Total likely to be opened at end of 1872-73		19
Average number of Miles expected to be open during the whole of 1872-73.		19

	Actuals, 1870-71.	Budget Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
	RS. A. P.	RS.	RS.	RS.
Coaching traffic	30,183	5	6	37,300
Goods traffic	3,606	3	2	3,500
Electric Telegraph earnings	46	10	8	100
Sundries	522	2	11	100
Total...	34,358	6	3	41,000

SCHEDULE G.
General Estimate of Revenue Expenditure on the Carnatic Railway for 1872-73.

	Actuals, 1870-71.	Budget Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
	RS. A. P.	RS.	RS.	RS.
<i>Maintenance of Way, Works, and Stations.</i>				
Engineers' salaries				800
Allowances of do.				50
Office expenses		2,600		50
Wages				3,000
Materials		5,000		1,500
Bridges and tunnels				200
Miscellaneous, including earthwork, roads, fencing, etc.				200
Repairs of buildings of every description, including station yards and signals, but excepting quarters of the staff		500		200
Total...	6,366	6	10	6,000
<i>Locomotive Expenses.</i>				
Allowances of Superintendents, including travelling allowances				800
Overtime allowances		3,500		50
Office expenses				50
Wages of Drivers and Firemen				800
Overtime allowances		700		300
Contingent expenses, including clothing and travelling expenses				50
Fuel		3,800		4,000
Water		200		250
Oil, tallow, and other stores		400		600
<i>Maintenance and Renewals of Locomotive Engines and machinery.</i>				
Wages				600
Materials		700		300
Total...	7,793	12	5	7,800

*Proceedings of the Madras Government, Public Works Department,
19th January 1872.*

Budget Estimate of Expenditure on Stores for the Carnatic Railway during 1872-73.

SCHEDULE E.

Details.	ACTUAL PURCHASE DURING 1870-71.			PURCHASES DURING 1871-72.		PURCHASES DURING 1872-73.	
	Quantity.	Amount.			Quantity.	Amount.	Total.
<i>In India.</i>		RS.	A.	P.		RS.	
Timber, Tools, Oil, etc...		15,886	1	6		17,000	1,00,000
<i>In England.</i>							
Drawing materials, etc...		2,165	6	8			
Rolling stock						3,39,800	
Permanent-way						11,26,300	
Large bridges						2,18,800	
Telegraph roofing							
Tools, etc.							
Total...		18,051	8	2		17,000	20,36,000

Actual balance of Stores on hand on 1st April 1871		RS.	A.	P.
Estimated purchases during 1871-72.	57,113	1	2	
Estimated issues during 1871-72	17,000	0	0	
Estimated balance on 1st April 1872		74,113	1	2
Do. purchase during 1872-73		18,000	0	0
Estimated issues do.		56,113	1	2
Estimated balance on 1st April 1873		20,36,000	0	0
Estimated issues do.		20,92,113	1	2
Estimated balance on 1st April 1873		20,40,000	0	0
Estimated issues do.		52,113	1	2

*SUMMARY OF REVENUE ACCOUNT.
Estimate of Revenue of the Carnatic Railway for the year 1872-73.*

	Actuals in 1870-71.	Sanctioned Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
<i>Receipts as per Schedule F.</i>				
Coaching traffic	RS. A. P.	RS.	RS.	RS.
Goods traffic	30,183 5 6	32,000	37,300	
Electric Telegraph earnings	3,606 3 2	2,300	3,500	
Sundries	46 10 8	100	100	
	522 2 11	100	100	
Total Receipts...	34,358 6 3	42,000	34,500	41,000
<i>Expenditure as per Schedule G.</i>				
Maintenance of way, etc.	6,366 6 10	8,100	4,300	6,000
Locomotive expenses	7,793 12 5	9,300	6,400	7,800
Carriage and waggon expenses	985 15 3	1,500	750	1,000
Traffic expenses	3,750 14 11	6,500	3,000	3,800
General charges	16,822 9 0	4,500	*10,000	8,851
Special and Miscellaneous Expenses	1,498 8 4	100		1,000
Total Expenditure...	37,218 3 2	30,000	24,450	28,451
Balance...	2,859 12 11	12,000	10,050	12,549

* Includes Home expenditure on establishment, say, Rupees 5,000.

(Signed) G. R. WALKER, Lieutenant, R.E.,
Offg. Govt. Examiner of Railway Accounts.

(Signed) J. T. FISHER,
Agent and Manager.

*Proceedings of the Madras Government, Public Works Department,
19th January 1872.*

SCHEDULE F.

General Estimate of Traffic Receipts of the Carnatic Railway for 1872-73.

Number of miles open for traffic on 1st April 1871		Miles.
Expected to be open during 1871-72		19
Total on 1st April 1872...		19
Expected to be open during 1872-73		19
Total likely to be opened at end of 1872-73		19
Average number of Miles expected to be open during the whole of 1872-73.		19

	Actuals, 1870-71.	Budget Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
	RS. A. P.	RS.	RS.	RS.
Coaching traffic	30,183 5 6	32,000	37,300	
Goods traffic	3,606 3 2	2,300	3,500	
Electric Telegraph earnings	46 10 8	100	100	
Sundries	522 2 11	100	100	
Total...	34,358 6 3	42,000	34,500	41,000

SCHEDULE G.

General Estimate of Revenue Expenditure on the Carnatic Railway for 1872-73.

	Actuals, 1870-71.	Budget Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
	RS. A. P.	RS.	RS.	RS.
<i>Maintenance of Way, Works, and Stations.</i>				
Engineers' salaries			800	
Allowances of do.		2,600	50	
Office expenses			50	
Wages		5,000	3,000	
Materials			1,500	
Bridges and tunnels			200	
Miscellaneous, including earthwork, roads, fencing, etc.			200	
Repairs of buildings of every description, including station yards and signals, but excepting quarters of the staff		500	200	
Total...	6,366 6 10	8,100	4,300	6,000
<i>Locomotive Expenses.</i>				
Allowances of Superintendents, including travelling allowances		3,500	800	
Overtime allowances			50	
Office expenses		700	800	
Wages of Drivers and Firemen			300	
Overtime allowances			50	
Contingent expenses, including clothing and travelling expenses		3,800	4,000	
Fuel		200	250	
Water		400	600	
Oil, tallow, and other stores		700	600	
<i>Maintenance and Renewals of Locomotive Engines and machinery.</i>				
Wages			600	
Materials			300	
Total...	7,793 12 5	9,300	6,400	7,800

*Proceedings of the Madras Government, Public Works Department,
19th January 1872.*

SCHEDULE E.
Budget Estimate of Expenditure on Stores for the Carnatic Railway during 1872-73.

Details.	ACTUAL PURCHASE DURING 1870-71.			PURCHASES DURING 1871-72.		PURCHASES DURING 1872-73.	
	Quantity.	Amount.		Quantity.	Amount.	Amount.	Total.
<i>In India.</i>		RS.	A. P.		RS.	RS.	RS.
Timber, Tools, Oil, etc...		15,886	1 6		17,000	1,00,000	1,00,000
<i>In England.</i>							
Drawing materials, etc...		2,165	6 8				
Rolling stock						3,39,800	
Permanent-way						11,26,300	
Large bridges						2,18,800	
Telegraph roofing							
Tools, etc.						2,51,100	19,36,000
Total...		18,051	8 2		17,000	20,36,000	20,36,000

Actual balance of Stores on hand on 1st April 1871		RS.	A.	P.
Estimated purchases during 1871-72	57,113	1	2	
Estimated issues during 1871-72	17,000	0	0	
Estimated balance on 1st April 1872		74,113	1	2
Do. purchase during 1872-73		18,000	0	0
Estimated issues do.		56,113	1	2
Estimated balance on 1st April 1873		20,36,000	0	0
.....		20,92,113	1	2
.....		20,40,000	0	0
.....		52,113	1	2

SUMMARY OF REVENUE ACCOUNT.
Estimate of Revenue of the Carnatic Railway for the year 1872-73.

	Actuals in 1870-71.	Sanctioned Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
<i>Receipts as per Schedule F.</i>	RS. A. P.	RS.	RS.	RS.
Coaching traffic	30,183 5 6	42,000	32,000	37,300
Goods traffic	3,606 3 2			3,500
Electric Telegraph earnings	46 10 8			100
Sundries	522 2 11			100
Total Receipts...	34,358 6 3	42,000	34,500	41,000
<i>Expenditure as per Schedule G.</i>				
Maintenance of way, etc.	6,366 6 10	8,100	4,300	6,000
Locomotive expenses	7,793 12 5	9,300	6,400	7,800
Carriage and waggon expenses	985 15 3	1,500	750	1,000
Traffic expenses	3,750 14 11	6,500	3,000	3,800
General charges	16,822 9 0	4,500	*10,000	8,851
Special and Miscellaneous Expenses	1,498 8 4	100		1,000
Total Expenditure...	37,218 3 2	30,000	24,450	28,451
Balance...	2,859 12 11	12,000	10,050	12,549

* Includes Home expenditure on establishment, say, Rupees 5,000.

(Signed) G. R. WALKER, Lieutenant, R.E.,
Offg. Govt. Examiner of Railway Accounts.

(Signed) J. T. FISHER,
Agent and Manager.

*Proceedings of the Madras Government, Public Works Department,
19th January 1872.*

SCHEDULE F.
General Estimate of Traffic Receipts of the Carnatic Railway for 1872-73.

	Miles.
Number of miles open for traffic on 1st April 1871	19
Expected to be open during 1871-72	
Total on 1st April 1872...	19
Expected to be open during 1872-73	
Total likely to be opened at end of 1872-73	19
Average number of Miles expected to be open during the whole of 1872-73.	19

	Actuals, 1870-71.	Budget Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
	RS. A. P.	RS.	RS.	RS.
Coaching traffic	30,183 5 6	42,000	32,000	37,300
Goods traffic	3,606 3 2			3,500
Electric Telegraph earnings	46 10 8			100
Sundries	522 2 11			100
Total...	34,358 6 3	42,000	34,500	41,000

SCHEDULE G.
General Estimate of Revenue Expenditure on the Carnatic Railway for 1872-73.

	Actuals, 1870-71.	Budget Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
	RS. A. P.	RS.	RS.	RS.
<i>Maintenance of Way, Works, and Stations.</i>				
Engineers' salaries		2,600		800
Allowances of do.				50
Office expenses				50
Wages		5,000		3,000
Materials				1,500
Bridges and tunnels				200
Miscellaneous, including earthwork, roads, fencing, etc.				200
Repairs of buildings of every description, including station yards and signals, but excepting quarters of the staff		500		200
Total...	6,366 6 10	8,100	4,300	6,000
<i>Locomotive Expenses.</i>				
Allowances of Superintendents, including travelling allowances		3,500		800
Overtime allowances				50
Office expenses				50
Wages of Drivers and Firemen		700		800
Overtime allowances				300
Contingent expenses, including clothing and travelling expenses				50
Fuel				4,000
Water		3,800		250
Oil, tallow, and other stores		200		600
Maintenance and Renewals of Locomotive Engines and machinery.		400		
Wages		700		600
Materials				300
Total...	7,793 12 5	9,300	6,400	7,800

Proceedings of the Madras Government, Public Works Department,
19th January 1872.

SCHEDULE G.—(Concluded.)

	Actuals, 1870-71.	Budget Estimate, 1871-72.	Regular Estimate, 1871-72.	Budget Estimate, 1872-73.
	RS. A. P.	RS.	RS.	RS.
Carriage and Waggon Expenses.				
Repairs and Renewals of vehicles and machinery.				
Coaching Vehicles.—Wages				100
Overtime				
Materials		1,100		300
Goods Vehicles.—Wages				150
Overtime				
Materials		400		450
Labour, including wages of Oilers, Carriage Cleaners, and Examiners				
Stores, including Oil, Grease, and other				
Stores for consumption on running vehicles				
Total...	985 15 3	1,500	750	1,000
Traffic Expenses.				
Traffic Manager, Assistant do., and District Superintendents				1,000
Contingencies				200
Station Masters, Clerks, Porters, Point-men		5,800		
Gate-keepers of level crossings, Signalmen, station servants, etc.				1,600
Overtime allowances				250
Fires, lights, water, and general stores for carriages, stations, offices, etc.		400		150
Printing, Stationery, and Tickets		300		550
Miscellaneous				50
Total...	3,750 14 11	6,500	3,000	3,800
General Charges.				
Home Expenditure.				
Directors and Secretary				
Auditors and Accountants				
Consulting Engineer and Inspecting Officer's fees and travelling allowances				3,500
Office Expenses.				
Agent's Office				
Store Department		4,300		3,281
Rents				900
Contingencies, including furniture and fittings				120
Stationery		100		500
Telegraph.—Maintenance, Labour, Stores		100		500
Total...	16,822 9 0	4,500	10,000	8,851
Special and Miscellaneous expenditure.				
Rates and taxes, etc.	1,498 8 4	100		1,000

Proceedings of the Madras Government, Public Works Department,
19th January 1872.

No. 326.

ORDER THEREON, 19th January 1872, No. 165.

RAILWAY, No. 44.

WITH the foregoing letter the Consulting Engineer for Railways submits the Railway Budget Estimates for 1872-73:—

State Expenditure.

2. The estimate of State outlay on establishments amounts to Rupees 80,447 against Rupees 73,700 sanctioned by the Government of India for the current year. This excess is due to the expected return of the permanent incumbent of the appointment of Consulting Engineer, and to the necessity in consequence of providing for the full salary of that officer. The expenditure on the purchase of land is estimated at Rupees 2,59,780. This provision is large, but as it is only possible to approximately estimate the extent of land that will be taken up, the estimate is accepted. The total estimate on account of State expenditure is passed for an even sum of Rupees 3,40,100 as shown in the appended abstract.

Advances on Capital Account.

3. The Government concur with the Consulting Engineer in considering the estimates of the Agents under this head to be excessive, and for the reasons explained in paragraphs 4 to 6 the amounts may be reduced as proposed, namely,—

	RS.
Madras Railway	28,40,200
Great Southern of India Railway	17,50,000
Carnatic Railway	7,55,770

4. The Consulting Engineer's estimate of traffic earnings is accepted.

5. The following is an abstract of the Madras Railway Budget as modified by the Consulting Engineer and passed by this Government, and as compared with the regular estimate of the current year:—

	Budget Estimate of 1872-73.	Regular Estimate of 1871-72.
State Expenditure.		
Establishment	RS. 80,400	RS. 73,700
Purchase of land	2,59,700	1,71,600
	3,40,100	2,45,300
State Revenue	28,04,649	29,70,970
Advances on Construction account.		
Madras Railway.		
Gross advances	28,40,200	26,61,900
Refunds	15,00,000	13,20,000
Net advances...	13,40,200	13,41,900
G. S. of India Railway.		
Gross advances	17,50,000	5,58,170
Refunds	5,000	5,000
Net advances...	17,45,000	5,53,170
Carnatic Railway—Gross advances	7,55,770	2,41,570

*Proceedings of the Madras Government, Public Works Department,
19th January 1872.*

				Budget Estimate of 1872-73.	Regular Estimate of 1871-72.
<i>Revenue Account.</i>					
Madras Railway.	Gross earnings	...	...	RS. 60,00,000	RS. 61,00,000
	Working expenses	...	...	35,00,000	34,06,900
Net Revenue...				25,00,000	26,93,100
G. S. of India Railway.	Gross earnings	...	...	8,66,800	7,11,000
	Working expenses	...	...	5,74,700	4,43,130
Net Revenue...				2,92,100	2,67,870
Carnatic Railway.	Gross earnings	...	...	41,000	34,500
	Working expenses	...	...	28,450	24,450
Net Revenue...				12,550	10,050

Ordered that the following letter be sent :—

(Here enter No. 166, dated 19th January 1872.)

(True Extract.)

(Signed) J. CARPENDALE, Colonel, R.E.,
Secretary to Government.

To the Acting Consulting Engineer for Railways.
" Accountant-General.
" Controller of Public Works Accounts.

Exd. S. T. Augustin.

*Proceedings of the Madras Government, Public Works Department,
19th January 1872.*

				Budget Estimate of 1872-73.	Regular Estimate of 1871-72.
<i>Revenue Account.</i>					
Madras Railway.	Gross earnings	...	...	RS. 60,00,000	RS. 61,00,000
	Working expenses	...	...	35,00,000	34,06,900
Net Revenue...				25,00,000	26,93,100
G. S. of India Railway.	Gross earnings	...	...	8,66,800	7,11,000
	Working expenses	...	...	5,74,700	4,43,130
Net Revenue...				2,92,100	2,67,870
Carnatic Railway.	Gross earnings	...	...	41,000	34,500
	Working expenses	...	...	28,450	24,450
Net Revenue...				12,550	10,050

Ordered that the following letter be sent :—

(Here enter No. 166, dated 19th January 1872.)

(True Extract.)

(Signed) J. CARPENDALE, Colonel, R.E.,
Secretary to Government.

To the Acting Consulting Engineer for Railways.
" Accountant-General.
" Controller of Public Works Accounts.

Exd. S. T. Augustin.

Revised

Gobt. of {1872} Madras
PUBLIC WORKS.

To

THE ACTING CONSULTING ENGINEER

FOR RAILWAYS

&c., &c., &c.

Dated January 19th,

Recd.

Encl.

G. O., 19th January 1872, No. 165.

JANUARY
Nos. 325-326

Railway Budget Estimates for 1872-73
—Passing orders on the letter from the
Consulting Engineer for Railways submit-
ting the Budget Estimates for 1872-73.

P.J.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 19th January 1872.

No. 327.

No. 166.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

RAILWAY, No. 45.

SIR,—I am directed to forward the
Budget Estimates of the Railway
Department for 1872-73 prepared in
accordance with the forms furnished with the Resolution of the Government of
India, dated 17th July 1871, No. 437-A.R.

I have the honour to be,

Sir,

Your most obedient servant,

Colonel, R.E.,

Secretary to Government.

Ezd. S. T. Augustin.

CONSULTING ENGINEER'S OFFICE.

Railway Department.

No. 3

From

Major H. L. Fenderjast I.C.B.
Ag. Consulting Engineer for Railways,

To

Colonel J. Carpenter

Secretary to Government,

Public Works Department,

Fort Saint George.

Sir,

I have the honor to submit the Budget Estimate for 1872-73 of State expenditure of expenditure from Guaranteed Capital on the Madras, the Great Southern of India and the Carnatic Railway and of probable Revenue Receipts and expenditure.

Controlling
Establishment.

2 The estimate for the Establishment for the year 1871-72, as sanctioned by the Government of India amounted to Rs. 78,700, and for the next Official year there is an additional demand

demand of Rs. 6700.

The full salary of the Consulting Engineer has to be provided for next year; thus adding Rs. 7560 to the estimate for 1871-72. Rs. 150 have been added to the item of Official Postage as directed in L. O. No. 157 of the 20th January 1871; and on the other hand, the item of Rs. 1020 for Office-rent is struck out, owing to the removal of the office from a hired house to the Government buildings at Chepauk.

The estimated amount for compensation to be paid for land is for the:

Madras Railway	Rs. 21,460
Great Southern of Mys.	188,320
Carnatic Railway	50,000
<u>Total Rupees</u>	<u>2,59,780</u>

On the Madras Railway the expenditure will be chiefly on the

the Nilgerry Branch. For the Great Southern of India and Carnatic

Railways, compensation will have to be paid for lands to be taken up for the new lines, and only approximate amounts are set down. The estimate is high, but land may be expected to be taken over 200 miles in length on the extension of the Great Southern Line, and 100 miles between Madras and Cuddalore.

Madras Railway 4

The total estimated outlay for 1872-73 from Guaranteed Capital is estimated by the Agent thus:-

Gross advances	Rs. 35,90,252
Refunds	15,00,000
<u>Net advances</u>	<u>20,90,252</u>

The regular estimate for the year 1871-72 shows a probable excess of Rs. 30,7469, under

Stores

	Sanctioned	Probable Expenditure	Excess
Stores	4,12,000	6,56,510	2,44,500
Establishment	3,22,000	3,37,552	15,552
Works	16,20,439	16,67,856	47,417
	23,54,439	26,61,908	3,07,469

The demand for nearly 36 lacs for gross disbursements, is in my opinion excessive. Form A Engineering Department, shows expected outlay of 16½ lacs on sanctioned works; one entry is, 8 lacs for the portion of the North-West Line, open less than two years; details should, I think, have been given of the several estimates, rather than lumping all in one; and I would deduct 3 lacs from this item. In the Neilgherry branch there is set down Rs. 16,80,000; and

I

36

I would reduce this by 1½ lac to Rs. 16,65,000. In Form B Engineering Department, the expected expenditure is Rs. 7,90,304; and this appears so large a sum for unsanctioned works, that I would deduct 2 lacs. The last item but one, Electric Telegraph, Neilgherry branch should be struck out altogether; if the proposal of the Government of India is acted upon, that the Lines of Telegraph are to be in the hands of the Government. For Stores, there is provided in Schedule E, Rs. 16,95,202 which is considerably more than the actual expenditure of 1870-71, or the expected expenditure of the current year. The demand made by the Agent for expenditure on stores has hitherto been much higher than the amount ultimately

ultimately admitted in the Budget.
but the actual expenditure has
exceeded considerably the Budget
grants. I would therefore re-
commend that one lac only be
deducted from this item.

Reduction 1 lac.

The reductions thus
recommended amount as per margin
to 7 1/2 lacs; and will still leave
the comparatively large sum of
Rs. 28,40,252 as the amount of
gross advances.

Great Southern of India Railway

5 The estimated expenditure
on Capital Account of the Great
Southern of India Railway for 1872-73 is

Rupies	22,32,476
Left to fund	5,000
Net	<u>22,27,476</u>

The

The present year's operations
form no guide to judge of the cash
outlay required in next year; as
the Southern Extension is not yet
fairly commenced; but the plans
and detailed estimates having been
submitted to the Government of
India, it may be expected that
construction will be in progress
throughout the year. I am
doubtful though of the establishment
being required to its full strength
from the beginning of the official
year, also to the Engineering staff
being completed from England,
by that time; I think therefore
one lac may be taken from the
estimated amount Rs. 4,59,396 -
I would take another lac from stores,
and owing to the uncertainty as to
the establishment, as well as to
the

Reduction 1 lac.

Reduction 1 lac.

the consideration that it will take some little time to get the works into full swing, I would allow not more than 10 lacs for Schedule B, Reduction $12\frac{1}{2}\%$ on the Southern Extension, instead of $12\frac{1}{4}\%$ lacs.

Thus by deducting $4\frac{1}{4}\%$ lacs or leaving in round numbers $17\frac{1}{2}$ lacs, for gross advances, I think there will be a closer approximation to the real requirements than in allowing so large a sum as $22\frac{1}{4}$ lacs. Rs. 12.5 entered by the Agent for minor works in Schedule C should be struck out of the estimate, as now chargeable to Revenue, the line having been open for traffic more than two years.

Schedule B of the Locomotive Department provided exclusively

exclusively for the Southern Extension. In schedule D, extra provision is made for an increase to the establishment on account of the Southern Extension, both for the Engineering staff to be employed in the field, and also for the Head Quarter staff under Direction.

Baruati Railway

The Agents estimated cash demand for next year as Rs. 20,47,800. In the regular estimate for 1871-72 in Schedule A, the Agent has included a sum of Rs. 5,21,111 in excess of the amount sanctioned up to December 1871, for Preliminary expenses, but this sum should be reduced to Rs. 40,000. In my letter of the 2^d December 1871, Rs. 521,

I recommended that sanction should
be given for a further grant of
Rs. 40,000 for the current year
of expenditure on the Survey operations.
The Agent provided for the present
establishment employed on the Survey
for half of the ^{year} in Schedule D,
and also for a full establishment
for construction in addition to the
above in Schedule D.

It is difficult to say when
these estimates may be sanctioned,
and the construction establishment
sanctioned, but I consider ample
provision will be made by estimating
it for half of the year, and allowing
the present establishment only for
the first half of the official year.

The Agent makes considerable
additions to the Estimates for office
and

and Stores Departments, but such
additions cannot be required for half
of the year, and I recommend a
proportional reduction of establishment
charges to the amount of rather
more than 1% ^{lae}, thereby reducing
the General charges in Schedule
D from Rs. 3,23,030 to Rs. 1,72,000.
For Stores, Schedule E, I think

5,000 ^{Rupers} will suffice, instead
of one ^{lae}.

In Schedule B, the large
sum of Rs. 15,64,000 is asked
for, but considering the progress
of the Survey, and the prospects
of sanction to the commencement of
construction, I would recommend
that only Rs. 4,73,000 be passed
as detailed in the column of
Remarks in Schedule B.

Expenditure is in my opinion likely to be incurred on ballasting or permanent way, and other items may safely be reduced.

The percentage of working expenses on the gross receipts for the last five half-years has been as follows:-

	Madras Railway	Great Indian Railway	Barnatui Railway
First half of 1869—	42.90	62.24	68.43
Second — — —	44.73	64.50	99.57
First half of 1870—	52.81	61.15	68.82
Second — — —	54.88	59.54	168.74
First half of 1871—	54.11	53.80	67.75

The percentage of the gross traffic earnings expected to be absorbed by the working expenses during 1872-73 is estimated by the Railway Agents as follows:-

Madras Railway—71.17
Great Indian Railway—66.30
Barnatui Railway—67.39
and the percentage in the regular estimate for 1871-72 is of—
Madras Railway—55.85
Great Indian Railway—62.32
Barnatui Railway—70.87
For the Madras Railway

too unfavourable a view is in my opinion taken of the Revenue prospects. I would suggest that the gross earnings be estimated at 60 lacs, and the working expenses at 35 lacs. A considerable length of line will become chargeable to Revenue, before the end of the year; but none before the month of December: so that the great increase anticipated to the working expenses. Viz from 32½ lacs, Budget estimate, and 34 lacs

The working expenses on the Great Northern of India Railway are much increased for next year, on account of the share of the general charges that will be debited to Revenue when the extension works are put in hand, and not on account of actual working expenses on the open line.

State Expenditure.

For purchase of land — 80,4400
 Total — 2,59,780

Total Cupes 2,59,780
3,40,180

Expenditure

Madras Railway Co.	28,40,252
Great S of I Railway	17,50,000
Coastal Railway	<u>7,55,772</u>
	53,46,024

Deduct credits to	}	•	15,05,000
Capital			
Balance		•	38,41,024

The traffic earnings are expected to be from the

Madrass Railway	Rs. 60,00,000
Great S of I Railway	8,66,800
Baruatie Railway	41,000
	<u>69,07,800</u>

Product working
expenses on all
the Railway & } = 41,03,157

Net Revenue. 28,04,649

Madras
5th January
1872

I have the honor to be
 Sir,
 Your most Obedt^l
 Chas. Sander & Major R.
 Esq: Capt: Everest & Co

Estimate of Cash Expenditure in India on the Madras

	Actuals in 1870-1.	Sanction Estimate 1871-2
<u>Capital Outlay</u>		
<u>Engineers Department</u>		
Sanctioned Works as per Schedule — A —	23,98,758	3,15,7
Works to be sanctioned — " — B —		10,68,8
Minor Works — " — C —		37,274
<u>Locomotive Department</u>		
Sanctioned Works as per Schedule — A —	91,088	22,7
Works to be sanctioned — " — B —		1,63,0
Minor Works — " — C —		50,600
<u>Carriage & Wagon Department</u>		
Sanctioned Works as per Schedule — A —		
Works to be sanctioned — " — B —		
Minor Works — " — C —		
<u>Traffic Department</u>		
Works to be sanctioned as per Schedule B —		
<u>Establishments chargeable to Capital as per General Estimate of</u>		
Establishments — D —	4,45,977	3,22,0
Stores as per Schedule — E —	6,14,836	4,12,0
Total	35,87,933	23,54,4
<u>Receipts to be credited to Capital Account.</u>		
Shares paid in India —		
Refunds, &c. —	11,24,765	13,20,0
Total Receipts	11,24,765	13,20,0
Net Cash Demands of the year	24,63,168	10,34,4

Revenue Account. Estimate of Revenue of the Madras Railway for the Year

	Actuals in 1870-1.	Sanction Estimate 1871-2
<u>Receipts as per Schedule F.</u>		
Coaching Traffic —	20,38,393	
Goods Traffic —	30,40,854	
Electric Telegraph Earnings —	16,866	
Sundries —	1,45,951	
Total Receipts	52,42,064	61,00,00
<u>Expenditure as per Schedule G.</u>		
Maintenance of Way, Works & Stations —	7,96,598	10,14,00
Locomotive Expenses —	10,31,571	12,41,10
Carriage & Wagon Expenses —	1,50,312	1,58,00
Traffic Expenses —	4,51,723	4,65,30
General Charges —		

C. 1029/1872-01/1875

Ch 326

12165-166-19 21/1872-
13/1872/1875

Dated 5th Jan 1872.
Received 6th Jan 1872.

No. 3

To
The Secretary to Government,
P. W. Department,
Fort St. George.

From
The Consulting Engineer
for Railways,

RAILWAY DEPARTMENT.

1872-1873

Budget Estimate of the Madras Railway for the Year 1872-73.

Details.	Amount of Estimate			Expenditure up to close of Official Year 1870-71		
	Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.
Works sanctioned in the old form of Account.						Engineers
1. Madras Central Station						
2. Altering double needle into single needle Instruments S. Whine	629,679	29,076	920,755	388,629	180,175	568,804
3. The section of Machine open for less than two years viz. from Chooty to Raichore including Bellary Branch	5,623	4,363	9,986	2,202	3,798	6,000
Construction of line	834,648	453,198	1,287,846	554,552	394,297	948,849
4. Hand Railing to Bridges S. Whine and Machine						
5. Ballast & Permanent way	29,354	8,515	37,869			
6. Renewing the line between Aravanahy & Muddikerry into Iron & sleepers						
Stations & Buildings						
Boundary Wall new Central Station		138,045	138,045		4,842	4,842
Raichore Station	9,504		9,504			
Line under Construction	304,213	13,191	43,126	14,552	10,155	24,667
Nilgherry Branch Line						
Karamadry Station	11,48,104	75,612	1,90,426	77,280	4,715	81,995
Tudicaloor do	12,044	7,71	19,215			
	12,061	7,71	19,232			
Total Engineers Department	Rs. 1,04,97,067	58,76,354	1,63,73,421	61,59,155	42,37,661	1,03,96,816

Sanctioned Works.

tab.
 ras Railway for the Year 1872-73.

Department.	Probable Expenditure during the year 1871-72.			Estimated Expenditure in 1872-73.			Estimated Expenditure in future years.
	Indian Expenditure	English Expenditure	Total Expenditure	Indian Expenditure	English Expenditure	Total Expenditure	
	1,00,000	80,000	1,80,000	1,00,000	30,000	1,30,000	40,000
	1,921	400	2,321	1,500	165	1,665	
	1,70,000	430,000	12,00,000	8,00,000	4,00,000	12,00,000	
	26,000	8,000	34,000	33,574	575	38,69	
		38,247	38,247		37,077	37,077	57,000
	7,000		7,000	2,504		2,504	
	1,30,000	25,000	1,55,000	28,000	5,000	33,000	
				3,557		5,557	
	4,000	1,500	5,500	1,843	636	2,479	

Budget Estimate of the Madras Railway for the Year 1872-73.

Details.	Amount of Estimate			Expenditure up to close of Official Year 1870-71		
	Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.
Works sanctioned in the old form of Account.						Engineers
1. Madras Central Station						
2. Altering double needle into single needle Instruments S. Whine	629,679	29,076	920,755	388,629	180,175	568,804
3. The section of Machine open for less than two years viz. from Chooty to Raichore including Bellary Branch	5,623	4,363	9,986	2,202	3,798	6,000
Construction of line	834,648	453,198	1,287,846	554,552	394,297	948,849
4. Hand Railing to Bridges S. Whine and Machine						
5. Ballast & Permanent way	29,354	8,515	37,869			
6. Renewing the line between Aravanahy & Muddikerry into Iron Plate sleepers						
Stations & Buildings						
Boundary Wall new Central Station		138,045	138,045		4,842	4,842
Raichore Station	9,504		9,504			
Line under Construction	304,213	13,913	438,126	145,522	101,155	246,677
Nilgerry Branch Line						
Karamadry Station	114,810	75,612	190,422	77,280	4,715	81,995
Tudicaloor do	12,044	7,71	19,215			
	12,061	7,71	19,232			
Total Engineers Department	Rs. 1,04,97,067	58,76,354	1,63,73,421	61,59,155	42,37,661	1,03,96,816

Sanctioned Works.

tab.
 ras Railway for the Year 1872-73.

Department.	Probable Expenditure during the year 1871-72.			Estimated Expenditure in 1872-73.			Estimated Expenditure in future years.
	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
	1,00,000	80,000	1,80,000	1,00,000	30,000	1,30,000	40,000
	1,921	400	2,321	1,500	165	1,665	"
	1,70,000	430,000	12,00,000	8,00,000	4,00,000	12,00,000	"
	26,000	8,000	34,000	33,574	575	38,69	"
		38,247	38,247		37,077	37,077	57,000
	7,000		7,000	2,504		2,504	"
	1,30,000	25,000	1,55,000	28,000	5,000	33,000	"
				2,557		5,557	"
	4,000	1,500	5,500	1,843	636	2,479	"

Budget Estimate of the Madras Railway for the Year 1872-73.

Details.	Amount of Estimate			Expenditure up to close of Official Year 1870-71		
	Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.
Works sanctioned in the old form of Account.						Engineers
1. Madras Central Station						
2. Altering double needle into single needle instruments S. Whine	629,679	29,076	920,755	388,629	180,175	568,804
3. The section of Machine open for less than two years viz. from Choosy to Raichore including Bellary Branch	5,623	4,363	9,986	2,202	3,798	6,000
Construction of line	834,648	453,198	1,287,846	554,552	394,297	948,849
4. Hand Railing to Bridges S. Whine and Machine						
5. Ballast & Permanent way	29,354	8,515	37,869			
6. Removing the line between Aravanahy & Muddikerry into Iron Pot sleepers						
Stations & Buildings						
Boundary Wall New Central Station		138,045	138,045		4,842	4,842
Raichore Station	9,504		9,504			
Line under Construction	304,213	13,913	436,126	145,522	101,155	246,677
Nilgherry Branch Line						
Karamadry Station	11,48,104	75,612	19,04,216	77,280	4,715	81,995
Tudialoor do	12,044	7,71	19,215			
	12,061	7,71	19,232			
Total Engineer's Department	Rs. 104,97,067	58,76,354	1,63,73,421	61,59,155	42,37,661	1,03,96,816

Sanctioned Works.

Madras Railway for the Year 1872-73.

Department.	Probable Expenditure during the year 1871-72.			Estimated Expenditure in 1872-73.			Estimated Expenditure in future years.
	Indian Expenditure	English Expenditure	Total Expenditure	Indian Expenditure	English Expenditure	Total Expenditure	
	1,00,000	80,000	1,80,000	1,00,000	30,000	1,30,000	40,000
	1,921	400	2,321	1,500	165	1,665	"
	1,70,000	430,000	12,00,000	8,00,000	4,00,000	12,00,000	"
	26,000	8,000	34,000	33,574	575	38,69	"
		38,247	38,247		37,077	37,077	57,000
	7,000		7,000	2,504		2,504	"
	1,30,000	25,000	1,55,000	28,000	5,000	33,000	"
				3,557		5,557	"
	4,000	1,500	5,500	18,43	636	24,79	"

Schedule A

Continued/

Schedule A							Probable Expenditure during the year 1871-72.			Estimated Expenditure in 1872-73.			Estimated Expenditure in future years.
Details.	Amount of Estimate			Expenditure up to close of Official year 1870-71.			Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
	Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.							
Locomotive													
Nil													
Carriage & Wagon													
290 Second-class Composite and 3rd Class Carriages to be fitted with Sun Shades	16,520	20,560	37,080	10,443	9,363	19,806	2,577	2,500	5,077	3,500	8,697	12,197	Nil
2890 Wagons to be fitted with Cyle Box Keeps (O.R.)	20,230	37,570	57,800	28,95	9,631	12,526	3,355	10,800	14,155	13,980	17,139	31,119	
10 Horse Boxes	17,916	34,714	47,630	4,857	15,96	6,448	8,064	33,118	41,182	"	"	"	
25 3rd Class Carriages	15,221	54,428	69,649	532	971	1,503	14,689	53,457	68,146	"	"	"	
10 do	6,050	21,750	27,800	"	"	"	"	"	"	6,050	21,750	27,800	
10 Night Composite Carriages	15,186	34,314	49,500	"	"	"	7,595	17,157	24,752	7,591	17,157	24,748	
19 Goods Brake Vans	28,096	50,952	79,048	2,184	14,676	16,860	25,912	36,276	62,188	"	"	"	
292 Open Sided Goods to be converted into High Sided Open Goods Wagons	26,039	64,878	90,917	"	"	"	"	"	"	26,039	64,878	90,917	
50 Coke Wagons to be converted into Covered Goods	8,250	26,000	34,250	"	"	"	2,000	6,000	8,000	6,250	20,000	26,250	
6 Goods Brake Vans	8,870	16,130	25,000	"	"	"	"	"	"	8,870	16,130	25,000	
Total Carriage & Wagon Deptt.	157,378	361,296	518,674	20,906	36,237	57,143	4,000	1,500	5,500	3,557	18,43	636	2479
Total Schedule A	106,54,445	62,37,650	168,92,095	8,00,61	42,73,898	104,53,959							

Schedule Budget Estimate of the Madras

Details.

Amount of Estimate.

Expenditure up to close
Official year 1870-71.

Cash
outlay
in India.

Value of
English
Stores.

Total
Expendi-
ture.

Indian
Expendi-
ture.

English
Expendi-
ture.

Other
Expendi-
ture.

Construction of Line.

- 1 New Chayair Bridge
- 2 Chugger Bridge Supplemental Estimate
- 3 Protective Works to Bridges S.W. Line
- 4 do do N.W. Line
- 5 Watchmen Huts on 3^d Divn. do

238,820 280,410 519,230
69,571 82,634 152,205
178,000 178,000
62,000 62,000
10,260 10,260

Eng...

Ballast & Permanent Way

- 6 Renewing the Line between Muddikerry
& Olypoor with Iron Pot Sleepers
- 7 Bellary Station Yard

3,339 318,637 318,637
6192 9,531

Stations & Buildings.

- 8 Bridge & Iron Jandries & Tank at Perambore
- 9 New Smithy Perambore
- 10 Watering arrangements New Central Station
- 11 Alterations & Additions to Salem Station
- 12 Works consequent on the Junction at
Bangalore with the Mysore State Railway
- 13 Watering arrangements at Bangalore
- 14 Alterations & Additions to Arcot Station
- 15 Refreshment Room at Tripurthy with
Kitchen and Godown
- 16 do do at Muddalapah
- 17 do do at Ghosky
- 18 Additional Well Staging & Piping at Ghosky
- 19 Bellary Station Yard
- 20 New Station at the Coorgabudra
- 21 Upstair Bangalore for Rec. Staff at Raichore
- 22 Raichore Station Works Supplementary
Estimate

38,362 11,060 49,422
41,000 37,000 78,000
5,859 5,074 10,933
8,900 40 8,940
47,189 22,491 69,680
6,300 2,000 8,300
11,247 1,894 13,141
6,363 6,363
6,363 6,363
5,557 5,557
58,433 2,136 7,979
3,967 3,967
5,446 483 5,929
15,466 15,466
10,915 3,362 14,277

Carried forward

780,767 77,341 858,108

(Continued)

Probable Expenditure dur- ing the year 1871-72.			Estimated Expenditure in 1872-73.			Estimated Expenditure in future Years.	
Indian Expenditure	English Expenditure	Total Expenditure	Indian Expenditure	English Expenditure	Total Expenditure		
101,630	1,800	103,430	589,800	497,682	1,087,482	3,63,268	not at all
8,777	16,990	25,767	15,471	11,477	26,948		tant
15,000	5,000	20,000	52,808	37,472	90,280		do
			6,746	2,755	9,501		un- der
			50,000	30,000	80,000	20,000	at
2,000		2,000	3,634	19,570	23,204		new
			71,845	59,895	1,31,740		
1,27,407	23,790	1,51,197	7,90,304	6,58,851	14,49,155	3,83,268	tant at all
Department.							
			10,000	700,000	710,000		2
* 38,000		38,000	1,000	35,000	36,000		ce
38,000		38,000	11,000	735,000	746,000		nt
Department.							
			4,003		6,363		
			6,363		6,363		
			5,557		5,557		
4,000	1,500	5,500	1,843	636	2,479		

Schedule C Budget Estimate of the Madras

Budget Estimate of the Madras							
No.	Details.	Amount of Estimate.			Expenditure up to close of Official Year 1870-71.		
		Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.
<u>Sanctioned Works.</u>							
<u>Works sanctioned in the old form of Account.</u>							
1	Altering double needle into single needle Instruments New line	2742	1239	3981	154	916	1070
<u>Stations & Buildings.</u>							
2	Permanent Day Inspector's Bungalow at Bellary						
3	Engineer's Stores Workshop, P. at Bellary	3966	"	3966	"	"	"
4	Station Master's Bungalow at Adoni	4866	"	4866	"	"	"
		4899	"	4899	"	"	"
<u>Electric Telegraph</u>							
5	Maintenance of Telegraph from Ghooty to Joongabudra						
6	do do from Coondacul to Bellary and from Joongabudra river to Raichore	2097	2330	4427	"	22	"
		2257	2690	4947	"	"	"
<u>Unsanctioned Works.</u>							
<u>Stations & Buildings</u>							
1	Sub Inspector's Bungalow at Auspree	2600	"	2600	"	"	"
2	Boys Staging at Raichore	366	"	366	"	"	"
3	Double Ash-pit at do	2279	"	2279	"	"	"
<u>Electric Telegraph</u>							
4	Fixing Lightning Conductors at Bellary Station	443	586	1029	"	"	"
5	do do at Raichore do	414	461	875	"	"	"
6	Works not specially provided for	8000	2000	10000	"	"	"
Total Engineer's Deptt.		34929	9306	44235	154	938	1672

Works not yet sanctioned.

tal.

Railway for the Year 1872-73.

Department.	Probable Expenditure during the Year 1871-72.			Estimated Expenditure in 1872-73.			Estimated Expenditure in future years.
	Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
	83500	.	83500	120000	250000	370000	65730
	.	.	.	69571	82634	152205	"
	.	.	.	178000	.	178000	"
	.	.	.	62000	.	62000	"
	5130	.	5130	5130	.	5130	"
	.	.	.	.	.	.	"
	.	.	.	.	.	.	"
	.	.	.	3339	6192	9531	217970
	.	.	.	20000	5000	25000	24422
	5000	.	5000	30000	30000	60000	13000
	.	.	.	5859	5074	10933	"
	.	.	.	8900	40	8940	"
	.	.	.	25000	10000	35000	34680
	.	.	.	6300	2000	8300	"
	.	.	.	11247	1894	13141	"
	.	.	.	6363	.	6363	"
	.	.	.	6363	.	6363	"
	.	.	.	5557	.	5557	"
	4000	1500	5500	1843	636	2479	"

Schedule B.

Minor Works.

tal.

Railway for the Year 1872-73.

Probable Expenditure during the Year 1871-72.			Estimated Expenditure in 1872-73.			Estimated Expenditure in future years.
Indian Expenditure.	English Expenditure.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.	
1588	200	1788	1000	123	1123	
3000	.	3000	966	.	966	
4000	.	4000	866	.	866	
4000	.	4000	899	.	899	
1200	1300	2500	897	1008	1905	
1129	1345	2474	1128	1345	2473	
.	.	.	2600	.	2600	
.	.	.	366	.	366	
.	.	.	2279	.	2279	
.	.	.	443	586	1029	
.	.	.	414	461	875	
.	.	.	8000	2000	10000	
14917	2845	17762	19858	5523	25381	

Department.

Locomotive

Carriage & Wagon

Traffic

No.	Details.	Amount of Estimate			Expenditure up to Close of Official Year 1870-71.		
		Cash Outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.
	Brought forward						
23	Line under Construction.	780,767	7,73,413	15,54,180	.	.	.
24	Poikhanore Junction Works Nilgherry Branch.	24,248	28,467	52,715	.	.	.
25	Coimbatore Station	67,808	42,472	1,10,280	.	.	.
26	Karamadry Station Additional Estimate.	6746	2755	9501	.	.	.
27	Metapollim Station	62,000	38,000	1,00,000	.	.	.
28	Electric Telegraph Nilgherry Branch.	5634	19,570	25,204	.	.	.
29	Unforeseen requirements.	71,845	59,895	1,31,740	.	.	.
	Total Engineer's Deptt. —	1,019,048	964,572	19,83,620	.	.	.
29	Locomotives with Tenders	10,000	700,000	710,000	.	.	.
30	Reserve to meet unforeseen requirements.	39,000	35,000	74,000	.	.	.
	Total Loco. Departt. —	49,000	735,000	784,000	.	.	.
	Reserve to meet unforeseen Expenditure.	13,668	33,369	47,037	.	.	.
	Reserve to meet unforeseen requirements.	.	.	.	.	.	.
	Total Schedule B.	1,081,716	1,732,941	28,14,657	.	.	.

Schedule C.

(Continued)

Details		Amount of Estimate.			Expenditure up to close of Official Year 1870-71.		
		Cash outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.
1	Minor Works						
2	Tools and Plant	160,000	340,000	500,000	.	"	
		4,000	10,000	14,000	.	.	
	Total Local Deptt.	164,000	350,000	514,000	"	"	
	Total Schedule C	198,929	359,306	558,235	154	738	1092

Probable Expenditure during the year 1871-72.			Estimated Expenditure in 1872-73.			Estimated Expenditure in future years.
Indian Expenditure.	English Expenditure	Total Expenditure	Indian Expenditure	English Expenditure	Total Expenditure.	
Department.						
80,000 2,000	170,000 5,000	250,000 7,000	80,000 2,000	170,000 5,000	250,000 7,000	
82,000	175,000	257,000	82,000	175,000	257,000	
96,917	177,845	274,762	101,858	180,523	282,381	

		01H	
		611	
		91	
		5087	

Budget Estimate of Establishment of

Number.		Details.	Monthly Salary of Office.	Estimate	
1871-2	1872-3			Per Mosm.	Per Annum.
<u>Direction.</u>					
1	1	Agent & Manager			
1	1	Assistant do			
7	9	Clerks	22 1/2		
8	*14	Peons, P. P.	545		
			445		
			53		
<u>Total Direction</u>					
<u>Chief Auditor's Department.</u>					
1	1	Chief Auditor			
2	3	Assistants to do			
73	80	Clerks	1136		
5	6	Peons	700		
5	5	Office servants	1742		
			31		
			20		
<u>Total Chief Auditor's Departt.</u>					
<u>Chief Accountant's Department.</u>					
1	1	Chief Accountant			
14		Clerks	545		
3		Peons	547		
4		Office servants	20		
			24		
<u>Total Chief Accountant's Departt.</u>					
<u>Medical Department.</u>					
1		Consulting Physician			
1		Compounder do			
18		Apothecaries	210		
1		Clerks	50		
17		Peons	1505		
71		Porties & Sweepers	15		
			119		
			410		
<u>Total Medical Departt.</u>					

Schedule **D**
Capital and Revenue

the Madras Railway for the Year 1872-3.

1871.2			Estimate 1872-3.					
Distribution of Charges.			Per	Per	Distribution of Charges.			
Capital.	Revenue	Total	Memor.	Annun.	Capital.	Revenue	Total	
			x 2,500	30,000				
			773	9,276				
			600	7,200				
			100	1,200				
				47,676	24,315	23,361	47,676	
			x 1,250	15,000	7,650	7,350	15,000	
			x 1,100	13,200	2,020	11,180	13,200	
			x 2,500	30,000	2,284	27,716	30,000	
			x 45	540	44	496	540	
			25	300	115	185	300	
				59,040	12,113	46,927	59,040	
			725	8,700				
			550	6,600				

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		315	

Schedule D (Continued)

Number.		Details.	Monthly Salary of Office	Estimate		1871-2.			Estimate 1872-3.			Remarks.		
1871-2.	1872-3.			Per mensem.	Per Annum.	Distribution of Charges.			Per mensem.	Per Annum.	Distribution of Charges.			
						Capital.	Revenue	Total.			Capital.		Revenue	Total.
General Stores Department.														
1	1	General Storekeeper	682					682	8184					
1	1	Controller of Store Accounts	773					773	9276					
1	1	Store Auditor	250					250	3000					
1	1	Stock-Taker	80					80	960					
31	31	Merks	1112					1112	13344					
1	1	Beach Conicopillay	20					20	240					
1	1	Time-keeper	15					15	180					
1	1	Brochee	10					10	120					
4	4	Travelling Pions with Vans	40					40	480					
10	12	Ward Pions	70					70	840					
6	6	Office do	43					43	516					
2	2	Guard do	14					14	168					
2	2	Carpenters	39					39	468					
3	3	Book-binders	24					24	288					
1	1	Sent Maistry	13					13	156					
1	1	Cooper	10					10	120					
1	1	Soly Maistry	9					9	108					
2	2	Punkahmen	12					12	144					
2	2	Chickledars	12					12	144					
1	1	Shuckler	9					9	108					
1	1	Marker	8					8	96					
1	1	Soly	4					4	48					
Total General Stores Departt														
Cashiers Department.														
1	1	Cashier	590											
2	2	Asst. to do	435											
1	1	Paymaster	484											
14	14	Cashkeepers	798											
8	10	Merks	315											
4	5	Shroffs	100											
72	72	Pions	600											
2	2	Punkah Pullers	10											
Total Cashiers Departt														
39144 12918 26226 39144														
773 9276 4731 4545 9276														
500 6000 1524 4476 6000														
x 584 7008 3574 3434 7008														
x 868 10416 4980 5436 10416														
400 4800 2173 2627 4800														
150 1800 1800 1800														
x 700 8400 4091 4309 8400														
10 120 61 59 120														
* Inclusive of Batta.														

Continued

Schedule

Number.			Details.	Monthly Salary of Office.	Estimate		Distribution of Charges			Estimate 1872-3.		
1871-2	1872-3	Per mensem.			Per Annum.	Capital.	Revenue.	Total.	Per mensem.	Per Annum.	Distribution of Charges.	
											Capital.	Revenue.
<u>Police</u>												
	6	Inspectors						563	6760		6760	6760
	7	Detectives						146	1750		1750	1750
	1	Havildar						22	260	86	174	260
	4	Chaugues						29	350	116	234	350
	37	Peons						179	2150		2150	2150
	114	Sepoys						637	7650	643	7007	7650
	8	Night Watchmen						259	3100	165	2935	3100
<u>Total Police</u>									22,020	1010	21,010	22,020
<u>Electric Telegraph Department.</u>												
	1	1st Class Engineer						772	9273			
		Allowance						105	1260			
		Establishment							9467			
									20,000	8000	12,000	20,000
	68	Signallers						2242	26,900		26,900	26,900
	5	Peons						29	350		350	350
	1	Punkah pullers						6	74		74	74
<u>Total Elec. Telegraph Dept.</u>									47,324	8,000	39,324	47,324
<u>Total General Offices</u>												

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W.P.B.

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Number.		Details.	Monthly Salary of Office.	Estimate	
1871-2	1872-3			Per mensem.	Per Annum.
<u>Engineers' Department.</u>					
1		Chief Engineer			
2		Deputy do			
1		Asst. to do	at Rs 1045.7.3		
<u>Allowances</u>					
3		1st Class Engineers at Rupees 863.10.2			
3		do			
2		2nd do	" 772.11.8		
3		do	" 659.1.5		
2		3rd do	" 590.14.6		
<u>Allowances at Rupees 75 each</u>					
1		4th Class Engineers			
<u>Allowances</u>					
5		Engineering Assistants			
<u>Allowances</u>					
34		Permanent Way Inspectors			
1		Overseer Inspector			
<u>On Construction</u>					
2		2nd Class & 2nd Class Inspectors			
<u>Office Establishments including Construction and Maintenance</u>					
<p>Defect saving which will probably be effected by reductions in the Engineering Staff and by the retrenchment of salary for Engineers proceeding on furlough or sick leave.</p>					
Total					288,000
Add. margin to provide for promotions, increases of Pay, and new appointments					
Total Engineers Dept.					288,000

D /Continued/

[illegible]

Richard Howard

C. Number.	Details.	Monthly Salary of Office.	Schedule	
			Per memorm.	Per annum.
1871-1872-3	Locomotive Department.			
1	Locomotive & Carriage Superintendent	1637		
1	Fixed Allowance	105		
1	Assistant Locomotive & Carriage Superintendent	682		
1	do do do	410		
1	Accountant	350		
9	Fixed Allowance	30		
4	Foreman in Charge of Divisions	350		
1	do do of Perambore Workshops	350		
1	do do do	237		
1	Assistant do do	207		
1	Unfixed Allowances inclusive of rent Allowances Office Establishment	150		
	Total Locomotive Departt.			
	Traffic Department.			
1	Traffic Manager	1364		
1	Deputy do	591		
6	Assistant do			
374	Station Masters and Clerks			
437	Pointsmen			
212	Porters			
553	Porters			
177	Gate-men			
42	Head Porters			
4	Inspectors of Pointsmen			
7	Waiting Room Attendants			
19	Staff Bangalore do			
	Carried forward			

D. Continued

Distribution of Charges.			Estimate 1872-3.			Remarks.
Capital.	Revenue.	Total.	Per memorm.	Per annum.	Distribution of Charges.	
					Capital. Revenue Total.	
			2065	24,780	6,195 18,585 24,780	
			105	1,260	315 945 1,260	
			820	9,840	2,460 7,380 9,840	
			500	6,000	1,500 4,500 6,000	
			420	5,040	1,260 3,780 5,040	
			30	360	90 270 360	
			4,200	50,400	12,600 37,800 50,400	
			1,750	21,000	5,250 15,750 21,000	
			350	4,200	1,050 3,150 4,200	
			300	3,600	900 2,700 3,600	
			250	3,000	750 2,250 3,000	
			.	12,800	3,200 9,600 12,800	
			3,000	36,000	9,000 27,000 36,000	
37,552	1,12,656	1,50,208	"	1,78,280	44,570 1,33,710 1,78,280	
			1,642	19,700	19,700 19,700	
			708	8,500	8,500 8,500	
			2,375	28,500	28,500 28,500	
			14,250	1,71,000	1,71,000 1,71,000	
			3,083	37,000	37,000 37,000	
			1,417	17,000	17,000 17,000	
			3,584	43,000	43,000 43,000	
			958	11,500	11,500 11,500	
			1,058	12,700	12,700 12,700	
			167	2,000	2,000 2,000	
			58	700	700 700	
			125	1,500	1,500 1,500	
29,425	353,100				353,100 353,100	

Number.		Details.	Monthly Salary of Office.	Estimate	
1871.	1871-2 1872-3			Per Annum.	Per Annum.
		Brought forward			
120		Guards			
168		Scavengers			
		Travelling Allowance			
		Contingencies			
		Total Traffic Departt			373,500
		Total Schedule D			1,125,808

Sched

D/Continued/

1871-2.			Estimate 1872-3				Remarks.	
Distribution of Charges.			Per	Per	Distribution of Charges.			
Capital	Revenue	Total	mensm.	Annum.	Capital	Revenue		Total
		"	29,425	353,100	"	353,100	353,100	
			5458	65,500		65,500	65,500	
			833	10,000		10,000	10,000	
			742	8,900		8,900	8,900	
			1167	14,000		14,000	14,000	
373,500	373,500			451,500	.	451,500	451,500	
337,552	788,256	1,125,808	.	1,182,880	269,001	9,138,79	11,82,880	

Schedule E.

Budget Estimate of Expenditure

Stores for the Madras Railway during 1872-3

Schule E.						
Stores for the Madras Railway during 1872-3						
Details.		Actual purchases during 1870-1.		Purchases during 1871-2.	Purchases during 1872-3.	Remarks.
		Quantity.	Amount.	Quantity.	Amount.	
			Rs.		Rs.	
In India.						
Wooden Sleepers			91,323		75,000	
do. Rails			12,000		12,000	
Cotton Waste			18,222	43,122	3,800	
Firewood	lbs.	21,194	18,222		4,150	
Grease and Tallow	"	82,454,934	14,255	113,406,260	150,000	
Timber Seal	"	195,355	28,723	228,250	41,000	
Government Duties and Landing charges	Cfr.	50,308	92,957	93,921	14,5100	
Sundry Stores			48,333		40,000	
			20,165		189,600	
			61,551		656,500	
In England.						
Girders			259,004		250,000	
Permanent Way Materials			382,508		743,500	
Knecing			16,189		5,500	
Telegraph Stores			69,506		80,500	
Coal and Patent Fuel			71,703	15,984	39,5376	
Canvas			23,259	2,640	4,740	
Paper and Sheets	Tons	3,448	71,703		5,170	
do. Crown, Black Plate Piping & Rods	Yds.	3,492	23,259		5,500	
Spring Steel	lbs.	8,218	4,383	3,336	18,600	
Brass Tube and Piping	"			57,778	5,000	
Iron	lbs.	124,407	10,766		44,000	
Paints	Nr.				24,370	
Iron Work	lbs.	136,028	3,579	138,600	7,000	
Springs, Bearing & Buffers	Sts.	531	2,724	1,166	6,770	
Wheels & Axles	Sts.	70	21,142		7,390	
Tires, Steel & Iron	Nr.	750	18,787		40,000	
Engines (e.t. 20)	Pair	574	9,334	3,608	1,54,926	
	Nr.	166	15,760		60,000	
					40,000	
					47,500	
					7,00,000	
Carried forward			672,544		16,55,172	25,65,600

Schedule I

(Continued)

Details

Actual purchases
during 1870-1.

Quantity. Amount.

Purchases during
1871-2.

Quantity.

Amount.

Purchases during
1872-3.

Amount.

Totals

Remarks.

Brought forward

Sets

2

6725.44

327.12

1320.4

304.483

1022.955

16,37.791

16,55.172

25,65.600

35,000

36,000

90,000

5,300

6,000

287,300

311,120

19,83.772

30,07.720

30,07.720

26,40.272

37,02.922

37,02.922

Total Schedule I

Memorandum

Actual balance of Stores in hand on 1st April 1871
Estimated purchases during 1871-2, as above

Estimated issues during 1871-2

Estimated Balance on 1st April 1872
Estimated purchases during 1872-3

Estimated issues during 1872-3

Estimated Balance

dum

Rs.

51,08.518

26,40.272

Total 77,48.790

31,22.047

46,26.743

37,02.922

Total 83,29.665

37,06.662

46,23.003

Schedule F

Gr of Traffic Receipts of the Madras Railway for 1872

to of Miles open for Traffic on 1st April 1871 832

to be open during 1872-3 26

Total on 1st April 1872 858

likely to be open at end of 1872-3 858

er of miles expected to be open during the whole of 1872-3 858

Branch will be completed by the end of the 1872-3 if the finders are out in good time.

	Actuals 1870-1.	Budget Estimate 1871-2.	Regular 1871-2.	Budget Estimate 1872-3.
	20,38,393			21,00,000
	30,40,854			31,00,000
	16,866			17,000
	1,45,951			183,000
Schedule F	52,42,064	61,00,000	61,00,000	54,00,000

Schedule G

General Estimate of Revenue Expenditure on the Madras Railway for 1872-3.

	Actuals 1870-1	Budget Estimate 1871-2.	Regular Estimate 1871-2	Budget Estimate 1872-3
Maintenance of Way Works & Stations.				
Salaries, Office Expenses & General Superintence	1,04,895	1,21,700	1,08,000	1,08,000
Engineers Salaries	57,781			48,000
Allowances, including travelling Expenses of all kinds	7,578			8,000
Subordinate Superintendents	27,404			28,000
Allowances of	339			6,000
Overtime Allowances				
Office Expenses	17,853			18,000
Maintenance & Renewal of Permanent Way	4,93,963	6,73,800	5,24,000	5,90,000
Wages	2,60,400			2,90,000
Materials	2,33,563			3,00,000
Repairs of Bridges, &c. Wages & Materials	98,544	1,09,500	3,00,000	2,34,000
Bridges & Tunnels	40,428			1,74,000
Miscellaneous, including Earthwork, roads, fencing, &c.	58,116			60,000
Repairs of Stations & Buildings - Wages & Materials	54,467	78,000	58,000	58,000
Repairs of Buildings of every description, including Station yards and signals, but excepting quarters of the Staff	43,679			46,000
Repairs of Staff Quarters	10,788			12,000
Maintenance by Contract				
Unclassified Expenditure				
Plantations	44,729	31,000	24,000	30,000
Tools and Plant	26,524			25,000
Loss on Stores, &c.	18,205			5,000
Total	7,96,598	10,14,000	10,14,000	10,20,000
Deduct sum chargeable to Sine Incoe. Fund				
Total	7,96,598	10,14,000	10,14,000	10,20,000

Schedule A. (Continued)

	Actuals 1870-1	Budget Estimate 1871-2	Regular Estimate 1871-2	Budget Estimate 1872-3
Locomotive Expenses.				
1 st General Superintendence				
(1) Salaries of Loco. Superintd. & Assistants	77,603	81,000	101,391	120,340
(2) Allowances of do., including travelling Allowances	11,771			27,414
(3) Subordinate Superintendents	708			1,521
(4) Allowances of do. including travelling Allowances	34,364			52,488
(5) Overtime Allowances	866			793
(6) Office Expenses	1,048			3,000
	28,846			27,945
2 nd Running Expenses (Wages connected with the Working of Loco. Engines)				
(1) Wages of Drivers & Firemen	2,15,229	229,500	255,204	300,000
(2) Overtime Allowances	148,402			205,000
(3) All labour connected with fueling, cleaning, and looking after Engines in Yards	34,113			45,500
(4) Contingent Expenses, including Clothing and travelling Expenses	32,035			47,000
	679			2,500
3 rd Fuel				
(1) Coal	4,24,929			600,000
(2) Coke	16,757	4,92,300	547,617	77,600
(3) Patent Fuel	102,287			113,600
(4) Wood	109,058			1,55,200
	19,682			2,53,600
4 th Water (including Wages and Stores)	24,349	27,000	30,006	35,000
5 th Oil, Tallow, and other Stores (expended on Engines in Work)	20,526	35,100	39,969	35,000
6 th Maintenance & Renewals of Loco. Engines & Machinery				
(1) Wages	2,68,641	3,74,400	4,16,236	3,60,000
(2) Overtime Allowances	1,39,519			1,55,500
(3) Materials	6,476			7,000
	1,22,646			1,97,500
7 th Payments to other Lines				
(1) Hire of Locomotives	294			5,000
8 th Unclassified Expenditure	294			5,000
Loss on Stores, &c.		1,800	2,000	2,000
				2,000
Deduct sum chargeable to Fire & Acc. Fund	10,31,571	12,41,100	13,92,423	14,57,340
Total	10,31,571	12,41,100	13,92,423	14,57,340

Schedule A. (Continued)

	Actuals 1870-1	Budget Estimate 1871-2	Regular Estimate 1871-2	Budget Estimate 1872-3
Carriage & Wagon Expenses.				
1 st General Superintendence	9,215	9,000	11,265	13,370
(1) Salaries of Superintendents & Assistants	1,357			3,046
(2) Allowances, including travelling	85			169
(3) Subordinate Superintendents	4,147			5,565
(4) Allowances of do. including travelling	106			885
(5) Overtime Allowances	133			600
(6) Office Expenses	3387			3,105
Repairs & Renewals of Vehicles & Machinery	88,900	93,000	93,408	2,00,000
Leaching Vehicles - (1) Wages	10,384			
(2) Overtime	376			56,300
(3) Materials	16,603			
Goods Vehicles - (1) Wages	19,799			
(2) Overtime	489			14,370
(3) Materials	4,124			
3 rd Cleaning Carriages, Wagons, & Oiling	52,197	55,000	55,562	70,000
(1) Labour, including Wages of Oilers, Carriage cleaners, & Examiners	12,611			16,800
(2) Stores, including Oil, Grease, and other Stores for Consumption on running Vehicles	39,586			53,200
4 th Unexpended Expenditure		1,000	1,000	2,000
Loss on Stores, &c.				2,000
Total	1,50,312	1,58,000	1,61,225	2,85,370
Deduct sum chargeable to Fire & Acc. Fund				
Total	1,50,312	1,58,000	1,61,225	2,85,370

Schedule G. (Continued)

	Actuals 1870-1.	Budget Estimate 1871-2.	Regular Estimate 1871-2.	Budget Estimate 1872-3.
<u>Traffic Expenses.</u>				
1 st Salaries & Wages, P.	325,432	373,500	373,500	451,500
(a) General Superintendence—				
(1) Traffic Manager, Assistant do, District Superintendents & Traffic Canvassers—	49,467			56,700
(2) Office Establishment—	23,456			31,000
(3) Travelling Allowances—	7,613			8,900
(4) Contingencies—	4,378			14,000
(b) Station Staff—				
(1) Station Masters, Clerks, Porters, Pointmen, Gatekeepers of Level Crossings, Signal- men, Station Servants, P.	195,459			275,400
(c) Train Staff—				
(1) Guards & Assistant guards—	44,862			64,500
(2) Overtime Allowances—	197			1,000
2 nd Fuel, Lighting, Water & General Stores—	57,498	54,000	54,000	70,000
(1) Fire, Light, Water & General Stores for Carriages, Stations, Offices, P.	29,243			35,500
(2) Wagon Covers, Ropes, P.	27,116			33,500
(3) Office & Station Fittings & Furniture—	1,139			1,000
3 rd Clothing—	8,421	7,200	7,200	11,000
For Guards, Porters, P.	8,421			11,000
4 th Printing, Stationery & Tickets—	26,854	29,700	29,700	32,000
5 th Charges for delivery & collection of Goods, P.				
6 th Miscellaneous Expenses—	508	900	900	1,000
7 th Payments to other Lines—				
(1) Hire of Vehicles—	33,010			3,000
(2) Mileage of foreign Stock—	31,659			
(3) Expenses at Joint Stations—	1,351			3,000
8 th Unclassified Expenditure—				
Loss on Stores, P.				
<u>Total</u>	4,51,723	4,65,300	4,65,300	5,68,500
<u>Total</u>	4,51,723	4,65,300	4,65,300	5,68,500

Schedule G. (Continued)

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	Actuals 1870-1.	Budget Estimate 1871-2.	Regular Estimate 1871-2.	Budget Estimate 1872-3.
<u>General Charges.</u>				
1 st Home Expenditure—	18,535	10,000	10,000	10,000
(1) Directors & Secretary or Managing Directors—	16,832			
(2) Auditors & Accountants—				
(3) Consulting Engineers & Inspecting Officers fees and travelling Allowances—	1,703			
(4) Office Expenses—				
2 nd Salaries of Indian Managt., including Offices—	91,800	1,40,000	1,20,000	1,67,975
(1) Agents Office—	11,266			23,361
(2) Auditor's do—	29,355			46,927
(3) Accounts do—	4,728			7,779
(4) Paymaster's do—	14,120			25,549
(5) Store Department—	9,252			26,226
(6) Medical do—	14,439			28,533
(7) Rent of buildings & lands—	1,191			2,500
(8) Contingencies including furniture & fittings—	3,960			3,500
(9) Stationery—	1,627			1,600
(10) Medicine—	1,862			2,000
3 rd Police—	15,078	11,000	20,000	23,570
(1) Supervision—	2,194			6,760
(2) Constables—	12,378			14,250
(3) Contingencies—	506			2,500
4 th Advertising (all advertisements of all Departments)—	1,710	3,000	3,000	4,000
5 th Electric Telegraph—	48,523	52,000	61,000	1,39,324
(1) Salaries of Superintendents & Assistants—	59,63			8,508
(2) Signallers—	19,248			26,900
(3) Travelling Expenses—	1,506			1,500
(4) Office Expenses, Contingencies, P.	1,836			2,424
(5) Maintenance, Labour, Stores—	19,970			1,00,000
6 th Clearing Accounts with other Lines—				
7 th Unclassified Expenditure—	1093	6,000	6,000	5,000
Loss on Stores, P.				
<u>Total</u>	1,76,739	2,20,000	2,20,000	3,49,809
<u>Total</u>	1,76,739	2,20,000	2,20,000	3,49,809

Schedule G. (Continued).

	Actuals 1870-1	Budget Estimate 1871-2	Regular Estimate 1871-2	Budget Estimate 1872-3
<i>Special & Miscellaneous Expenditure.</i>	<i>Rs</i>	<i>Rs</i>	<i>Rs</i>	<i>Rs</i>
1 st Law charges	15,414	1,500	2,000	10,000
2 nd Compensation	17,878	500	20,000	10,000
(1) For Goods lost or damaged	17,878			
(2) For Personal injury				
(3) For other Claims				
3 rd Rates and Taxes (including Municipal Water rates)	1,57,521	1,10,000	90,000	1,00,000
4 th Contributions to Special Funds	41,454	42,000	42,000	42,000
(1) Fire Insurance Fund	41,454			42,000
(2) P. W. Renewal do				
(3) Casualty do				
Total	2,32,267	1,54,000	1,54,000	1,62,000
Deduct sum chargeable to Fire Insur. Fund	15,068			
Total	2,17,199	1,54,000	1,54,000	1,62,000

Works.

to Schedule G.
Railway for the Year 1872-3.

Probable Expenditure during The Year 1871-2			Estimated Expenditure in 1872-3.			Estimated Expenditure in future years.	Remarks.
Indian Expenditure.	English Expendi- ture.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.		
			562	464	1,026	.	
			4,221	.	4,221	.	
			732	.	732	.	
			350	442	792	.	
			4,884	2,16,294	2,21,178	7,47,566	
			40,000	10,000	50,000	"	
			50,749	2,27,200	2,77,949	7,47,566	

J. M. Walker Esq.
Examiners of Railway Accounts.

Agent & Manager

61 Revenue
Accompaniment

Budget Estimate of the Madras

No.	Details.	Amount of Estimate.			Expenditure up to close of Official year 1870-1.		
		Cash Outlay in India.	Value of English Stores.	Total Expenditure.	Indian Expenditure.	English Expenditure.	Total Expenditure.
	Back Verandah to Tripatore Good Shed	562	464	1026	.	.	.
	Single Engine Drivers Bungalow at Chiddapatt	4221	"	4221	.	.	.
	Two Wood Stages at Chongapooram	732	"	732	.	.	.
	Fixing Lightning Conductors at Ghooty	350	442	792	.	.	.
	Renewing the Line between Muddi-Kerry and Beypoor with Iron Post Sleepers	19535	949207	968744	.	.	.
	Works not specially provided for	40000	10000	50000	.	.	.
	Total Rupees	65400	960115	1025515	.	.	.

Madras,
16th December 1871.

James
Chief Accountant

Wm. J. J. J.
Chief Auditor

Comptroller & Auditor
Addn. Chd. B.

Estimate of Railway transactions as Disbursements

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Madras Railway			
	1872-73.	1871-73	
		Budget Estimate	Regular Estimate
<u>Capital Account.</u>			
Gross advances. ✓	28,40,252	23,54,439	26,61,908 ✓
Refunds	15,00,000	13,20,439	13,20,000
Net advances.	13,40,252	10,34,000	13,41,908
<u>Revenue Account.</u>			
Gross Earnings.	60,00,000	61,00,000	61,00,000
Working Expenses.	35,00,000	32,52,400	34,06,948
Net Revenue.	25,00,000	28,47,600	26,93,052

Madras Railway
 G. S. of S. Railway
 Carnatic Railway

Madras
 5th January 1872 }

Purchase

	Amount of estimate	Computed payments upto 31 st March 1872	Balance of 1872
<u>Madras Railway</u>			
Chingleput District.	2,000	1,000	
Coimbatore.	(a) 63,000	43,000	
<u>Nilgerry Branch</u>			
Class A. For railroad from Nungundapuram to Mettupalayam.	24,000 ✓		
For station ground at Coimbatore.	10,200 ✓		
For station ground in 3 other places.	6,000 ✓		
B. For spoil banks, &c.	19,100 ✓		
C. For Engineer's hungalows and for the preparation of materials.	2,200 ✓		
D. For diversion of roads.	500 ✓		
Probable amount of compensation to be paid for loss of produce.	1,000		
	<u>Rs. 63,000 (a)</u>		
<u>Guddipah District</u>			
Bellary.	490 170	200	
			2,140

Madras —
5th January 1872

Madras Railways

Detail of Estimate of State Expenditure on account of Railways for the year 1872-73.

I. Establishment. (in round numbers) Rs. 80,400-
 II. Purchase of land. do do 259,780-
 Total Rs. 3,40,180

Number	Particulars	1871-72	1872-73	Salary of Office			Estimate 1872-73			Estimate		
				Minimum	Annual increment	Maximum	Permanence	Per annum	Total	1871-72		
				Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
1	Consulting Engineer for Railways	1860										
	Military pay proper	140					2000			2000		
1	Deputy Consulting Engineer for Railways	950								24000		
	Military pay proper	140					1135			13620		
	House rent	45								13620		
1	Examiner of Railway Accounts	500										
	Military Allowance, Staff Corps pay	374					949			11388		
	House rent	75								11388		
1	Assistant Consulting Engineer for Railways	550										
	Military pay proper	70					665			7980		
	House rent	45								7980		
1	Assistant Controller of the 2nd grade						350					
1	Uncovenanted Assistant						300			4200		
1	Second grade Accountant						250			3600		
4	Clerks, at Rs. 15, 20, 30, and 40.						135			3000		
3	Accountants at Rs. 40, 60, and 100.						200			1620		
1	Writer for the Deputy Consulting Engineer						50			2400		
1	Draughtsman						50			600		
1	Shoemaker						50			600		
10	Peons and others, one at Rs. 5, seven at Rs. 7, one at Rs. 8, and one at Rs. 10 1/2.						72			870		
2	Bar cars for the D.C. Consulting Engineer at Rs. 7 each.						14			168		
	Add for travelling allowances of Consulting Engineer, Deputy Consulting Engineer, and Examiner of Railway Accounts						350			4200		
	Official Postage						1000			1000		
	Office expenses and Contingencies						50			600		
	Office rent											
Total										80446		
										80446		
										73756		

Madras
 5th January 1872

Hew L. Pendergast Major, R.E.,
 A.C. Consulting Engineer for Railways.

66

P. Nr. 5-4/72

11

Summary

<u>Summary</u>	
Madras Railway	Rs. 21,460
G. E. of S. Railway	— 188,320
Carnatic Railway	— 50,000

Rs. 2,59.780 ✓

180 ✓
Hawthornthwaite Major, R.E.,
A² Consulting Engineer for Railways.

Receipts of the Public Works Department for 1871-72

of S. Railway			Carnatic Railway			Total.	
1871-72			1871-72			1871-72.	
Budget Estimate	Regular Estimate	1872-73	Budget Estimate	Regular Estimate	1872-73	Budget Estimate	Regular Estimate
✓	✓	✓	✓	✓	✓	✓	✓
20,70,300	5,58,171	7,55,772	9,03,000	2,41,573	53,46,024	53,27,739	34,71,652
1,90,000	5,000	.	2,59,000	.	15,05,000	17,69,439	13,25,000
18,80,300	5,53,171	7,55,772	6,44,000	2,41,573	38,41,024	35,58,300	21,46,652
8,25,000	7,11,000	41,000	42,000	34,500	69,07,800	69,67,000	68,45,500
5,00,000	4,43,130	28,451	30,000	24,450	41,03,151	37,82,400	38,74,528
3,25,000	2,67,870	12,549	12,000	10,050	28,04,649	31,84,600	29,70,972

Percentage of Working Expenses

1872-73	1871-72	
	Budget Estimate	Regular Estimate
58.33	53.32	55.85
66.30	60.61	62.32
69.39	71.43	70.87

P. W. 54/72.

New Spendergast

Major P. W. 54/72
Ag. Secy. Engineers for Railways.

Great Southern of India Railway

Capital account

Estimate of Cash expenditure in India on the Great Southern of India Railway for the year 1872-73.

	Actuals in 1870-71.	Sanctioned Estimate 1871-72	Regular, Etc. - made 1871-72	Budget Estimate 1872-73.
	Rupers	Rupers	Rupers	Rupers
<u>Capital Outlay</u>				
<u>Engineers Department</u>				
Sanctioned works as per Schedule A.	28,024	8,200	2,000	3,522
Works to be sanctioned as per Schedule B.		86,180	5,000	68,583
open line		10,000	1,76,776	12,22,50
Southern Extension	1,45,513			195
Minor works, as per Schedule C.				
<u>Locomotive Department</u>				
Sanctioned work		14,500	6,000	
Work to be sanctioned, as per Schedule B.		5,920		90,530
<u>Establishments and Contingencies</u>				
Chargeable to Capital as per General		1,20,000	1,58,395	4,59,396
Estimate of Establishments see D.	67,070	1,95,000	2,00,000	3,35,000
Stores, as per Schedule E.	2,05,036	20,70,300	5,68,171	22,32,476
Total	4,64,749			
Receipts to be credited to Capital		1,80,000	5,000	5,000
Account Refunds see	1,92,731			
Net Cash demand of the year	2,72,018	1,80,300	5,63,171	22,27,476

P. W. 84/72.

William P. Both.
Agent

24/11/05 14/08/07

Great Southern of India Railway

Schedule A

Capital

Budget Estimate for the year 1872-73.

Amount of Estimate			Expenditure up to close of official year 1870-71.			Probable Expenditure during the year 1871-72.			Estimated Expenditure in 1872-73.			Estimated Expenditure in future years
Cash and Pay in India	English	Indian	Indian	English	Total	Indian	English	Total	Indian	English	Total	
	Expenditure	Expenditure	Expenditure	Expenditure	Expenditure	Expenditure	Expenditure	Expenditure	Expenditure	Expenditure	Expenditure	
	6	4	4	24	32	6	5	11	6	6	12	5
Buildings	6	6	6	6	18	6	5	11	6	5	11	5
Land & buildings	4387	10	10	10	24	865	15	880	3521	13130	16651	16651
Land & buildings	4387	10	10	10	24	865	15	880	3521	13130	16651	16651

William B. B. B.
Agent

Schedule B

Exhibita

Description of Estimate	Amount of Estimate	Expenditure of 6 above		Portable Expenditure during the year 1911-12		Estimated Expenditure in 1912-13		Total
		Actual Expenditure	Estimated Expenditure	Actual Expenditure	Estimated Expenditure	Actual Expenditure	Estimated Expenditure	
<u>Sections and Buildings</u>								
Hopekams Tent Office Building	15,400	5	13,066	11	23,505			
" " Good sheds/depot	25,000	"	19,65	"	30,000			
" " Heavy Wall sec	20,109	6	13,598	6	33,709	12		
Total		50,000						
Amount to meet unforeseen requirements								
Grand Total		50,000						

Report to meet performance requirements

Grand Total Defect

William D. Bell
Agent
78

84

84

Edw.

8. 8. 54/72.

I Preliminary Expense 278017 - 278017200541 - 20054177476 - 77476 -

Construction Plan

1 Earthwork

District No 1

71323	-	71323	-	-	-	3000	-	3000	18000	-	18000	50323
2	47384	-	47384	-	-	3000	-	3000	18000	-	18000	26384
3	61755	-	61755	-	-	3000	-	3000	18000	-	18000	40755
4	70392	-	70392	-	-	3000	-	3000	18000	-	18000	49392
5	54092	-	54092	-	-	3000	-	3000	18000	-	18000	33092
6	38134	-	38134	-	-	3000	-	3000	18000	-	18000	17134
7	52442	-	52442	-	-	3000	-	3000	18000	-	18000	31442
8	45810	-	45810	-	-	3000	-	3000	18000	-	18000	24810
9	47933	-	47933	-	-	3000	-	3000	18000	-	18000	26933
10	45817	-	45817	-	-	3000	-	3000	18000	-	18000	24817
11	48690	-	48690	-	-	3000	-	3000	18000	-	18000	27690
12	28873	-	28873	-	-	3000	-	3000	18000	-	18000	7873
13	49048	-	49048	-	-	3000	-	3000	18000	-	18000	28048
14	51734	-	51734	-	-	3000	-	3000	18000	-	18000	30734
	713427	-	713427	-	-							

2. Bridge Work

(1) Minor Bridges

District No.

1	43547	1854	45401	-	-	500	-	500	22500	1766	26766	20635
2	39243	5508	44751	-	-	500	-	500	22500	5246	30246	16505
3	48220	5526	53746	-	-	500	-	500	22500	5263	30263	25483
4	47104	1069	48173	-	-	500	-	500	22500	1018	26018	24155
5	65268	8202	73530	-	-	500	-	500	22500	7869	37869	37161
6	41603	3824	45427	-	-	500	-	500	22500	3641	28641	18786
7	49875	3213	53088	-	-	500	-	500	22500	3060	28060	27028
8	25587	3763	29350	-	-	500	-	500	13500	2000	17000	13350
9	32373	4605	36978	-	-	500	-	500	18000	2000	22000	16478
10	28186	2646	30832	-	-	500	-	500	13500	1000	16000	15832
11	36875	4161	41036	-	-	500	-	500	18000	2000	22000	20536
12	26050	7091	33141	-	-	500	-	500	13500	3000	18000	16141
13	27635	3407	31242	-	-	500	-	500	13500	3245	18245	13997
14	52294	7972	60266	-	-	500	-	500	27000	7591	37591	25175
	564060	62901	626961	-	-							

(2) Large Bridges

District No.

1	12796	6019	18815	-	-	1000	-	1000	7200	5732	13732	4883
2	4539	1701	6240	-	-	200	-	200	3600	1620	5620	820
3	6172	1701	7873	-	-	200	-	200	4500	3438	8438	2586
4	7114	3610	10724	-	-	200	-	200	4500	2292	5792	1368
5	4603	2407	7010	-	-	200	-	200	3150	6878	17350	10367
6	20466	7222	27688	-	-	1000	-	1000	9443	25000	98929	25000
7	62365	6006	68371	-	-	1000	-	1000	22500	12000	14935	12000
8	16010	8426	24436	-	-	500	-	500	2000	12000	24571	12000
9	28049	7222	35271	-	-	500	-	500	10800	4000	5669	4000
10	7201	2268	9469	-	-	200	-	200	2700	12000	21949	12000
11	22417	10832	33249	-	-	500	-	500	2700	3000	2524	3000
12	5424	-	5424	-	-	200	-	200	2700	3000	4190	3000
13	4822	2268	7090	-	-	200	-	200	2250	2500	3219	2500
14	3401	2268	5669	-	-	200	-	500	13500	15000	33726	15000
15	34488	13238	47726	-	-	500	-	300	9000	10000	22450	10000
16	34221	9629	43850	-	-	300	-	1000	18000	20000	79515	20000
17	52752	45763	98515	-	-	1000	-	200	4500	5000	11652	5000
18	10631	5721	16352	-	-	200	-	200	1800	2000	4110	2000
19	4409	1701	6110	-	-	200	-					
	1167867	254960	1862827	-	-	57300	-	57300	674543	70279	819771	1060705

P. H. 54/72

Large Bridge Cms	1674	254960	182827	-	-	-	57200	-	57200	674543	70279	819771	100070
District No. 11. In. ch.	12.3	79	804	3610	11655	-	-	200	-	200	5400	6000	6055
	13.2	27	351	1701	5289	-	-	200	-	200	2250	1620	4120
	14.3	45	1811	842	525243	-	-	300	-	300	900	8024	9024
	15.3	67	397	3610	8682	-	-	200	-	200	3600	3438	7438
	16.3	45	462	2268	6952	-	-	200	-	200	2700	2160	5160
4. Level Crisping	9	5207	4004	492131	-	-	1000	-	1000	22500	-	25000	65631
District No.	1	1354	13024	-	-	-	-	-	-	4500	-	5000	8524

2	11251	-	-	-	-	-	-	-	-	3600	-	4000	7651
3	11122	-	-	-	-	-	-	-	-	3600	-	4000	7652
4	8359	-	-	-	-	-	-	-	-	2700	-	3000	5659
5	11738	-	-	-	-	-	-	-	-	4500	-	5000	7238
6	13011	-	-	-	-	-	-	-	-	4500	-	5000	8511
7	18077	-	-	-	-	-	-	-	-	5400	-	6000	12677
8	9130	-	-	-	-	-	-	-	-	3600	-	4000	5530
9	10190	-	-	-	-	-	-	-	-	3600	-	4000	6590
10	8462	-	-	-	-	-	-	-	-	3600	-	4000	4562
11	13776	-	-	-	-	-	-	-	-	5400	-	6000	8576
12	10370	-	-	-	-	-	-	-	-	3600	-	4000	6770
13	16334	-	-	-	-	-	-	-	-	5400	-	6000	10934
14	9821	-	-	-	-	-	-	-	-	3600	-	4000	6221
15	164665	-	-	-	-	-	-	-	-	-	-	-	-

S. 4 Incline	14	981	164665	-	-	-	-	-	-	-	-	-	-
Trichinopoly Station	14	14494	509262	-	-	-	-	-	-	9000	423720	433720	156642
Small Incline	14	52795	24766806	-	-	-	-	-	-	59400	-	-	-
Total	200	52795	24766806	-	-	-	-	-	-	59400	-	-	-
Ballast Permanent Way	200	52795	24766806	-	-	-	-	-	-	59400	-	-	-
1 Ballast	200	52795	24766806	-	-	-	-	-	-	59400	-	-	-
2 Permanent Way	200	52795	24766806	-	-	-	-	-	-	59400	-	-	-
Total	200	52795	24766806	-	-	-	-	-	-	59400	-	-	-

Station Buildings	771	76236	1795313571	-	-	-	-	-	-	90000	1250000	750000	1793571
1 Station Office	771	76236	1795313571	-	-	-	-	-	-	90000	1250000	750000	1793571
Trichinopoly	771	76236	1795313571	-	-	-	-	-	-	90000	1250000	750000	1793571
Minor Works	771	76236	1795313571	-	-	-	-	-	-	90000	1250000	750000	1793571
Station Office	4200	-	4200	-	-	-	-	-	-	1000	-	1000	3300
Post on Level	27083	1477	28360	-	-	-	-	-	-	1000	-	1000	18560
Staff Platform	35149	9562	14711	-	-	-	-	-	-	-	-	-	14711
Approaches	21958	715	22673	-	-	-	-	-	-	500	-	500	9000
Collabor	10214	260	10474	-	-	-	-	-	-	-	-	-	10474
Minor Works	10214	260	10474	-	-	-	-	-	-	-	-	-	10474
Manapara	10214	260	10474	-	-	-	-	-	-	-	-	-	10474
Minor Works	10214	260	10474	-	-	-	-	-	-	-	-	-	10474
Yellamangalochy	10214	260	10474	-	-	-	-	-	-	-	-	-	10474
Minor Works	10214	260	10474	-	-	-	-	-	-	-	-	-	10474
Vadamanaduna	10214	260	10474	-	-	-	-	-	-	-	-	-	10474
Minor Works	10214	260	10474	-	-	-	-	-	-	-	-	-	10474
Appionekes	6309	260	5920	-	-	-	-	-	-	-	-	-	5920
Sindigut	5680	-	1601	-	-	-	-	-	-	-	-	-	1601
Minor Works	5680	-	1601	-	-	-	-	-	-	-	-	-	1601
Station Office	1601	547	11617	-	-	-	-	-	-	1500	-	1500	30870
Over	11039	-	-	-	-	-	-	-	-	-	-	-	768
Total	112456	10341	127777	-	-	-	-	-	-	1500	-	1500	30870

1	066	1144561
Vindigul Station & offices		
Goods Warehouse and		
Loading Bank	8742	
Approaches to	5165	
Annasaitkanor		
Minor works	6868	
Approaches to	5574	
Tholavandan		
Minor works	7519	
Approaches to	5446	
Maachura		
Minor works	6991	
Stationhouse &	36331	
Goods Shed	13497	
Approaches to	25406	
Trippanacundam		
Minor works	9986	
Tizomangolam		
Minor works	9944	
Vindigul		
Minor works	6017	
Station offices	10164	
Goods Warehouse		
& Loading Bank	7794	

2549601562527	-	-	-	57300	-	57300	674542	70279	819771	106070
3610 11655	-	-	-	200	-	200	5400	-	6000	6055
1701 5289	-	-	-	200	-	200	2250	1620	4120	1219
842525243	-	-	-	300	-	300	900	8024	9024	16119
3610 8682	-	-	-	200	-	200	3600	3438	7438	1444
22686952	-	-	-	200	-	200	2700	2160	5160	1890
4004492131	-	-	-	1000	-	1000	22500	-	25000	65631
251717 672391	-	-	-	-	-	-	-	-	-	-
13024	-	-	-	-	-	-	4500	-	5000	8524
11251	-	-	-	-	-	-	3600	-	4000	7651
11122	-	-	-	-	-	-	3600	-	4000	7522
8359	-	-	-	-	-	-	2700	-	3000	5659
11738	-	-	-	-	-	-	4500	-	5000	7238
13011	-	-	-	-	-	-	4500	-	5000	8511
18077	-	-	-	-	-	-	5400	-	6000	12677
9130	-	-	-	-	-	-	3600	-	4000	5530
10190	-	-	-	-	-	-	3600	-	4000	6690
8462	-	-	-	-	-	-	3600	-	4000	4862
13776	-	-	-	-	-	-	5400	-	6000	8376
10370	-	-	-	-	-	-	3600	-	4000	6770
10334	-	-	-	-	-	-	5400	-	6000	10534
9821	-	-	-	-	-	-	3600	-	4000	6021
164665	-	-	-	-	-	-	-	-	-	-
584447458962	-	-	-	-	-	-	9000	423720	433720	158642
2527575242766806	-	-	-	59400	-	59400	778495	509241	137423	1019672
43 259043	-	-	-	-	-	-	-	-	-	259043
13 23617952574528	-	-	-	-	-	-	90000	1250000	1350000	1570521
7623677953133571	-	-	-	-	-	-	90000	1250000	1350000	1793571
00 4200	-	-	-	-	-	-	-	-	1000	3300
13 1477 28560	-	-	-	1000	-	1000	9000	-	10000	18560
9 9562 14711	-	-	-	-	-	-	-	-	-	14711
58 715 22673	-	-	-	500	-	500	9000	-	10000	13173

Indipul Station & office	114456	13341	127797	-	-	-	1500	-	1500	30870	762	35068	94659
Goods Warehouse and Loading Bank	8742	2572	4314	-	-	-	-	-	-	450	2449	2449	8415
Approaches	5185	260	5425	-	-	-	-	-	-	900	247	1247	4275
Immanaitkanor	-	-	-	-	-	-	-	-	-	-	-	-	-
Minor works	6868	-	6868	-	-	-	-	-	-	1800	-	2000	5068
Approaches	5574	260	5834	-	-	-	-	-	-	900	247	1247	4687
Holavandan	-	-	-	-	-	-	-	-	-	-	-	-	-
Minor works	7519	-	7519	-	-	-	-	-	-	2250	-	2500	5269
Approaches	5446	260	5706	-	-	-	-	-	-	900	247	1247	4559
Maachura	-	-	-	-	-	-	-	-	-	-	-	-	-
Minor works	6991	-	6991	-	-	-	-	-	-	1800	-	2000	5191
Stationhouse	36331	18965	55296	-	-	-	500	-	500	10800	-	12000	43596
Goods Shed	13497	4919	18416	-	-	-	-	-	-	4500	-	5000	13916
Approaches	25406	-	25406	-	-	-	500	-	500	4500	-	5000	20406
Trippanacundan	-	-	-	-	-	-	-	-	-	-	-	-	-
Minor works	9986	260	10246	-	-	-	-	-	-	-	-	-	10246
Trommugolam	-	-	-	-	-	-	-	-	-	-	-	-	-
Minor works	9944	260	10204	-	-	-	-	-	-	1800	-	2000	8404
Vidupetty	-	-	-	-	-	-	-	-	-	-	-	-	-
Minor works	6017	260	6277	-	-	-	-	-	-	900	-	1000	5377
Station office	10164	548	10712	-	-	-	-	-	-	-	-	-	10712
Goods Warehouse & Loading Bank	7794	2572	10366	-	-	-	-	-	-	-	-	-	10366
Sattor	-	-	-	-	-	-	-	-	-	-	-	-	-
Minor works	11328	260	11588	-	-	-	-	-	-	2700	-	3000	8888
Corilpully	-	-	-	-	-	-	-	-	-	-	-	-	-
Minor works	11492	260	11752	-	-	-	-	-	-	2700	-	3000	9052
Kudamvoor	-	-	-	-	-	-	-	-	-	-	-	-	-
Minor works	7364	-	7364	-	-	-	-	-	-	1800	-	2000	5564
Approaches	5770	260	6030	-	-	-	-	-	-	180	-	200	5850
Maniacher	-	-	-	-	-	-	-	-	-	-	-	-	-
Minor works	9169	-	9169	-	-	-	-	-	-	3600	-	4000	5569
Approaches	5764	260	6024	-	-	-	-	-	-	180	-	200	5844
Thattapalay	-	-	-	-	-	-	-	-	-	4500	-	5000	7787
Minor works	12027	260	12287	-	-	-	-	-	-	-	-	-	-
Tupicoin	-	-	-	-	-	-	-	-	-	-	-	-	-
Minor works	5545	-	5545	-	-	-	-	-	-	900	-	1000	4645
Station house	33577	7438	41015	-	-	-	-	-	-	9000	-	10000	32015
Goods Shed	23648	4919	28567	-	-	-	-	-	-	4500	4685	9685	19382
Loading Bank	5329	-	5329	-	-	-	-	-	-	-	-	-	-
Approaches	28143	-	28143	-	-	-	500	-	-	-	-	-	-
Gaingondan	11321	260	11581	-	-	-	-	-	-	4500	-	5000	7081
Minor works	-	-	-	-	-	-	-	-	-	2700	-	3000	4705
Thakhanallor	7405	-	7405	-	-	-	-	-	-	180	-	200	5747
Minor works	5667	260	5927	-	-	-	-	-	-	-	-	-	-
Approaches	-	-	-	-	-	-	-	-	-	1800	-	2000	5271
Thiruvilly	7071	-	7071	-	-	-	-	-	-	2500	7000	12000	19000
Minor works	23062	7438	30500	-	-	-	-	-	-	3600	4685	8685	11059
Station House & Shop	14404	4920	19324	-	-	-	-	-	-	-	-	-	-
Goods Shed	13853	-	13853	-	-	-	-	-	-	2700	-	3000	11153
Approaches	-	-	-	-	-	-	-	-	-	-	-	-	-
	522137	71012	593149	-	-	-	3000	-	3000	119610	20328	153228	450211

Great Southern of India Railway
Schedule B
Budget Estimate for the year 1872/73

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P.H. 54/72.

Over	865601	121758	957359	-	-	-	-	-	-	22800	-	22800	224532	50536	300016	689491
<u>Jeff Quarters Cont.</u>																
<u>Tuticorin</u>																
Minor works	5237	-	5237	-	-	-	-	-	-	300	-	300	900	-	1000	4037
Engine Drivers Bungalows	43933	-	43933	-	-	-	-	-	-	-	-	-	7200	-	8000	36733
<u>Thringorindam</u>																
Minor works	6968	-	6968	-	-	-	-	-	-	1000	-	1000	2500	-	2778	468
<u>Thatchanallur</u>																
Minor works	2874	-	2874	-	-	-	-	-	-	-	-	-	450	-	500	2424
<u>Thiruvallur</u>																
Minor works	4216	-	4216	-	-	-	-	-	-	300	-	300	900	-	1000	3016
Engine Drivers Bungalows	13018	-	13018	-	-	-	-	-	-	-	-	-	3600	-	4000	9418
<u>Station machinery</u>																
<u>Trichinopoly</u>																
Minor works	4539	8323	12862	-	-	-	-	-	-	-	-	-	-	-	-	12862
<u>Tollator</u>																
Minor works	113	474	587	-	-	-	-	-	-	-	-	-	180	3103	-	587
Tank house	2788	3258	6046	-	-	-	-	-	-	-	-	-	180	3103	3303	2763
<u>Manapalay</u>																
Minor works	119	473	592	-	-	-	-	-	-	-	-	-	180	3103	3303	592
Tank house	2813	3258	6071	-	-	-	-	-	-	-	-	-	-	-	-	2788
<u>Mhangaloorcher</u>																
Minor works	123	474	597	-	-	-	-	-	-	-	-	-	180	3103	3303	597
Tank House	2829	3258	6087	-	-	-	-	-	-	-	-	-	-	-	-	2804
<u>Thadannadmay</u>																
Minor works	113	474	587	-	-	-	-	-	-	-	-	-	180	3103	3303	587
Tank House	2871	3258	6129	-	-	-	-	-	-	-	-	-	-	-	-	2846
<u>Sindigul</u>																
Minor works	207	1078	1285	-	-	-	-	-	-	-	-	-	360	3103	3503	1285
Tank House	2894	3258	6152	-	-	-	-	-	-	-	-	-	-	-	-	2689
<u>Thunmanackanor</u>																
Minor work	143	473	616	-	-	-	-	-	-	-	-	-	180	3103	3303	616
Tank House	2926	3258	6184	-	-	-	-	-	-	-	-	-	-	-	-	2901
<u>Thotavandan</u>																
Minor works	149	474	623	-	-	-	-	-	-	-	-	-	180	3103	3303	623
Tank house	3070	3258	6328	-	-	-	-	-	-	-	-	-	-	-	-	3045
<u>Thadara</u>																
Minor works	7271	11884	19155	-	-	-	-	-	-	-	-	-	-	-	-	19155
<u>Thiruvananthapuram</u>																
Minor works	219	474	693	-	-	-	-	-	-	-	-	-	-	-	-	585
<u>Thiruvannamalai</u>																
Minor works	1111	474	585	-	-	-	-	-	-	-	-	-	180	-	200	585
Tank house	2779	3258	6037	-	-	-	-	-	-	-	-	-	-	-	-	1259
<u>Thiruvappilly</u>																
Minor works	181	1078	1259	-	-	-	-	-	-	-	-	-	360	-	400	5640
Tank House	2742	3258	6000	-	-	-	-	-	-	-	-	-	-	-	-	569
<u>Saloor</u>																
Minor work	96	473	569	-	-	-	-	-	-	-	-	-	180	-	200	5896
Tank house	2818	3258	6076	-	-	-	-	-	-	-	-	-	-	-	-	563
<u>Coilputty</u>																
Minor works	89	474	563	-	-	-	-	-	-	-	-	-	180	-	200	5750
Tank House	2671	3259	5930	-	-	-	-	-	-	-	-	-	-	-	-	5891
Over	983521	184697	1168218	-	-	-	-	-	-	24400	-	24400	242422	72257	341615	529189

Protonotary

Protonotary



Great Southern of India Railway

Schedule C.

Capital

Budget Estimate for the year 1912-13.

Number	Amount of Estimate		Expenditure up to 31st Dec. 1911-12		Expenditure during the year 1911-12		Estimated Expenditure in 1912-13.		Estimated Expenditure in future years
	Cash outlay in all Rs.	Value of Capital	Total Expenditure	Capital Expenditure	Total Expenditure	Capital Expenditure	Total Expenditure	Capital Expenditure	Total Expenditure
<u>Stations and Buildings</u>									
<u>Electricity & Water Works etc.</u>	210	500	710	140	4	4			
<u>Rolling Stock</u>									
<u>Locomotives</u>									
<u>Wagons</u>									
<u>Engines</u>									
<u>Other</u>									
<u>Total</u>									
<u>Excess</u>									

Balance carried over

Ch.

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Schedule D. Capital and Revenue

Budget Estimate of Establishment & Contingencies for the year 1872-73.

Number		Details	Estimate 1871-72			Estimate 1872-73			Distribution of charges					
1871-72	1872-73		Monthly Salary of Office	per man. ann. sum.	per ann. sum.	Distribution of charges			per man. ann. sum.	per ann. sum.	Distribution of charges			
						Cap.	Rev.	Total			Cap.	Rev.	Total	
			Rs.	P.	P.	Rs.	P.	P.	Rs.	P.	P.	Rs.	P.	P.
<u>Direction</u>														
1	1	Agent and Traffic Manager	1363.102	1363.102	16363				1363.102	16363				
1	1	Chief auditor	400	400	4800				400	4800				
1	1	Consulting Physician	100	100	1200				150	1800				
1	1	Apothecaries	varies	220	2640				220	2640				
3	3	Chief Clerk	250	250	3000				250	3000				
1	1	Stock-taker	200	200	2400				200	2400				
1	1	Clerk	200	200	2400	36815	31500	68315	200	2400	49503	37000	86503	
1	1	Clerks	100	400	4800				400	4800				
4	4	do	varies	2130	25860				2500	30000				
66	100	do	do	346	4152				400	4800				
43	60	Perms Watchmen &c	500						500	6000				
1	1	Chief accountant	500						500	6000				
1	1	General Storekeeper			1000				1500					
		Travelling allowances				36815	31500	68315			49503	37000	86503	
<u>Total Direction</u>														
<u>Traffic Department</u>														
1	1	Assistant Traffic Manager	500	500	6000				650	7800				
4	5	Clerks	varies	100	1200				125	1500				
13	15	Guards	do	435	5220				500	6000				
2	2	Inspectors	do	40	480	42860	42860		4113	500	46760	46760		
74	80	Station Clerks	do	1333 1/3	16000				1375	16500				
180	200	Porters &c	do	1083 1/3	13010				1125	13500				
		Travelling allowances			960					960				
<u>Total Traffic Dept.</u>						42860	42860							
<u>Electric Telegraph Department</u>														
22	23	Signallers	varies	443 1/2	5320				5320	5320	46874	5500	5500	
<u>Resident Engineer Department</u>														
1	1	Resident Engineer	5183.11	5183.11	7818				1000	12000				
		Allowance		50	600				75	900				
1	1	Clerks	150	150	1800				200	2400				
1	1	Draughtsmen	40	40	480				50	600				
1	1	Office Cart	varies	50	600				76	912				
1	1	Telegraph Inspector	150	150	1800				80	960				
		Allowance		15	180									
2	0	Maintained	varies	42	504									
2	0	Perms	7	40	480									
1	0	Storekeeper	varies	14	168									
2	0	Lascars	7	40	480									
3	4	Inspectors	20	80	960									
		Allowance		56	672									
4	4	Inspectors Writers	58.1	88	1056									
4	4	Lascars	5	20	240									
16	6	Trolley Coolies	15	60	720									
4	4	Bellman Boys	15	60	720									
4	4	Smith Industries	varies	2550	30600									
4	4	Carpenter Maistries	do	450	5400									
4	4	Platelayers	do	280	3360									
4	4	Line Watchmen	35	140	1680									
88	88	General				77484	64678	718264			1777	6931	7090	
58	58	Sub Inspectors												
4	4	Total												

P. W. 54/72

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William S. Beebe
Agent

Schedule B.

Remarks

Actual Purchase	1870-71
Quantity	Am

India
Timber
Coal
Oil
Grown
plantation
Growth, spread, duty on
English plate
Miscellaneous
Ostat

John

Admonendum

Rs 25,09,591.44

Actual balance of stores in hand on 1st April
Actual purchases during 1871-72 as above
Estimated purchases during 1871-72 as above

Total

de above penairb

Estimated issues during 1871-72
Estimated Balance on 1st April 1872
Estimated purchases during 1872-73

Notes

Estimated revenue during 1872-73 —
Estimated Balance on 1st April 1873

Richard B. Coe
agent

8.8.54/2.

Revenue Account

Estimate of Revenue of the Great Southern of India
Railway for the year 1872 - 1873

	Actuals 1870-71	Sanctioned Estimate 1871-72	Regular Estimate 1871-72	Budget Estimate 1872-73
	Rs.	Rs.	Rs.	Rs.
Receipts as per Schedule F.				
Freighting Traffic	4,30,786	8,25,000	4,20,000	4,30,000
Goods Traffic	3,16,541		2,80,000	4,25,000
Electric Telegraph earnings	3,958		3,800	3,800
Indries	13,936		8,000	8,000
Total Receipts	7,65,221	8,25,000	7,11,000	8,66,800
Expenditure as per Schedule G.				
Maintenance of Way, Works & Stations	1,09,639	1,36,500	1,16,850	1,63,104
Locomotive Expenses	1,68,499	2,05,200	1,60,550	2,25,150
Carriage and Wagon Expenses	26,065	28,800	27,460	31,200
Traffic Expenses	67,553	85,700	64,870	71,770
General Charges	54,686	40,600	55,750	65,826
Special & Miscellaneous expend ^{re}	21,778	27,200	17,650	17,650
Total expenditure	4,48,220	5,24,000	4,43,130	5,74,700
Balance	3,17,001	3,01,000	2,67,870	2,92,100

* Refined in round numbers Rs 500,000

William Beth
Agent

Schedule F

General Estimate of Traffic Receipts of the Great Southern of India Railway for 18th 73.

Number of Miles open for traffic on 1st April 1871. 168
 Expected to be open during 1871-72. 168
 Total on 1st April 1872. 168
 Expected to be open during 1872-73. 168
 Total likely to be open at end of 1872-73. 168
 Average Number of Miles expected to be open during the whole of 1872-73. 168

P. H. 54/72

	Actual 1870-71	Budget Estimate 1871-72	Regular Estimate 1871-72	Budget Estimate 1872-73
	Ruppes	Ruppes	Ruppes	Ruppes
Coaching Traffic	4,30,786	8,25,000	4,20,000	4,30,000
Goods Traffic	3,16,541		2,80,000	4,25,000
Electric Telegraph earnings	3,958		3,800	3,800
Sundries	13,936		8,000	8,000
Total	7,65,221	8,25,000	7,11,000	8,66,800

William Beth
agent

Great Southern of India Railway

Schedule C

General Estimate of Revenue Expenditure for 1872-73.

	Actual 1870-71	Budget Estimate 1871-72	Regular Estimate 1871-72	Budget Estimate 1872-73
Maintenance of Way Works and Stations				
Salaries, Office Expenses and General Superintendence				
Engineers Salaries	5,119.15.10	6,360.	8,000.	10,800.
Allowances, including travelling expenses of all kinds	329.11.3	400.	700.	810.
Subordinate Superintendents	8,819.7.0	10,960.	8,000.	8,400.
Allowance of 5% on 5%	540.0.0	640.	900.	"
Over time Allowances	5,479.2.0	6,810.	6,000.	7,257.
Office Expenses	10,982.8.11	51,700.	41,000.	43,844.
Maintenance & Renewals of Permanent Way	34,531.8.6	48,600.	41,000.	46,473.
Wages				
Materials				
Repairs of Bridges &c - Wages and Material	403.12.9	550.	250.	1,500.
Bridges and Tunnels	3,643.1.10	1,650.	1,650.	4,000.
Miscellaneous, including earthwork, roads, fencing &c				
Repairs of Station and Buildings. Wages & Material	4,523.12.2	870.	6,000.	5,000.
Repairs of Buildings of every description except Staff Quarters	677.1.4	130.	600.	1,500.
Repairs of Staff Quarters				
Unclassified Expenditure				
Plantations	2,813.5.11	1,350.	2,000.	1,500.
Tools and Plant	790.7.10	380.	380.	1,500.
Miscellaneous	357.4.10	240.	240.	2,000.
Locomotive Expenses				
General Superintendence				
Salaries of Locomotive Superintendents and Assistants	4,182.14.0	3,680.	4,800.	5,620.
Allowance of 5% including travelling allowance	566.1.3	480.	720.	700.
Subordinate Superintendents	14,551.4.3	12,440.	14,500.	16,368.
Allowance of 5% including travelling allowance	1,708.11.11	1,460.	1,460.	1,500.
Over time Allowances	300.9.0	250.	250.	250.
Office Expenses	5,139.5.9	4,390.	5,200.	6,696.
Running Expenses (wages connected with working of Loco. Engines)	28,414.10.0	32,720.	28,000.	40,124.
Wages of Drivers and Firemen	4,963.0.0	5,710.	5,000.	5,732.
Over time Allowances	3,100.1.0	3,570.	3,570.	7,120.
All Labor connected with fuelling, cleaning and looking after engines in yard				
Contingent Expenses, including clothing & travelling				
Fuel				
Coal	1870-71: 65,807.9.9 1871-72: 32,411.14.0 1872-73: 1,400.30.10	100,000.	28,000.	56,528.
Patent Fuel	32,411.14.0	6,000.	30,000.	34,782.
Wood	1,400.30.10	4,000.	7,000.	8,660.
Water including Wages and Stores	2,944.3.7	2,600.	2,600.	3,000.
Oil, Tallow and other Lubricants (expended on Engines in work)	3,586.8.0	5,000.	5,000.	5,000.
Maintenance & Renewals of Loco. Engines & Machinery				
Wages	6,031.7.7	5,000.	6,500.	7,000.
Over time Allowances	204.15.3	200.	200.	250.
Materials	20,466.1.9	16,800.	16,800.	25,000.
Unclassified Expenditure				
General Superintendence				
Salaries of Superintendents and Assistants	566.9.0	480.	700.	840.
Allowances, including travelling	48.14.8	40.	50.	50.
Subordinate Superintendents	1,533.4.6	1,220.	1,600.	1,781.
Allowances of 5% including travelling	13.3.0	10.	10.	55.
Over time Allowances	398.14.0	480.	600.	801.2.
Office Expenses				
Repairs of Vehicles and Machinery	1,396.3.5	1,420.	1,420.	2,000.
Wages	10.1.0	20.	20.	20.
Materials	4,574.8.6	5,030.	5,030.	5,042.
Over time	1,901.14.2	2,080.	2,080.	3,000.
Materials	60.11.0	70.	70.	180.
Goods Vehicles	9,445.12.1	10,380.	10,380.	
Blanking Carriages and Waggon and Oiling				
Labor, including wages of Porters, Carriage Cleaners and Exhibitors	1,842.13.9	8,000.		
Stores, including oil, grease, and other stores for consumption on running vehicles	2,655.3.2			
Unclassified Expenditure	1,515.10.7			
Traffic Expenses				
Salaries, Wages &c				
General Superintendence				
Traffic Manager, Assistant &c District Superintendents and Traffic Carriers	6,000.			
Office Establishment	1,168.			
Contingencies	63.			
Travelling Allowances				

Carried forward.

3120

p. H. 54/72.

	Actuals 1870-71.	Budget Estimate 1871-72.	Regular Estimate 1871-72.	Budget Estimate 1872-73.
<i>Brought forward</i>	3,12,006 11 11	3,80,500	3,13,080	4,29,724
<i>Station Staff</i>				
Station Masters, Clerks, Porters, Postmen				
Gatekeepers of level crossings, Signalmen	29,168 2 3	33,500	29,000	39,000
Station Servants &c.				
<i>Train Staff</i>				
Guards and Assistant Guards	5,719 6 0	6,500	5,700	6,500
Overtime Allowances				
Fuel, Lighting, Water and General Stores				
Fuel, Light, water and General Stores for	2,284 13 1	3,500	2,500	3,000
Carriages, Stations, Offices &c.	3,760 6 3	5,600	100	1,000
Wagon, Cokers, Ropes &c.	574 3 3	900	600	1,000
Office and Station fittings and furniture				
Clothing	898 8 "	1,200	800	1,000
For Guards, Porters &c.	3,910 13 3	7,000	4,000	4,000
Printing, Stationery and Tickets				
Charges for delivery and collection of goods &c.	466 7 6	500	500	500
Miscellaneous Expenses				
Payments to other lines				
Hire of Vehicles	1,285 4 4	2,000	1,500	1,500
Mileage of Foreign Stock	11,767 15 7	15,000	12,000	13,000
Expenses at Joint Stations				
<i>General charges</i>				
<i>Home Expenditure</i>				
Director and Secretary or Managing Director	12,916 5 10	4,880	12,000	15,000
Auditors and Accountants	6,698 2 7	2,530	3,200	4,000
Consulting Engineer and Inspecting Officers for	1,577 12 0	590	1,000	1,500
and travelling allowances				
Office Expenses				
Salaries of Indian Management, including Officers				
Agents Office				
Auditors Office	20,737 11 5	20,700	25,000	30,000
Accounts Office				
Paymasters Office	3,809 15 6	3,800	6,500	7,000
Store Department				
Medical Department (included in Agency)				
Rents of Buildings and Lands	750 12 7	750	750	750
Contingencies, including furniture & fittings	608 7 11	600	600	600
Stationery	159 5 6	150	150	150
Medicine	97 5 6	200	100	100
<i>Advertising</i>				
<i>Electric Telegraph</i>				
Salaries of Superintendents & Assistants				
Signallers	7,329 15 2	6,200	6,200	6,500
Travelling Expenses				
Office Expenses, Contingencies &c.		200	200	200
Maintenance Labor Stores				
<i>Unclassified Expenditure</i>				
<i>Special and Miscellaneous Expenditure</i>				
Law Charges	126 0 0	400	250	250
Compensation	221 2 8	400	400	400
For Goods lost or damaged				
For personal injury				
For other claims	10,609 12 11	10,400	7,000	7,000
Rates and Taxes				
Contributions to Special Funds	10,000 0 0	10,000	10,000	10,000
Fire Insurance Fund	820 15 3			
Miscellaneous				
		5,24,000		
		24,000		
<i>Allocated by the Government of India</i>				
	4,48,220 11 3	5,00,000	4,43,130	5,74,700

William A. Betts.
agent

Nagapattinam.
Agents Office Octbr. 1871.

No 165

With the foregoing
letter the Local Engineer
for Railways submits
the Railway Budget
Estimates for 1872/73.

State Expenditure.

The estimate of State
outlay on Establishments
amounts to Rs 80,447
against Rs 73,400 sanc-
tioned by the Govt of
India for the current year.
This excess is due to the
expected return of the
permanent incumbent
of the appointment of

P. B. S. 4/1/72.
Secy. to Govt.
L. B. S.

and passed by this
Government, and as
compared with the
Regular Estimate of the
current year.

	Budget Estimate of 1870/73	Regular Estimate of 1871/72
<u>State Expenditure</u>		
Establishment	20,400	73,700
Purchase of land	2,57,700	1,71,600
	<u>2,78,100</u>	<u>2,45,300</u>

State Revenue 28,01,649 29,70,970

Advances on Construction Account

Gross advances	28,40,200	36,41,700
Refunds	15,00,000	13,20,000
Net advances	<u>13,40,200</u>	<u>13,41,700</u>
Gross advances	17,50,000	5,58,170
Refunds	5,000	5,000
Net advances	<u>17,45,000</u>	<u>5,53,170</u>

Carnatic Railway. Gross advances 7,55,770 2,41,573 0

Revenue Account

Gross earnings	60,00,000	61,00,000
Working expenses	35,00,000	36,06,900
Net Revenue	<u>25,00,000</u>	<u>26,93,100</u>

Great Southern
Indian Railway

Gross earnings	8,66,800	11,000
Working expenses	5,74,700	4,42,130
Net Revenue	<u>2,92,100</u>	<u>2,67,870</u>

Carnatic
Railway

Gross earnings	41,000	34,500
Working expenses	28,451	24,450
Net Revenue	<u>12,549</u>	<u>10,050</u>

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The Com. Engineer
for Railways

Sept 22-1-72

Ordered that the
following letter be sent.

No. 166.

The Secy: to the Govt.
of India, P. & S.

Sir,

I am directed to
forward the Budget
Estimates of the Railway
Department for 1872/73
prepared.

prepared in accordance
with the forms furnished
with the Resolution
of the Govt of India,
dated 17 July 1871,
No. 437 A R

[Signature]

Decr 22nd Jan 1872

with 30 Copies of G.O. No. 165/72

11235

1871 Madras.

BLIC WORKS.

Consulting Engineer for
Railways

and
the Secretary to
the Government

Dated

5.1

Recd.

23

G.O. 19th Jan 1872 No 165-16

Nos. 225-226+227

1873 Paper
in letter from the
Hon. Secy to Govt.
to the Hon. Secy to Govt.