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MADRAS RECORD OFFICE

Government of Madras

Public works DEPARTMENT

G.O. No. 3021 Press

~~B.P. No.~~ ~~Mis.~~

263-264.

Dated 16-12-1873 ~~195~~.

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No. 263. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 28th November 1873, No. 640:—

I HAVE the honour to submit the Regular Estimate of the Madras Railway for the current year, and the Budget Estimate for 1874-75, with the following note:—

2. ADVANCES ON CAPITAL ACCOUNT.—*Regular Estimate*, 1873-74.—The Regular Estimate now submitted by the Railway authorities, as compared with the sanctioned Budget Estimate, shows a considerable decrease under advances, and a large increase under refunds, the figures being as follow:—

		Advances.	Refunds.
Sanctioned Budget Estimate	Rs.	15,99,614	14,00,000
Regular Estimate	,,	14,70,933	16,90,009

the sanctioned net cash demand being Rupees 1,99,614, whereas according to the Regular Estimate the refunds are expected to exceed the gross advances by Rupees 2,19,067.

3. The greater part of the difference in the cash outlay is accounted for by a decrease of Rupees 2,34,749 in the Engineering Department, and an increase of Rupees 1,31,290 under the head Stores. The anticipated decrease in the Engineering Department is chiefly under the following works:—

	Rs.
Protective works to Palar, Poiney, and Goriattum bridges ...	1,36,000
Neilgherry branch	40,000
Huggry bridge	38,642
Total ...	2,14,642

final sanction to the estimates of the protective works was not obtained as early as was expected; and, owing to ill-health having necessitated the departure to England of one of the staff, no Engineer is at present available for the charge of these works, but the Railway authorities are fully alive to the importance of their being carried out as quickly as possible, and, on the arrival of another Engineer from England, they will be pushed on with vigour. The expenditure necessary for the completion of the Neilgherry branch was over-estimated, and the reduction under the Huggry bridge is due to the cylinders having only now commenced to arrive from England.

4. The increase of Rupees 1,31,290 under the head Stores is considered unnecessary, and it is recommended that the sanctioned amount, Rupees 5,75,520, be adhered to. The expenditure during the first five months of the year averaged about Rupees 45,000; and, unless there be any extraordinary purchases during the remainder of the year, it would seem improbable that the sanctioned estimate will be exceeded. The Examiner of Railway Accounts, in regard to this question, states that the amount entered by the Railway authorities was arrived at by adding together estimates furnished by each department of the purchases to be made for it; and, as it is not improbable that each department may have allowed a margin, this is perhaps the reason of the total estimate being so large.

The Examiner also points out that the proportion of the Engineering Establishment charges to be borne by Capital has been over-estimated, the rate per cent. authorized to be charged upon Capital cash expenditure for Engineer supervision having been taken upon the total estimated cash outlay in Engineering Department; while, in addition to this, provision has been made for debiting the cost of the staff engaged upon certain works direct to Capital. If the percentage rate is to apply to these works, the direct charges are inadmissible, and it is recommended that the estimate of Rupees 1,49,068 be reduced by Rupees 95,000. These alterations will effect a total reduction of Rs. 1,85,358, and the estimate of gross advances will then stand at Rupees 12,85,575.

	RS.
Stores	1,31,290
Establishment	54,068
	1,85,358
Regular Estimate	14,70,933
Revised Estimate	12,85,575

5. The increase of Rs. 2,90,000 under refunds is chiefly due to an anticipated total issue of stores to the value of Rupees 2,25,000 for the new Cheyaur bridge, and the estimate of Rs. 16,90,000 may be accepted.

6. *Budget Estimate*, 1874-75.—The Capital cash outlay is estimated by the Railway authorities at Rupees 14,66,893; but, for the reasons given above with reference to the Regular Estimate, the following reductions are recommended:—

Stores from Rupees 7,12,870 to Rupees 5,75,000.

Establishment from Rupees 1,07,708 to Rupees 85,000, when the total of the estimate will stand at Rupees 13,06,315.

	RS.
Reduction on stores	1,37,870
Do. on establishment ...	22,708
	1,60,578
Budget Estimate	14,66,893
Revised Estimate	13,06,315

7. The following are the unsanctioned works which appear to call for explanation.

Smithy, Rupees 1,00,000.—The present smithy is small and unsuitable, and a boiler-shop being much required, it is proposed that this shall be placed in the present building, and that a new smithy shall be erected.

Foundry, Rupees 69,000.—The original building at Royapooram was only intended as a temporary arrangement, and having now been pronounced by the Chief Engineer to be unsafe, it is proposed to erect a new foundry at Perambore.

Goods Brake-vans (six), Rupees 36,000.—Provision for six extra brake-vans was made in the current year's Budget; but the allotment having been appropriated for the new second-class carriages for which estimates have been submitted, they are entered in next year's Budget. It is proposed to construct them of iron to accommodate small consignments of combustibles.

Locomotives (ten), Rupees 3,55,000.—These are urgently necessary, the present stock being insufficient for the traffic requirements. The Agent proposes to purchase as many as possible in India, and is now in treaty for four engines belonging to the Calcutta and South-Eastern (State) Railway. Should it prove impossible to

obtain suitable engines in this country, they will be got from England. A number of duplicate parts now in stock will be used up, the engines being sent out incomplete so far as these parts are concerned.

Inspection Carriage for Telegraph Engineer, Rupees 3,840.—This is intended to facilitate the inspection of the line, and to carry the instruments necessary for testing the wires or for restoring communication. In the latter case the carriage would be used as a temporary office.

8. The refunds are estimated at Rupees 15,00,000, which figure being accepted, the estimate of advances and refunds on Capital Account, as recommended for sanction, will stand thus:—

—	Regular Estimate, 1873-74.	Budget Estimate, 1874-75.
	RS.	RS.
Advances	12,89,643	13,06,315
Refunds	16,90,000	15,00,000
Net Cash Demands...	4,00,357	1,93,685

9. Revenue Account.—*Regular Estimate*, 1873-74.—The Regular Estimate, as submitted by the Railway authorities, shows a considerable reduction on the sanctioned Budget Estimate both in receipts and working expenses, the figures being as follow:—

—	Receipts.	Expenditure.	Balance.
	RS.	RS.	RS.
Sanctioned Budget Estimate...	69,30,000	42,45,000	26,85,000
Regular Estimate	65,61,000	39,60,328	26,00,672

10. It is thought that the gross receipts have been under-estimated, while the working expenses are susceptible of a small reduction. The receipts from coaching may, it is considered, be increased by Rupees 50,000, and those from goods by Rupees 1,00,000, bringing the total receipts up to Rupees 67,11,000. The present stagnation in trade somewhat affects the traffic receipts, but it is hoped that business will improve during the remaining months of the year. The opening of the Neilgherry branch on 1st September 1873 will also add to the future monthly receipts.

11. The working expenses are set down at Rupees 39,60,328, of which the sum of Rupees 3,64,380 is on account of the Cheyaur bridge. The only reduction which is thought feasible is in the traffic expenses, which show a large excess over the actuals of 1872-73. The expenditure in this department for the half-year ended 30th June last was Rupees 2,73,431, and this doubled gives Rupees 5,46,862. The recently opened Neilgherry branch will entail a small additional expenditure; but as a set-off against this may be put the extra charges involved by the special train

service for the Nizam's railway material during last half-year. It is thought that a sum of Rupees 5,75,000 will amply provide for all requirements; and, by substituting this amount for Rupees 6,14,637 to

Rs.	
39,60,328	Es
39,637	te
39,20,691	ee

the total estimate of Revenue expenditure will stand at Rupees 39,20,691.

It may be stated that the wide difference between the Sanctioned and Regular Estimates in the Engineering Department is mainly owing to provision having been made in the former for the renewal of the road between Muddikerry and Beyporo (ninety-eight miles) with iron-pot sleepers, while the Government of India have only sanctioned the renewal between Muddikerry and Palghaut, a distance of twenty-four miles.

12. *Budget Estimate*, 1874-75.—The total receipts are estimated at Rupees 62,21,000, and the working expenses at Rupees 39,57,769. Looking to the development of traffic which may be expected, it is thought that the estimated receipts from coaching may be increased by Rupees 1,25,000, and those from goods by Rupees 1,00,000, making the total receipts Rupees 64,46,000.

13. The estimated expenditure in the Locomotive Department is large, owing to the heavy repairs and renewals which are now necessary to many of the locomotives, and to the enhanced cost of fuel, and it is not proposed to reduce the estimate under this head. It is thought, however, that the traffic expenses may be reduced to Rupees 5,75,000, as recommended for the current year. The large increase entered under this head, seeing that no additional traffic is anticipated, appears unnecessary. By this reduction the working expenses will stand at Rs. 38,47,809.

14. The Revenue estimate, as revised in the foregoing note, will be as follows:—

—	Regular Estimate, 1873-74.	Budget Estimate, 1874-75.
	Rs.	Rs.
Receipts	67,11,000	64,46,000
Expenditure	39,20,691	38,47,809
Balance...	27,90,309	25,98,191
Percentage of expenses to receipts	58·4	59·7

Proceedings of the Madras Government, Public Works Department,
16th December 1873.

CAPITAL ACCOUNT.

Estimate of Cash Expenditure in India on the Madras Railway for the year 1874-75.

—	Actuals in 1872-73.	Sanctioned Estimate, 1873-74.	Regular Estimate, 1873-74.	Budget Estimate, 1874-75.
CASH OUTLAY.	Rs.	Rs.	Rs.	Rs.
Engineer's Department.				
Sanctioned works as per Schedule A ...	6,70,018	2,71,227	4,42,354	3,00,074
Works to be sanctioned do. B ...	1,35,675	4,41,115	24,285	1,85,022
Minor works do. C ...	6,453	19,996	30,950	36,338
Locomotive Department.				
Sanctioned works as per Schedule A ...	.....	.....	.....	.....
Works to be sanctioned do. B ...	.....	10,000	.....	10,500
Minor works do. C ...	.....	.....	.....	.....
Carriage and Wagon Department.				
Sanctioned works as per Schedule A ...	20,322	27,267	25,223	11,299
Works to be sanctioned do. B ...		20,663	13,086	35,499
Minor works do. C ...	52,021	80,491	79,157	67,583
Traffic Department.				
Works to be sanctioned as per Schedule B...	.....	10,000	.....	.....
Establishments chargeable to Capital as per General Estimate of Establishments D ...	1,34,679	1,43,335	1,49,068	1,07,708
Stores as per Schedule E	4,97,279	5,75,520	7,06,810	7,12,870
Total ...	15,16,447	15,99,614	14,70,933	14,66,893
Receipts to be credited to Capital Account.				
Shares paid in India...	.....	.....	.....	.....
Refunds, etc.	12,17,357	14,00,000	16,90,000	15,00,000
Total Receipts ...	12,17,357	14,00,000	16,90,000	15,00,000
Net Cash Demands of the year ...	2,99,090	1,99,614	2,19,067	33,107

REVENUE ACCOUNT.

Estimate of Revenue of the Madras Railway for the year 1874-75.

—	Actuals in 1872-73.	Sanctioned Estimate, 1873-74.	Regular Estimate, 1873-74.	Budget Estimate, 1874-75.
Receipts as per Schedule F.	Rs.	Rs.	Rs.	Rs.
Coaching Traffic	24,75,873	23,50,000	23,75,000	23,75,000
Goods Traffic	38,46,628	40,00,000	36,00,000	36,00,000
State Railway Materials		3,80,000	3,50,000	.....
Electric Telegraph Earnings...	21,346	22,000	16,000	16,000
Sundries	1,98,950	1,78,000	2,20,000	2,30,000
Total Receipts ...	65,42,797	69,30,000	65,61,000	62,21,000
Expenditure as per Schedule G.				
Maintenance of Way, Works, and Stations...	9,17,974	13,20,000	10,05,000	10,95,000
Locomotive Expenses...	11,11,385	13,75,178	12,21,170	12,91,540
Carriage and Wagon Expenses	2,13,616	2,56,209	2,28,888	2,98,860
Traffic Expenses	5,28 180	6,14,637	6,14,637	6,84,960
General Charges	3,31,619	3,58,159	4,21,253	4,23,942
Special and Miscellaneous Expenditure ...	85,170	1,62,000	1,05,000	1,17,000
Cheyair Bridge Restoration	1,27,924	1,58,817	3,64,380	41,467
Total Expenditure ...	33,18,868	42,45,000	39,60,328	39,57,769
Balance ...	32,23,929	26,85,000	26,00,672	22,63,231

SCHEDULE A.—SANC

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Budget Estimate of the Madras

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Railway for the year 1874-75.

Details.	Number and Date of sanction.	Amount of Estimate.			Expenditure up to close of Official year 1872-73.			Probable Expenditure during the year 1873-74.			Estimated Expenditure in 1874-75.			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.		RS.	RS.	RS.	RS.	RS	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Construction of Line.														
Neilgherry Branch Line	G. O. No. 355, dated 6th Feb. 1872. C. E. No. 464, dated 19th June 1872. C. E. No. 659, dated 19th Aug. 1872. C. E. No. 698, dated 30th Aug. 1872.	11,10,704	7,53,768	18,64,472	6,76,950	6,68,262	13,45,212	60,000	50,000	1,10,000	37,500	12,500	50,000	25,000
Bridge-work.														
Protective Works, Palar Bridge ...	C. E. No. 898, dated 26th Sept. 1873.	60,493	968	61,461	...	16	16	30,000	...	30,000	30,493	952	31,445	...
Do., Poiney Bridge ...	Do. do.	1,82,501	3,430	1,85,931	...	...	...	60,000	...	60,000	1,22,501	3,430	1,25,931	...
Do., Goriattum Bridge	Do. do.	78,409	2,040	80,449	...	...	...	40,000	...	40,000	38,409	2,040	40,449	...
Bridge over the Huggry River ...	G. O. No. 2,911, dated 16th Nov. 1871.	2,68,058	3,19,700	5,87,758	1,12,887	2,57,861	3,70,748	90,000	60,000	1,50,000	65,171	1,839	67,010	...
Re-constructing Bridge at 286th mile, 14th Telegraph Post, Bellary Branch.	G. O. No. 519, dated 26th Feb. 1872.	8,421	7,079	15,500	8,421	5,197	13,618	...	1,882	1,882	...	...	...	...
Stations and Buildings.														
Madras Central Station	G. O. No. 2,192, dated 22nd July 1867. G. O. No. 1,163, dated 17th April 1868. G. O. No. 3,189, dated 2nd Oct. 1869.	6,29,679	2,91,076	9,20,755	5,70,569	2,61,842	8,32,411	53,110	25,234	78,344	6,000	4,000	10,000	...
Alterations and additions to Permanent-way, new Central Station	G. O. No. 1,617, dated 4th July 1872.	3,538	6,886	10,424	216	4,998	5,214	3,322	1,888	5,210	...	...	...	...
Doubling the line between Salt Cotaur Branch and new Central Station.	C. E. No. 96, dated 29th Jan. 1873.	29,874	45,233	75,107	320	8,292	8,612	29,554	36,941	66,495	...	...	...	...
Alterations and additions to the Salem Station.	C. E. No. 993, dated 29th Nov. 1872.	6,468	340	6,808	177	76	253	6,291	264	6,555	...	...	...	...
Alterations and additions to Arconum Station.	C. E. No. 388, dated 22nd April 1873.	6,950	2,061	9,011	...	...	...	6,950	2,061	9,011	...	...	...	...
New Staff Bungalow at Raichore...	C. E. No. 1,027, dated 10th Dec. 1872.	10,978	.....	10,978	8,523	...	8,523	2,455	...	2,455	...	...	...	...
Covered platform at Raichore ...	G. O. No. 2,809, dated 22nd Nov. 1870.	16,923	5,400	22,323	8,608	5,178	13,786	8,315	222	8,537	...	...	...	...
Supplementary estimate of works in the Station-yard at Raichore.	G. O. No. 960, dated 12th April 1872.	10,506	21,640	32,146	...	...	...	10,506	21,640	32,146	...	...	...	...
Additional watering arrangements at Raichore.	C. E. No. 111, dated 1st Feb. 1873.	3,026	2,424	5,450	...	...	...	3,026	2,424	5,450	...	...	...	...
Dwelling-houses for Native Clerks of the Traffic Department at Raichore.	G. O. No. 1,608, dated 4th July 1872, and C. E. No. 698, dated 30th Aug. 1872.	5,372	.....	5,372	4,940	...	4,940	41	...	42	...	...	...	...
Resident Engineer's Bungalow at Ghooty.	C. E. No. 489, dated 27th May 1873.	7,540	.....	7,540	...	...	...	7,540	...	7,540	...	...	...	...
Raichore Station	G. O. No. 960, dated 12th April 1872.	2,67,762	1,26,181	3,93,943	2,28,300	1,53,659	3,81,959	4,547	...	4,547	...	...	...	...

Budget Estimate of the Madras

Details.	Number and Date of sanction.	Amount of Estimate.		
		Cash outlay in India.	Value of English Stores.	Total Expenditure.
Stations and Buildings.—(Concld.)		RS.	RS.	RS.
Pothanore Junction	C. E. No. 671, dated 21st Aug. 1872.	23,628	30,871	54,499
Coimbatore Station	G. O. No. 3,044, dated 1st Dec. 1871. C. E. No. 475, dated 24th June 1872.	67,987	42,472	1,10,459
Karamady do.	G. O. No. 772, dated 18th March 1872.	17,885	10,831	28,716
Tudialore do.	G. O. No. 1,605, dated 15th June 1871.	12,061	7,171	19,232
Mettapolliem do.	G. O. No. 1,760, dated 26th July 1872.	67,064	45,218	1,12,282
New Drain at Royapooram ...	C. E. No. 754, dated 19th Aug. 1873.	5,542	...	5,542
Ballast and Permanent-way.				
Renewing the Line between Avenashy and Muddikerry with iron-pot sleepers.	G. O. No. 1,644, dated 19th June 1871.	...	1,38,045	1,38,045
Renewing the Line between Muddikerry and Palghaut with iron-pot sleepers.	C. E. No. 571, dated 25th June 1873.	...	36,782	36,782
Electric Telegraph.				
Telegraph Line from Coimbatore to Mettapolliem, Neilgherry Branch.	C. E. No. 903, dated 5th Nov. 1872.	5,631	18,744	24,378
Works sanctioned in the old form of Accounts.				
District No. 11, Section I., North-West Line.	C. E. No. 318, dated 22nd June 1866. C. E. No. 172, dated 31st July 1867. G. O. No. 1,623, dated 22nd May 1868. C. E. No. 360, dated 20th Oct. 1868. G. O. No. 1,530, dated 24th June 1870.	5,37,367	3,42,871	8,80,238
District No. 11, Section II., North-West Line.	C. E. No. 199, dated 4th Sept. 1867. C. E. No. 136, dated 8th May 1868. C. E. No. 360, dated 20th Oct. 1868. G. O. No. 1,530, dated 24th June 1870.	6,59,638	3,49,051	10,08,689

Railway for the year 1874-75.—(Continued.)

Expenditure up to close of Official year 1872-73.			Probable Expenditure during the year 1873-74.			Estimated Expenditure in 1874-75.			Estimated Expenditure in future years.
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.
7,374	27,589	34,963	5,000	1,000	6,000	...	...	...	...
48,720	37,091	85,811	1,000	2,000	3,000	...	...	...	...
12,016	10,244	22,260	500	500	1,000	...	...	...	...
7,043	7,033	14,076	500	500	1,000	...	...	...	...
34,193	40,554	74,747	6,000	1,000	7,000	...	...	...	...
...	...	...	5,542	...	5,542	...	...	...	...
...	68,324	68,324	...	50,000	50,000	...	19,721	19,721	...
...	...	...	...	6,000	6,000	...	9,000	9,000	21,782
2,191	18,021	20,212	3,443	723	4,166	...	...	...	...
4,27,243	1,49,621	5,76,864	2	...	2	...	...	...	...
5,71,162	1,20,153	6,91,315	129	...	129	...	...	...	...

Budget Estimate of the Madras Railway for the year 1874-75.—(Continued.)

Details.	Number and Date of Sanction.	Amount of Estimate.			Expenditure up to close of Official year 1872-73.			Probable Expenditure during the year 1873-74.			Estimated Expenditure in 1874-75.			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.	
Works sanctioned in the old form of Accounts.—(Continued.)		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
District No. 12, Section I., North-West Line.	C. E. No. 69, dated 4th March 1867. C. E. No. 275, dated 20th Nov. 1867. C. E. No. 428, dated 21st Feb. 1868. C. E. No. 360, dated 20th Oct. 1868. C. E No. 373, dated 5th Nov. 1868. C. E. No. 3,989, dated 22nd Dec. 1868. G. O. No. 165, dated 14th Jan. 1870.	6,86,109	4,86,273	11,72,382	5,71,737	4,59,924	10,31,661	518	...	518	...	...	...	...
District No. 13, North-West Line.	C. E. No. 213, dated 26th April 1870. G. O. No. 3,781, dated 3rd Dec. 1868. G. O. No. 4,001, dated 21st Dec. 1869.	4,69,849	3,08,297	7,78,146	4,07,979	3,30,075	7,38,054	592	...	592	...	...	...	...
Do. 14, do. ...	C. E. No. 213, dated 26th April 1870. G. O. No. 904, dated 19th March 1869.	5,96,216	3,07,361	9,03,577	4,98,849	2,99,302	7,98,151	315	...	315	...	...	...	...
Do. 15, do. ...	C. E. No. 3,499, dated 10th Nov. 1868.	5,65,801	3,12,026	8,77,827	4,39,469	3,09,417	7,48,886	494	...	494	...	...	...	...
Do. 16, do. ..	G. O. No. 4,002, dated 21st Dec. 1869. G. O. No. 421, dated 9th February 1869. C. E. No. 422, dated 4th September 1869.	6,34,726	3,03,073	9,37,799	4,75,691	2,81,181	7,56,872	99	...	99	...	...	...	...
Do. 17, do. ..	G. O. No. 4,002 dated 21st Dec. 1869. G. O. No 1,530, dated 24th June 1870. G. O No. 1,727, dated 27th May 1869.	5,79,233	3,01,238	8,80,471	4,77,325	3,08,054	7,85,379	174	...	174	...	...	...	...
Do. 18, do. ..	G. O. No. 4,002, dated 21st December 1869. C. E. No. 308, dated 24th September 1868.	6,52,351	3,07,217	9,59,568	5,42,327	3,44,708	8,87,035	137	...	137	...	...	...	...
Do. 19, do. ...	C. E. No. 96, dated 9th March 1869. G. O. No. 2,761, dated 23rd August 1869.	10,01,791	4,69,593	14,71,384	8,44,290	5,08,778	13,53,068	117	...	117	...	...	...	...
Do. 20, do. ...	G. O. No. 1,530, dated 24th June 1870. G. O. No. 1,795, dated 1st June 1869. G. O. No. 3,092, dated 22nd September 1869. G. O. No. 1,530, dated 24th June 1870. C. E. No. 163, dated 1st April 1870. C. E. No. 295, dated 13th June 1870.	8,45,078	4,76,546	13,21,624	6,21,389	4,57,068	10,78,457	2,080	...	2,080	...	...	...	...

Budget Estimate of the Madras Railway

Details.	Number and Date of Sanction.	Amount of Estimate.			Expenditure up to close of Official year 1872-73.			Probable Expenditure during the year 1873-74.			Estimated Expenditure in 1874-75.			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.	
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Works sanctioned in the old form of Accounts.—(Concluded.)														
Bellary Branch	G. O. No. 1,616, dated 17th May 1869. C. E. No. 592, dated 25th November 1869. C. E. No. 49, dated 3rd February 1870. C. E. No. 213, dated 26th April 1870. C. E. No. 262, dated 27th May 1870.	3,62,622	1,56,418	5,19,040	3,23,988	1,50,614	4,74,602	41	...	14	...	...	...	...
Mutmurri Station	G. O. No. 3,092, dated 22nd September 1869. G. O. No. 372, dated 7th February 1871.	60,494	22,262	82,756	34,099	34,469	68,568	14	...	14	...	...	...	...
	Total, Engineer's Department.	105,58,278	60,60,586	166,18,864	79,66,996	53,27,601	132,94,597	4,42,354	2,64,279	7,06,633	3,00,074	53,482	3,53,556	46,782
Locomotive Department.														
Nil.														
Carriage and Wagon Department.														
290 Second-class Composites and Third-class Carriages to be fitted with sun-shades.	G. O. No. 779, dated 12th March 1870.	16,520	20,560	37,080	12,223	12,941	25,164	2,148	3,810	5,958	2,149	3,809	5,958	...
2,890 Wagons to be fitted with Axle-box keeps (oil.)	G. O. No. 3,066, dated 29th September 1868. G. O. No. 401, dated 8th February 1869.	20,230	37,570	57,800	7,645	14,854	22,499	3,435	5,787	9,222	9,150	16,929	26,079	...
6 Night Composite Carriages. 4 Double Saloon First-class Night Carriages.	G. O. No. 1,716, dated 17th July 1872.	20,300	39,900	60,200	15,117	31,882	46,999	5,183	8,018	13,201	...	...	...	...
20 { 10 Open-sided goods, 3 High-sided open goods, 7 Coke Wagons, } To be converted into Covered goods wagons & the 10 open-sided goods to be also fitted with brake apparatus.	G. O. No. 788, dated 13th March 1873.	8,117	15,129	23,246	554	842	1,396	7,563	14,287	21,850	...	...	...	...
2 Invalid Carriages					2,071	5,665	7,736	869	1,135	2,004	...	...	...	...
2 Saloon Carriages for His Excellency the Governor.	G. O. No. 1,633, dated 6th July 1872.	2,940	6,800	9,740	...	...	...	4,900	10,100	15,000	...	...	...	...
15 Coke Wagons to be converted into Cooly Class Carriages.	C. E. No. 436, dated 10th May 1873.	4,900	10,100	15,000	...	...	...	1,125	3,375	4,500	...	...	...	...
	C. E. No. 112, dated 1st February 1873.	1,125	3,375	4,500										
	Total, Carriage and Wagon Dept.	74,132	1,33,434	2,07,566	37,610	66,184	1,03,794	25,223	46,512	71,735	11,299	20,738	32,037	...
	Total, Schedule A ...	1 06,32,410	61,94,020	168,26,430	80,04,606	53,93,785	133,98,391	4,67,577	3,10,791	7,78,368	3,11,373	74,220	3,85,593	46,782

SCHEDULE B.—WORKS

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Budget Estimate of the Madras

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TAL.

Railway for the year 1874-75.

Details.	Number and Date of Sanction.	Amount of Estimate.			Expenditure up to close of Official year 1872-73.			Probable Expenditure during the year 1873-74.			Estimated Expenditure in 1874-75.			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.	
		RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
ENGINEER'S DEPARTMENT.														
Bridge Work.														
Protective works for the Naggery Bridge	.....	43,415	1,023	44,438	...	...	...	12,000	...	12,000	31,415	1,023	32,438	...
Stations and Buildings.														
Doubling the line between Veyasarapady Junction and Perambore Station	.....	5,792	38,222	44,014	...	...	...	3,000	30,000	33,000	2,792	8,222	11,014	...
Shed over Goods-shed platform at Vellore Station	.....	4,011	3,907	7,918	...	...	...	2,000	2,000	4,000	2,011	1,907	3,918	...
Additional siding and alteration to Water Column at Pothanore Junction	.....	1,428	4,665	6,093	...	...	...	1,428	4,665	6,093	...	...	...	...
Through siding required by Traffic Department at Jollarpett ...	.....	1,655	10,963	12,618	...	...	...	1,000	8,000	9,000	655	2,963	3,618	...
Loading Gauges required for stations on the open line	.....	9,679	473	10,152	...	...	...	...	...	...	9,679	473	10,152	...
New Smithy at Perambore ...	.....	36,000	64,000	1,00,000	...	...	...	...	...	...	36,000	64,000	1,00,000	...
Brass and Iron Foundry and Tank at Perambore.	.....	30,000	39,000	69,000	...	...	...	...	...	...	30,000	39,000	69,000	...
Making up ground for Smithy and Foundry at Perambore	.....	5,500	.....	5,500	...	...	...	...	...	...	5,500	...	5,500	...
Additional Guards' Barracks at Salem	.....	5,600	.....	5,600	...	...	...	...	...	...	5,600	...	5,600	...
Additional siding required at Jollarpett Station	.....	1,277	7,266	8,543	...	...	...	...	...	...	1,277	7,266	8,543	...
Thirty houses for Native Firemen at Jollarpett	.....	5,612	.....	5,612	...	...	...	...	...	...	5,612	...	5,612	...
Refreshment-room with Kitchen and Godown at Triputty ...	.....	6,363	.....	6,363	...	...	...	...	...	...	6,363	...	6,363	...
Refreshment-room with Kitchen and Godown at Ghooty	.....	5,557	.....	5,557	...	...	...	...	...	...	5,557	...	5,557	...
Refreshment-room with Kitchen and Godown at Cuddapah ...	.....	5,557	.....	5,557	...	...	...	...	...	...	5,557	...	5,557	...
Electric Telegraph.														
Renewing Wooden Telegraph Poles on the South-West Line with Siemen's and Hamilton's Standards	.....	.....	29,180	29,180	...	...	...	...	29,180	29,180	...	...	...	...
New Batteries for Electric Telegraph Department	.....	.....	11,040	11,040	...	...	...	...	...	...	...	11,040	11,040	...
Unforeseen requirements	.....	41,861	52,435	94,296	...	...	...	4,857	18,461	23,318	37,004	33,974	70,978	...
Total, Engineer's Department...	.....	209,307	2,62,174	4,71,481	...	...	...	24,285	92,306	1,16,591	1,85,022	1,69,868	3,54,890	...
LOCOMOTIVE DEPARTMENT.														
10 Locomotives with Tenders ...	.....	5,000	3,50,000	3,55,000	...	...	...	...	...	...	5,000	3,50,000	3,55,000	...
Reserve to meet unforeseen expenditure.	.....	5,500	11,000	16,500	...	...	...	...	...	...	5,500	11,000	16,500	...
Total, Locomotive Department...	.....	10,500	3,61,000	3,71,500	...	...	...	...	...	...	10,500	3,61,000	3,71,500	...

Budget Estimate of the Madras

Details.	Number and Date of Sanction.	Amount of Estimate.		
		Cash outlay in India.	Value of English Stores.	Total Expenditure.
CARRIAGE AND WAGON DEPARTMENT.		RS.	RS.	RS.
1 Inspection Carriage	.....	2,035	4,235	6,270
9 Second-class Carriages ...	.....	11,610	24,732	36,342
4 Double Saloon First-class Night Carriages.	.....	8,660	16,200	24,800
6 Goods Brake Vans (iron) ...	.....	7,200	28,800	36,000
30 Open-sided Goods Wagons to be converted into Covered Goods Wagons (proportion of expenditure chargeable to Capital).	.....	11,043	18,242	29,285
Reserve to meet unforeseen expenditure.	.....	8,097	18,442	26,539
Total, Carriage and Wagon Dept...		48,585	1,10,651	1,59,236
Total, Schedule B...		2,68,392	7,33,825	10,02,217

Railway for the year 1874-75.—(Concluded.)

Expenditure up to close of Official year 1872-73.			Probable Expenditure during the year 1872-73.			Estimated Expenditure in 1874-75.			Estimated Expenditure in future years.
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.
...	...	...	2,035	4,235	6,270	...	...	...	...
...	...	...	8,870	16,130	25,000	2,740	8,602	11,342	...
...	...	...	...	...	...	8,600	16,200	24,800	...
...	...	...	...	...	...	7,200	28,800	36,000	...
...	...	...	...	...	...	11,043	18,242	29,285	...
...	...	...	2,181	4,073	6,254	5,916	14,369	20,285	...
...	...	...	13,086	24,438	37,524	35,499	86,213	1,21,712	...
...	...	...	37,371	1,16,744	1,54,115	2,31,021	6,17,081	8,48,102	...

SCHEDULE C.—

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MINOR WORKS.

Budget Estimate of the Madras

TAL.

Railway for the year 1874-75.

Details.	Number and Date of Sanction.	Amount of Estimate.			Expenditure up to close of Official year 1872-73.			Probable Expenditure during the year 1873-74.			Estimated Expenditure in 1874-75.			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.	
ENGINEERS' DEPARTMENT.														
Level Crossings.		RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Six additional Watchmen's Huts on 3rd Division, North-West Line.	C. E. No 353, dated 16th April 1873.	1,140	...	1,140	...	...	...	1,140	...	1,140	...	...	...	...
Stations and Buildings.														
New Station-house at Veerinjeepooram	C. E. No. 823, dated 9th October 1872.	1,378	...	1,378	...	...	...	1,378	...	1,378	...	...	...	...
Over-bridge and Native Urinals at Erode Station	C. E. No. 40, dated 15th January 1873.	3,022	240	3,262	1,879	76	1,955	1,143	164	1,307	...	...	...	...
Engine Driver's Bungalow at Cuddapah	C. E. No. 87, dated 27th January 1873.	3,603	...	3,603	1	...	1	3,602	...	3,602	...	...	...	...
Rest-house and Urinals at Goondacul	C. E. No. 343, dated 8th May 1872.	1,596	...	1,596	47	...	47	1,549	...	1,549	...	...	...	...
Erecting a five-ton Crane at Coimbatore Station	C. E. No. 315, dated 28th March 1873.	1,014	1,335	2,349	...	...	...	1,014	1,335	2,349	...	...	...	...
Fuel Stagings at Mullapooram ...	C E. No. 493, dated 28th May 1873.	1,221	...	1,221	...	...	...	1,221	...	1,221	...	...	...	...
Permanent-way Inspector's Bungalow at Arconum	C. E. No. 489, dated 27th May 1873. and C. E. No. 766, dated 22nd August 1873	2,817	...	2,817	...	...	...	2,817	...	2,817	...	...	...	...
Over-bridge at Raichore	C. E. No. 530, dated 12th June 1873.	2,453	2,332	4,785	...	...	...	2,453	2,332	4,785	...	...	...	...
Post Office at Mettapolliem ...	C. E. No. 481, dated 23rd May 1873.	1,493	...	1,493	...	...	...	1,493	...	1,493	...	...	...	...
Latrines for third-class Passengers at Coimbatore Station ...	C. E. No 686, dated 31st July 1873.	958	104	1,062	...	...	...	958	104	1,062	...	...	...	...
Post Office at Arconum	Unsanctioned	1,902	...	1,902	...	...	...	1,000	...	1,000	902	...	902	...
Alteration of Station Out-offices at Arconum...	Do.	1,879	116	1,995	...	...	...	1,000	116	1,116	879	...	879	...
Weigh-bridge and Office at Arcot Station	Do.	1,421	1,840	3,261	...	...	...	800	1,840	2,640	621	...	621	...
Weigh-bridge and Office at Adoni Station	Do.	1,565	1,840	3,405	...	...	...	800	1,840	2,640	765	...	765	...
Double Engine-pit at Raichore Station	Do.	1,825	18	1,843	...	...	...	1,000	18	1,018	825	...	825	...
Coke Platform at Raichore ...	Do.	1,554	...	1,554	...	...	...	1,000	...	1,000	554	...	554	...
Single Engine-Driver's Bungalow at Raichore	Do.	3,872	35	3,907	...	...	...	2,000	35	2,035	1,872	...	1,872	...
Ten houses for Native Firemen at Triputty	Do.	2,240	...	2,240	...	...	...	...	...	...	2,240	...	2,240	...
One single Engine-Driver's Bungalow at Triputty	Do.	3,900	...	3,900	...	...	...	...	...	...	3,900	...	3,900	...
Permanent-way Inspector's Bungalow at Cuddapah	Do.	3,900	...	3,900	...	...	...	...	...	...	3,900	...	3,900	...
Ten houses for Native Firemen at Ghooty	Do.	2,240	...	2,240	...	...	...	...	...	...	2,240	...	2,240	...
Ten house for Native Firemen at Raichore	Do.	2,240	...	2,240	...	...	...	...	...	...	2,240	...	2,240	...

Budget Estimate of the Madras Railway for the year 1874-75.—(Concluded.)

Details.	Number and Date of Sanction	Amount of Estimate.			Expenditure up to close of Official year 1872-73.			Probable Expenditure during the year 1873-74.			Estimated Expenditure in 1874-75.			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.	
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Stations and Buildings.—(Concld.)														
Conversion of Swiming-Bath into Engine-Driver's Bungalow and new Out-houses at Jollarpett...	Unsanctioned.	1,371	21	1,392	...	...	...	1,371	21	1,392	...	...	...	...
Additions to Arconum Platform and alteration of signal ...	Do.	3,700	400	4,100	...	...	...	...	...	...	3,700	400	4,100	...
Engine-shed at Mettapolliem ...	Do.	2,885	1,298	4,183	...	...	...	2,000	1,000	3,000	885	293	1,183	...
Ballast and Permanent-way.														
New Siding at Veyasarapady Junction	C. E. No. 479, dated 21st May 1873, and C. E. No. 485, dated 27th May, 1873.	528	...	528	...	...	...	528	...	528	...	...	...	...
Electric Telegraph.														
Maintenance of Telegraph from Goondacul to Bellary and from Toongabudra to Raichore ...	C. E. No. 267, dated 27th April 1871.	2,257	2,690	4,947	876	877	1,753	17	...	17	...	...	...	...
Maintenance of Telegraph for two years from Pothanore to Coimbatore	C. E. No 913, dated 2nd Oct. 1873.	561	1,035	1,596	...	...	...	327	604	931	234	431	665	...
Maintenance of Telegraph for two years from Coimbatore to Mettapolliem.	C. E. No. 913, dated 2nd Oct. 1873	1,162	963	2,125	...	...	...	339	281	620	581	481	1,062	443
Inspection Carriage required by Telegraph Engineer.	Unsanctioned.	...	3,840	3,840	...	...	...	...	...	...	...	3,840	3,840	...
Works not specially provided for...	.....	10,000	4,000	14,000	...	...	...	...	..	...	10,000	4,000	14,000	...
Total, Engineer's Department ...	.....	71,697	22,107	93,804	2,803	953	3,756	30,950	9,690	40,640	36,338	9,450	45,788	443
Carriage and Wagon Department.														
Minor Works	.....	*1,44,740	3,35,293	4,80,033	...	...	...	78,491	1,76,970	2,55,461	66,249	1,58,323	2,24,572	...
Tools and Plant	.....	2,000	34,580	36,580	...	...	...	666	16,860	17,526	1,334	17,720	19,054	...
Total Carriage and Wagon Dearptment ...	.....	1,46,740	3,69,873	5,16,613	...	...	...	79,157	1,93,830	2,72,987	67,583	1,76,043	2,43,626	...
Total, Schedule C ...		2,18,437	3,91,980	6,10,417	2,803	953	3,756	1,10,107	2,03,520	3,13,627	1,03,921	1,85,493	2,89,414	443

* 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 Engineers, Traffic, and Stores Departments.

SCHED

CAPITAL AND

Budget Estimate of Establishment of the

NUMBER.		Details.	Number and Date of Sanction.	Monthly Salary of Office.	ESTIMATE,	
1873-74.	1874-75.				Per Mensem.	Per Annum.
		Direction.		RS.	RS.	RS.
1	1	Agent and Manager ...	.....	2,272	2,500	30,000
1	1	Assistant do.	.....	660	516	6,552
8	8	Clerks	.....	20 to 150	475	5,700
14	14	Peons, etc., etc.	.....	1½ to 8	82	984
		Total, Direction...	G. Os., Nos. 130 & 1,104, dated 14th Jan. & 16th April 1873.	.....	3,603	43,236
		Chief Auditor's Dept.				
1	1	Chief Auditor	.....	1,136	1,250	15,000
3	3	Assistants to do.	.....	272 to 400	1,000	12,000
4	4	Travelling Auditors... ...	.....	75 to 200	740	8,880
92	120	Clerks	.....	10 to 120	2,250	27,000
7	7	Peons	.....	6 to 7	52	624
5	5	Office Servants	.....	6	25	300
		Total, Chief Auditor's Dept...	G. Os., Nos. 130 & 1,104, dated 14th Jan. & 16th April 1873.	.....	5,317	63,804
		Chief Accountant's Dept.				
1	1	Chief Accountant	.....	545	516	6,552
14	26	Clerks	.....	10 to 125	500	6,000
3	5	Peons	.....	5 to 8	22	264
4	5	Office Servants	.....	5 to 9	26	312
		Total, Chief Accountant's Dept.	G. Os., Nos. 130 & 1,104, dated 14th Jan. & 16th April 1873.	.....	1,094	13,128
		Medical Department.				
1	1	Consulting Physician ...	.....	300	300	3,600
17	17	Apothecaries	.....	60 to 150	1,519	18,228
1	1	Clerk	.....	15	15	180
16	15	Peons	.....	7 to 8	112	1,344
69	68	Toties and Sweepers ...	.....	6	403	4,836
		Total, Medical Dept...	G. Os., Nos. 130 & 1,104, dated 14th Jan. & 16th April 1873.	.....	2,319	28,188

ULE D.

REVENUE.

Madras Railway for the year 1874-75.

1873-74.			ESTIMATE, 1874-75.					Remarks.
Distribution of Charges.			Per Mensem.	Per Annum.	Distribution of Charges.			
Capital.	Revenue.	Total.			Capital.	Revenue.	Total.	
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
.....	.....	.....	* 2,500	30,000	.....	.....	.....	* Including travelling expenses.
.....	.....	.....	660	7,920	.....	.....	.....	
.....	.....	.....	490	5,880	.....	.....	.....	† Includes Punkah-pullers, Sweepers, Toties, etc., for general offices.
.....	.....	.....	† 82	984	.....	.....	.....	
4,240	38,996	43,236	3,732	44,784	4,433	40,351	44,784	
.....	.....	.....	‡ 1,250	15,000	.....	.....	.....	‡ Provides for travelling expenses, batta, etc.
.....	.....	.....	1,000	12,000	.....	.....	.....	
.....	.....	.....	‖ 800	9,600	.....	.....	.....	‖ Includes travelling allowances, etc.
.....	.....	.....	2,500	30,000	.....	.....	.....	
.....	.....	.....	52	624	.....	.....	.....	
.....	.....	.....	25	300	.....	.....	.....	
6,258	57,546	63,804	5,627	67,524	6,684	60,840	67,524	
.....	.....	.....	546	6,552	.....	.....	.....	
.....	.....	.....	980	11,760	.....	.....	.....	
.....	.....	.....	36	432	.....	.....	.....	
.....	.....	.....	30	360	.....	.....	.....	
1,287	11,841	13,128	§ 1,592	19,104	1,891	17,213	19,104	§ Includes the cost of the Stores Account Office now transferred to the Chief Accountant's Office.
.....	.....	.....	300	3,600	.....	.....	.....	
.....	.....	.....	1,659	19,908	.....	.....	.....	
.....	.....	.....	15	180	.....	.....	.....	
.....	.....	.....	106	1,272	.....	.....	.....	
.....	.....	.....	408	4,896	.....	.....	.....	
2,765	25,423	28,188	2,488	29,856	2,955	26,901	29,856	

Public Works Department, 16th December 1873.

Budget Estimate of Establishment of the Madras Railway for the year 1874-75.—(Continued.)

Number.		Details.	Number and Date of Sanction.	Monthly Salary of Office.	Estimate,		1873-74.			Estimate, 1874-75.					Remarks.
							Distribution of Charges.			Per Mensem.	Per Annum.	Distribution of Charges.			
1873-74.	1874-75.				Per Mensem.	Per Annum.	Capital.	Revenue.	Total.			Capital.	Revenue.	Total.	
		General Stores Department.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
...	1	General Storekeeper ...	.....	773	.....	.....	.....	.....	.....	773	9,276	.....	.....	.....	
1	...	Comptroller of Stores Accounts	.....	.....	773	9,276	.....	.....	.....	.....	.....	.....	.....	.....	
1	1	Store Auditor	.....	.....	137	1,644	.....	.....	.....	350	4,200	.....	.....	.....	
1	1	Stock-taker	.....	350	250	3,000	.....	.....	.....	80	960	.....	.....	.....	
29	15	Clerks	.....	80	80	960	.....	.....	.....	545	6,540	.....	.....	.....	
...	2	Travelling Clerks	.....	10 to 100	1,037	12,444	.....	.....	.....	100	1,200	.....	.....	.....	
1	1	Beach Conicopillay	.....	50	.....	.....	.....	.....	.....	20	240	.....	.....	.....	
1	1	Time-keeper...	.....	20	20	240	.....	.....	.....	15	180	.....	.....	.....	
1	1	Moochee	.....	15	15	180	.....	.....	.....	10	120	.....	.....	.....	
4	4	Travelling Peons with vans...	.....	10	10	120	.....	.....	.....	40	480	.....	.....	.....	
10	10	Ward Peons	.....	10	40	480	.....	.....	.....	70	840	.....	.....	.....	
3	2	Office do.	.....	6 to 8	70	840	.....	.....	.....	14	168	.....	.....	.....	
2	2	Guard do.	.....	7	21	252	.....	.....	.....	14	168	.....	.....	.....	
2	2	Carpenters	.....	7	14	168	.....	.....	.....	39	468	.....	.....	.....	
3	5	Book-binders	.....	19½	39	468	.....	.....	.....	37	444	.....	.....	.....	
1	1	Tent Maistry	.....	6½ to 9½	24	288	.....	.....	.....	13	156	.....	.....	.....	
1	1	Cooper	.....	13	13	156	.....	.....	.....	10	120	.....	.....	.....	
1	1	Cooly Maistry	.....	10	10	120	.....	.....	.....	9	108	.....	.....	.....	
1	1	Punkah man...	.....	9	9	108	.....	.....	.....	6	72	.....	.....	.....	
2	2	Chickledars	.....	6	6	72	.....	.....	.....	11	132	.....	.....	.....	
1	1	Chuckler	.....	5½	11	132	.....	.....	.....	9	108	.....	.....	.....	
1	1	Marker	.....	9	9	108	.....	.....	.....	8	96	.....	.....	.....	
1	1	Toty	.....	8	8	96	.....	.....	.....	4	48	.....	.....	.....	
		Travelling allowances ...	.....	4	4	48	.....	.....	.....	75	900	.....	.....	.....	
		Total, General Stores Dept...	G. Os., Nos. 130 & 1,104, dated 14th Jan. & 16th April 1873.	.....	2,600	31,200	3,060	28,140	31,200	2,252	27,024	2,675	24,349	27,024	
		Cashier's Department.													
1	1	Cashier	.....	591	591	7,092	.....	.....	.....	591	7,092	.....	.....	.....	
1	1	Assistant to do.	.....	200	200	2,400	.....	.....	.....	200	2,400	.....	.....	.....	
1	1	Paymaster	.....	409	409	4,908	.....	.....	.....	409	4,908	.....	.....	.....	
1	1	Manager	.....	200	200	2,400	.....	.....	.....	200	2,400	.....	.....	.....	
14	14	Cashkeepers	.....	50	700	8,400	.....	.....	.....	700	8,400	.....	.....	.....	
9	9	Clerks	.....	15 to 60	350	4,200	.....	.....	.....	350	4,200	.....	.....	.....	
4	4	Shroffs	.....	25	100	1,200	.....	.....	.....	100	1,200	.....	.....	.....	
72	72	Peons	.....	7 to 10	531	6,372	.....	.....	.....	531	6,372	.....	.....	.....	
1	*2	Punkah-pullers	.....	5	5	60	.....	.....	.....	10	120	.....	.....	.....	* One included in the half-yearly Statement for 31st December 1873. † Four do. do.
...	†4	Porters	.....												
		Fixed Allowance and Batta...	.....	5	.....	.....	.....	.....	.....	20	240	.....	.....	.....	
		Total, Cashier's Department...	G. Os, Nos. 130 & 1,104, dated 14th Jan. & 16th April 1873.	.....	212	2,904	.....	.....	.....	212	2,904	.....	.....	.....	
					3,328	39,936	3,917	36,019	39,936	3,353	40,236	3,983	36,253	40,236	

Budget Estimate of Establishment of the Madras Railway for the year 1874-75.—(Continued.)

Number. 1873-74.	Number. 1874-75.	Details.	Number and Date of Sanction.	Monthly Salary of Office.	Estimate, Per Mensem.	Estimate, Per Annum.
		Police.		Rs.	Rs.	Rs
5	5	Inspectors	.....	.....	625	7,500
9	6	Detectives	.....	.....	220	2,640
1	1	Havildar	.....	.....	22	264
4	4	Naigues	.....	.....	29	348
20	21	Peons	.....	.....	145	1,740
119	118	Sepoys	.....	.....	683	8,196
10	8	Night Watchmen	.....	.....	322	3,864
1	1	Clerk	.....	.....	25	300
		Total, Police...	G. Os., Nos. 130 & 1,104, dated 14th Jan. & 16th April 1873.	.....	2,071	24,852
		Electric Telegraph Dept.				
1	1	First-class Engineer ...	.....	864	864	10,368
...	...	Allowance	.....	.....	105	1,260
...	...	Establishment	.....	.....	1,317	15,804
81	72	Signallers	.....	.....	2,286	27,432
4	4	Peons	.....	.....	2,837	34,044
1	1	Punkah-puller	.....	.....	24	288
		Total, Electric Telegraph Dept	G. Os., Nos. 130 & 1,104, dated 14th Jan. & 16th April 1873.	.....	5	60
					5,152	61,824
...	...	Add margin to provide for promotions, increases of pay, and new appointments, 5 per cent.	.....	.....	.....	15,358
		Total...	G. Os., Nos. 130 & 1,104, dated 14th Jan. & 16th April 1873.	.....	.....	3,21,526
		Contingencies.				
...	...	Direction	.....	.....	.....	.....
...	...	Chief Auditor's Department.	.....	.....	.....	.....
...	...	Chief Accountant's do ...	.....	.....	.....	.....
...	...	Cashier's Department ...	.....	.....	.....	.....
...	...	Medical Department ...	.....	.....	.....	.....
...	...	General Stores Department...	.....	.....	.....	.....
		Total...	.....	.....	.....	.....

1873-74. Distribution of Charges. Capital.	Revenue.	Total.	Estimate, 1874-75. Per Mensem.	Per Annum.	Distribution of Charges. Capital.	Revenue.	Total.	Remarks.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
.....	.....	.....	625	7,500	.....	.....	.....	
.....	.....	.....	115	1,380	.....	.....	.....	
.....	.....	.....	18	216	.....	.....	.....	
.....	.....	.....	24	288	.....	.....	.....	
.....	.....	.....	147	1,764	.....	.....	.....	
.....	.....	.....	700	8,400	.....	.....	.....	
.....	.....	.....	222	2,664	.....	.....	.....	
.....	.....	.....	25	300	.....	.....	.....	
.....	24,852	24,852	1,876	22,512	.....	22,512	22,512	
.....	.....	.....	864	10,368	.....	.....	.....	
.....	.....	.....	105	1,260	.....	.....	.....	
.....	.....	.....	1,397	16,764	.....	.....	.....	
2,832	21,600	27,432	2,366	28,392	3,392	25,000	28,392	
.....	31,044	34,044	2,721	32,652	.....	32,652	32,652	
.....	288	288	24	288	.....	288	288	
.....	60	60	5	60	.....	60	60	
2,832	53,992	61,824	5,116	61,392	3,392	58,000	61,392	
2,156	13,202	15,358	.....	15,621	.....	15,621	15,621	
26,515	2,95,011	3,21,526	.....	3,28,053	26,013	3,02,040	3,28,053	
.....	.....	.....	150		.....	.....	.....	
.....	.....	.....	1,200		.....	.....	.....	
.....	.....	.....	400		.....	.....	.....	
.....	.....	.....	*1,200		.....	.....	.....	
.....	.....	.....	1,391		.....	.....	.....	
.....	.....	.....	†10,200		.....	.....	.....	
.....	.....	.....	14,541		.....	14,541	14,541	

* Consisting of stores, monthly carriage and cart hire, Office furniture, etc.

† Including cooly-hire and petty stores for general working of the department.

Budget Estimate of Establishment of the Madras

Number. 1873-74.	Number. 1874-75.	Details.	Number and Date of Sanction.	Monthly Salary of Office.	Estimate, Per Mensem.	Estimate, Per Annum.
		Stationery.		Rs.	Rs.	Rs.
.....	.....	Direction	.....	.....	.....	.....
.....	.....	Chief Auditor's Department.	.....	.....	.....	.....
.....	.....	Chief Accountant's do. ...	.....	.....	.....	.....
.....	.....	Cashier's do. ...	.....	.....	.....	.....
.....	.....	Medical do. ...	.....	.....	.....	.....
.....	.....	General Stores do. ...	.....	.....	.....	.....
		Total, General Offices...	.....	.....	.....	3,21,526
		Engineer's Department.				
1	1	Chief Engineer	.....	1,818	1,818	21,816
1	1	Deputy do.	.....	1,045	1 045	12,540
1	1	Assistant to do.	.....	659	659	7,908
.....	.....	Allowances	.....	.....	285	3,420
6	7	1st Class Engineers ...	.....	863	5,182	62,184
1	.....	Do. do.	.....	773	773	9,276
3	3	2nd Do. do.	.....	659	1,977	23,724
2	.....	Do. do.	.....	.....	1,182	14,184
.....	1	3rd Class Engineer	.....	.....	.....	.....
.....	1	Do. do.	.....	.....	.....	.....
.....	.....	Allowances	.....	318	900	10,800
1	.....	4th Class Engineer	.....	.....	318	3,816
.....	.....	Allowances	.....	.....	60	720
3	3	Engineering Assistants ...	.....	.....	490	5,880
.....	.....	Allowances	.....	.....	135	1,620
32	35	Permanent-way Inspectors ...	.....	.....	4,190	50,280
1	1	Covenanted Inspector ...	.....	350	350	4,200
3	.....	Inspectors on Construction ...	.....	.....	300	3,600
.....	.....	Office Establishments ...	.....	.....	4,297	51,564
.....	.....	Stationery	.....	.....	23,961	2,87,532
.....	.....	Contingencies	.....	.....	.....	.....
		Total, Engineer's Department.	G. Os., Nos. 130 & 1,104, dated 14th Jan. & 16th April 1873.	.....	23,961	2,87,532
		Locomotive Department.				
1	1	Locomotive and Carriage Superintendent.	.....	1,637	1,637	19,644
1	1	1st Assistant Locomotive and Carriage Superintendent.	.....	819	819	9,828
1	1	2nd do. do. ...	.....	410	410	4,920
1	1	Accountant	.....	400	400	4,800
68	68	Clerks	.....	2,550	2,550	30,600
1	1	Moochee	.....	10	10	120
1	1	Do.	.....	9	9	108
2	2	Duffadars	.....	10	20	240
4	4	Naigues	.....	8	32	384

Railway for the year 1874-75.—(Continued.)

1872-73. Distribution of Charges. Capital.	Revenue.	Total.	Estimate, 1874-75. Per Mensem.	Per Annum.	Distribution of Charges. Capital.	Revenue.	Total.	Remarks.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
.....	.....	.....	.....	600	.....	.....	.....	
.....	.....	.....	.....	7,500	.....	.....	.....	
.....	.....	.....	.....	800	.....	.....	.....	
.....	.....	.....	.....	1,000	.....	.....	.....	
.....	.....	.....	.....	162	.....	.....	.....	
.....	.....	.....	.....	1,020	.....	.....	.....	
				11,082	.....	11,082	11,082	
26,515	2,95,011	3,21,526	.....	3,53,676	26,013	3,27,663	3,53,676	
.....	.....	.....	1,818	21,816	.....	.....	.....	
.....	.....	.....	1,273	15,276	.....	.....	.....	
.....	.....	.....	659	7,908	.....	.....	.....	
.....	.....	.....	285	3,420	.....	.....	.....	
.....	.....	.....	6,015	72,540	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	1,977	23,724	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	455	5,460	.....	.....	.....	
.....	.....	.....	409	4,908	.....	.....	.....	
.....	.....	.....	900	10,800	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	490	5,880	.....	.....	.....	
.....	.....	.....	135	1,620	.....	.....	.....	
.....	.....	.....	4,670	56,040	.....	.....	.....	
.....	.....	.....	350	4,200	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	3,633	43,596	.....	.....	.....	
87,948	1,99,584	2,87,532	23,099	2,77,188	50,475	2,26,713	2,77,188	
.....	.....	.....	.....	3,000	.....	3,000	3,000	
.....	.....	.....	.....	4,500	.....	4,500	4,500	
87,948	1,99,584	2,87,532	.....	2,84,688	50,475	2,34,213	2,84,688	
4,400	15,244	19,644	1,637	19,644	3,920	15,724	19,644	
2,201	7,627	9,828	819	9,828	1,961	7,867	9,828	
1,102	3,818	4,920	410	4,920	983	3,937	4,920	
1,075	3,725	4,800	400	4,800	957	3,843	4,800	
6,854	23,746	30,600	2,550	30,600	6,107	24,493	30.600	
27	93	120	10	120	46	182	228	
24	84	108	9	108				
54	186	240	20	240	48	192	240	
86	298	384	32	384	77	307	384	

Budget Estimate of Establishment of the Madras Railway for the year 1874-75.—(Continued.)

Number. 1873-74.	Number. 1874-75.	Details.	Number and Date of Sanction.	Monthly Salary of Office.	Estimate, 1874-75. Per Mensem.	Estimate, 1874-75. Per Annum.
		Locomotive Department.—(Concluded).		RS.	RS.	RS.
20	20	Peons (inclusive of those at Madras and up-country stations.)	.....	7	140	1,680
1	1	Draughtsman				
9	9	Foremen in charge of Divisions	.....	60	60	720
4	3	Do. do. of Perambore Workshops.	.....	350	3,150	37,800
...	3	Do. do. do.* ...	.....	350	1,400	16,800
1	1	Assistant Locomotive Foreman.	.....	.....	.....	.....
1	...	Do. Carriage Foreman† ...	.....	150	150	1,800
9	6	Engine Drivers	.....	200	200	2,400
...	...	Do. do. and Firemen (Uncovenanted) not included in the regular list.	.....	219	1,971	23,652
			.....	.....	.....	.....
1	1	Erector and Fitter ...				
4	4	Do. do.	.....	237	237	2,844
1	1	Boiler Smith	.....	190	760	9,120
1	...	Smith‡	.....	237	237	2,844
1	1	Saw Setter	.....	190	190	2,280
2	2	Carriage Examiners... ...	.....	237	237	2,844
1	*1	Do.	.....	65	130	1,560
1	1	Do.	.....	40	40	480
2	2	Do.	.....	55	55	660
		Wages of workmen not included in the regular list.	.....	50	100	1,200
		Fixed allowances	.....	.....	.....	.....
		Unfixed allowances inclusive of rent and overtime allowances included in the regular list.	.....	.....	135	1,620
			.....	.....	.....	21,854
		Add to total of Budget Estimate for 1873-74 wages of Drivers, Firemen, and other workmen not in regular list not previously included in this Statement :—	.....	.....	.....	2,02,802
		Drivers and Firemen RS. 1,75,038				
		Other Workmen... 4,11,486				
			.....	.....	.....	.....
		Stationery				2,02,802
		Contingencies	.....	.....	.....	.....
		Total, Locomotive Department.	.....	.....	.....	.....
			G. Os., Nos. 130 & 1,104, dated 14th Jan. & 16th April 1873.	.....	.....	2,02,802

1873-74. Distribution of Charges. Capital.	Revenue.	Total.	Estimate, 1874-75. Per Mensem.	Per Annum.	Distribution of Charges. Capital.	Revenue.	Total.	Remarks.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
376	1,304	1,680	140	1,680	335	1,345	1,680	
161	559	720	60	720	144	576	720	
8,462	29,338	37,800	3,150	37,800	7,544	30,256	37,800	
3,763	13,037	16,800	1,050	12,600	4,670	18,730	23,400	*Provision is made for three Foremen at Rs. 300 per mensem. One to fill the post of Lathe Shop Foreman, the late incumbent's salary being Rs. 350 per mensem; the 2nd as Carriage Foreman, and the 3rd as Smith's Shop Foreman. The Smith's Shop has, since the last Foreman left in 1868, been under the Superintendence of the Tyre Smith Foreman; but with the increased work it is considered desirable to have an independent supervision.
.....	.....	.....	900	10,800				
403	1,397	1,800	150	1,800	359	1,441	1,800	
538	1,862	2,400	.....	.....	... ...	.....	.....	
.....	23,652	23,652	1,314	15,768	.....	15,768	15,768	
.....	.....	.....	.....	1,75,038	.....	1,75,038	1,75,038	
.....	2,844	2,844	997	11,964	.....	11,964	11,964	
.....	9,120	9,120			568	2,276	2,844	
637	2,207	2,844	237	2,844	.....	.....	.....	
511	1,769	2,280	.....	.....	568	2,276	2,844	
637	2,207	2,844	237	2,844				
.....	1,560	1,560	130	1,560	.....	3,900	3,900	† To be promoted to Carriage Foreman.
.....	480	480	40	480				
.....	660	660	55	660				
.....	1,200	1,200	100	1,200				
.....	.....	.....	.....	4,10,856	1,24,881	2,85,975	4,10,856	‡To be promoted to Foreman of Smith's Shop.
363	1,257	1,620	135	1,620	323	1,297	1,620	
2,931	18,923	21,854	.....	21,854	2,610	19,244	21,854	
34,605	1,68,197	2,02,802	.....	7,82,732	1,56,101	6,26,631	7,82,732	
.....	.....	5,86,524	.....	.....	.....	.....	.....	
34,605	1,68,197	7,89,326	.....	7,82,732	1,56,101	6,26,631	7,82,732	
.....	.....	.....	.....	4,257	.....	4,257	4,257	
.....	.....	.....	.....	630	.....	630	630	
34,605	1,68,197	7,89,326	.....	7,87,619	1,56,101	6,31,518	7,87,619	

Budget Estimate of Establishment of the Madras — *Railway for the year* 1874-75.—(Concluded.)

Number.		Details.	Number and Date of Sanction.	Monthly Salary of Office.	Estimate,		1873-74.			Estimate, 1874-75.				Remarks.
1873-74.	1874-75.				Per Mensem.	Per Annum.	Distribution of Charges.			Per Mensem.	Per Annum.	Distribution of Charges.		
							Capital.	Revenue.	Total.			Capital.	Revenue.	Total.	
		Traffic Department.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1	1	Traffic Manager	.....	.....	1,469	17,628	.....	.....	.....	1,469	17,628	.....	.....	.....	
1	1	Deputy do.	.....	.....	651	7,812	.....	.....	.....	651	7,812	.....	.....	.....	
5	5	Assistant do.	.....	.....	2,095	25,140	.....	.....	.....	2,364	28,368	.....	.....	.....	
341	417	Station Masters and Clerks ..	.....	.....	14,912	1,78,944	.....	.....	.....	15,109	1,81,308	.....	.....	.....	
298	300	Pointsmen	.....	.....	2,227	26,724	.....	.....	.....	2,250	27,000	.....	.....	.....	
182	150	Peons...	.....	.....	1,256	15,072	.....	.....	.....	1,000	12,000	.....	.....	.....	
564	570	Porters	.....	.....	3,757	45,084	.....	.....	.....	3,815	45,780	.....	.....	.....	
183	200	Gatemen	.....	.....	1,009	12,108	.....	.....	.....	1,150	13,800	.....	.....	.....	
47	48	Head Porters	.....	.....	1,325	15,900	.....	.....	.....	1,500	18,000	.....	.....	.....	
3	3	Inspector of Pointsmen ...	.....	.....	130	1,560	.....	.....	.....	150	1,800	.....	.....	.....	
8	12	Waiting-room Attendants ...	.....	.....	63	756	.....	.....	.....	90	1,080	.....	.....	.....	
...	18	Staff Bungalow do. ...	.....	.....	116	1,392	.....	.....	.....	116	1,392	.....	.....	.....	
138	110	Guards	.....	.....	6,280	75,360	.....	.....	.....	5,600	67,200	.....	.....	.....	
...	6	Block Signallers	.....	.....	.....	.....	.....	.....	.....	180	2,160	.....	.....	.....	
75	142	Scavengers and Conservancy.	.....	.....	375	4,500	.....	.....	.....	777	9,324	.....	.....	.....	
45	45	Tarpaulin repairers	.....	.....	591	7,092	.....	.....	.....	550	6,600	.....	.....	.....	
		Allowance for Rent and Contingencies.	.....	.....	1,142	13,704	.....	.....	.....	3,057	36,684	.....	.....	.....	
		Clothing	.....	.....	.....	.....	.....	.....	.....	1,200	14,400	.....	.....	.....	
		Printing, Stationery, etc. ...	.....	.....	.....	.....	.....	.....	.....	4,500	54,000	.....	.....	.....	
		Add 2½ per cent. on Establishment for unforeseen Contingencies.	.....	.....	37,398 2,123	4,48,776 25,476	.....	4,48,776 25,476	4,48,776 25,476	45,528 969	5,46,336 11,628	.....	5,46,336 11,628	5,46,336 11,628	
		Total, Traffic Department...	G. Os., Nos. 130 & 1,104, dated 14th Jan. & 16th April 1873.	.....	39,521	4,74,252	.....	4,74,252	4,74,252	46,497	5,57,964	.....	5,57,964	5,57,964	
		Total, Schedule D...	.....	.....	.....	18,72,636	1,49,068	17,23,568	18,72,636	.....	19,83,947	2,32,589	17,51,358	19,83,947	

SCHEDULE E.

Budget Estimate of Expenditure on Stores for the Madras Railway during 1874-75.

Details.	Actual purchases during 1872-73.		Purchases during 1873-74.		Purchases during 1874-75.	
	Quantity.	Amount.	Quantity.	Amount.	Amount.	Total.
	No.	Rs.	No.	Rs.	Rs.	Rs.
In India.						
Wooden Sleepers	.....	53,476	.....	50,000	40,000	.....
Firewood	138,021,538	2,30,286	138,021,538	2,77,850	2,92,010	.....
Grease and Tallow	108,000	1,418	108,000	19,080	16,750	.....
Timber	.....	23,977	.....	.....	.....	.....
Government Duty and Landing Charges	.....	49,080	.....	76,000	60,000	.....
Oils of sorts	435,356	49,165	435,356	62,420	66,270	.....
Station Fittings and Furniture ..	.....	2,504	.....	10,000	6,000	.....
Coals	.....	1,953	.....	.....	.....	.....
Sundry Stores	.....	85,890	.....	2,17,460	2,31,840	.....
		4,97,279	.....	7,06,810	7,12,870	7,12,870
In England.						
Girders and Iron Cylinders	.....	1,76,303	.....	4,35,000	20,000	.....
Permanent-way Materials	.....	47,384	.....	50,000	90,000	.....
Coke, Coal, and Patent Fuel	.....	2,88,057	14,916	3,54,180	3,72,220	.....
Copper	.....	45,073	18	31,070	32,660	.....
Brass	.....	25,715	15	14,160	14,880	.....
Iron	.....	73,736	183	40,550	42,610	.....
Steel	.....	42,988	18	6,820	7,170	.....
Lead	.....	3,195	.....	.....	.....	.....
Grease	.....	14,245	72	23,560	23,560	.....
Machinery	.....	10,394	.....	.....	.....	.....
Materials for Tarpaulins	.....	20,517	.....	90,000	42,000	.....
Telegraph Stores	.....	.....	.....	2,000	60,000	.....
Engines with Tenders...	.....	.....	.....	.....	3,50,000	.....
Printing and Stationery	.....	.....	.....	41,000	50,000	.....
Sundry Stores	.....	1,75,655	.....	2,85,070	2,75,320	.....
		9,93,312	.....	13,78,410	13,86,620	13,86,620
Total, Schedule E...	.....	14,90,591	.....	20,85,220	20,99,490	20,99,490

MEMORANDUM.

	Rs.
Actual balance of Stores in hand on 1st April 1873	41,03,781
Estimated purchases during 1873-74 as above	20,85,220
Total...	61,89,001
Estimated issues during 1873-74	25,27,645
Estimated balance on 1st April 1874	36,61,356
Estimated purchases during 1874-75	20,99,490
Total...	57,60,846
Estimated issues during 1874-75	26,13,091
Estimated balance on 1st April 1875	31,47,755

SCHEDULE F.

General Estimate of Traffic Receipts of the Madras Railway for 1874-75.

	Miles.
Number of miles open for Traffic on 1st April 1873	836
Expected to be opened during 1874-75	...
Total on 1st April 1875...	836
Total likely to be opened at end of 1874-75...	858
Average number of miles expected to be opened during the whole of 1874-75	858

	Actuals, 1872-73.	Budget Estimate, 1873-74.	Regular Estimate, 1873-74.	Budget Estimate, 1874-75.
	Rs.	Rs.	Rs.	Rs.
Coaching Traffic	24,75,873	23,50,000	23,75,000	23,75,000
Goods do.	38,46,628	40,00,000	36,00,000	36,00,000
State Railway Materials	.....	3,80,000	3,50,000	.....
Electric Telegraph Earnings	21,346	22,000	16,000	16,000
Sundries	1,98,950	1,78,000	2,20,000	2,30,000
Total, Schedule F...	65,42,797	69,30,000	65,61,000	62,21,000

SCHEDULE G.

General Estimate of Revenue Expenditure on the Madras Railway for 1874-75.

	Actuals, 1872-73.	Budget Estimate, 1873-74.	Regular Estimate, 1873-74.	Budget Estimate, 1874-75.
	Rs.	Rs.	Rs.	Rs.
Maintenance of Way, Works, and Stations.				
1st.—Salaries, Office Expenses, and General Superintendence	1,98,237	1,80,000	1,95,000	2,00,000
(1.)—Engineers' Salaries	92,879	87,000	87,000	90,000
(2.)—Allowances, including Travelling Expenses of all kinds	9,273	12,000	12,000	12,000
(3.)—Subordinate Superintendents ...	43,347	44,000	44,000	45,000
(4.)—Allowances of do.	916	1,000	1,000	1,000
(5.)—Overtime Allowances	...	...	...	...
(6.)—Office Expenses	51,822	36,000	51,000	52,000

General Estimate of Revenue Expenditure on the Madras Railway for 1874-75.—(Contd.)

—	Actuals, 1872-73.	Budget Estimate, 1873-74.	Regular Estimate, 1873-74.	Budget Estimate, 1874-75.
Maintenance of Way, Works, and Stations.—(Concluded.)	RS.	RS.	RS.	RS.
2*nd.*—Maintenance and Renewal of Permanent-way	4,73,718	8,75,000	5,60,000	6,50,000
(1.)—Wages	2,57,737	3,75,000	2,88,000	3,00,000
(2.)—Materials	2,15,981	5,00,000	2,72,000	3,50,000
3*rd.*—Repairs of Bridges, etc.—Wages and Materials	1,65,909	1,58,000	1,58,000	1,50,000
(1.)—Bridges and Tunnels	1,09,009	1,00,000	1,00,000	90,000
(2.)—Miscellaneous, including earthwork, roads, fencing, etc.	56,900	58,000	58,000	60,000
4*th.*—Repairs of Stations and Buildings, Wages and Materials	68,890	72,000	72,000	75,000
(1.)—Repairs of Buildings of every description, including Station yards and Signals, but excepting quarters of the Staff	55,450	58,000	58,000	60,000
(2.)—Repairs of Staff Quarters	13,440	14,000	14,000	15,000
5*th.*—Maintenance by Contract...	12,732	35,000	20,000	20,000
6*th.*—Unclassified Expenditure...	...	...	...	...
(1.)—Plantations	12,732	18,000	18,000	15,000
(2.)—Tools and Plant	...	2,000	2,000	5,000
(3.)—Loss on Stores, etc.	...	15,000	...	...
(4.)—Additional construction chargeable to Revenue				
Total...	9,19,486	13,20,000	10,05,000	10,95,000
Deduct sum chargeable to Cheyaur Bridge Restoration	1,512	...	...	...
Total...	9,17,974	13,20,000	10,05,000	10,95,000
Locomotive Expenses.				
1*st.*—General Superintendence...	1,13,213	1,39,930	1,02,510	1,05,000
(1.)—Salaries of Locomotive Superintendent and Assistants	26,671	30,983	16,001	22,298
(2.)—Allowances of do., including Travelling Allowances	2,281	2,592	3,027	1,700
(3.)—Subordinate Superintendents ...	42,820	52,408	44,420	44,533
(4.)—Allowances of do., including Travelling Allowances	9,825	13,763	8,248	5,684
(5.)—Overtime Allowances	3,640	5,313	2,639	1,819
(6.)—Office Expenses	27,976	34,871	28,175	28,885
2*nd.*—Running Expenses (wages connected with the working of Locomotive Engines ...	2,05,367	2,47,632	2,20,913	2,31,464
(1.)—Wages of Drivers and Firemen ...	1,44,301	1,71,668	1,55,890	1,63,314
(2.)—Overtime Allowances	29,833	36,462	33,254	31,837
(3.)—All labour connected with fuelling, cleaning, and looking after Engines in yards	30,253	38,813	30,811	32,278
(4.)—Contingent Expenses, including Clothing and Travelling Expenses ...	980	689	988	1,035
3*rd.*—Fuel	4,74,529	5,74,421	5,42,619	5,68,457
(1.)—Coal	1,31,283	1,57,389	1,73,362	1,81,618
(2.)—Coke	52,235	96,703	42,354	41,371
(3.)—Patent Fuel	56,343	61,644	62,933	65,929
(4.)—Wood	2,34,668	2,58,685	2,63,967	2,76,537

General Estimate of Revenue Expenditure on the Madras Railway for 1874-75.—(Contd.)

—	Actuals, 1872-73.	Budget Estimate, 1873-74.	Regular Estimate, 1873-74.	Budget Estimate, 1874-75.
Locomotive Expenses.—(Concluded.)	RS.	RS.	RS.	RS.
4*th.*—Water (including Wages and Stores) ...	25,802	33,227	27,033	28,321
5*th.*—Oil, Tallow, and other Stores (expended on Engines in work)	20,802	26,971	23,255	24,363
6*th.*—Maintenance and Renewals of Locomotive Engines and Machinery	2,71,672	3,49,987	3,01,813	3,50,928
(1.)—Wages	1,42,308	1,80,464	1,48,503	1,62,810
(2.)—Overtime Allowances	4,656	8,018	4,466	4,678
(3.)—Materials	1,24,708	1,61,505	1,48,844	1,63,440
7*th.*—Payments to other Lines...	...	2,000	2,000	2,000
(1.)—Hire of Locomotives...	...	2,000	2,000	2,000
8*th.*—Unclassified Expenditure	...	1,000	1,000	1,000
Loss on Stores, etc.	...	1,000	1,000	1,000
Total...	11,11,385	13,75,178	12,21,170	12,91,540
Carriage and Wagon Expenses.				
1*st.*—General Superintendence...	21,849	24,693	18,999	24,454
(1.)—Salaries of Superintendent and Assistants	5,093	5,467	2,911	5,230
(2.)—Allowances, including Travelling ...	428	457	623	420
(3.)—Subordinate Superintendents ...	8,296	9,249	8,201	10,446
(4.)—Allowances of do., including Travelling	1,931	2,429	1,573	1,345
(5.)—Overtime Allowances	715	937	485	415
(6.)—Office Expenses	5,386	6,154	5,206	6,598
2*nd.*—Repairs and Renewals of Vehicles and Machinery	1,38,064	1,63,264	1,43,664	2,05,075
Coaching Vehicles—(1.)—Wages... ...	18,013	59,862	43,528	45,600
(2.)—Overtime ...	508			
(3.)—Materials ...	31,537			
Goods Vehicles— (1.)—Wages... ...	31,061	1,03,402	1,00,136	1,59,475
(2.)—Overtime ...	366			
(3.)—Materials ...	56,579			
3*rd.*—Cleaning Carriages and Wagons and Oiling	56,703	67,252	65,225	63,231
(1.)—Labour, including wages of Oilers, Carriage Cleaners, and Examiners.	13,882	15,983	15,414	16,148
(2.)—Stores, including Oil, Grease and other Stores for consumption on running vehicles	42,821	51,269	49,811	52,183
4*th.*—Unclassified Expenditure	...	1,000	1,000	1,000
Loss on Stores, etc.	...	1,000	1,000	1,000
Total...	2,16,616	2,56,209	2,28,888	2,98,860
Traffic Expenses.				
1*st.*—Salaries and Wages, etc.	3,95,452	4,81,137	4,62,963	4,82,560
(*a.*)—General Superintendence—				
(1.)—Traffic Manager, Assistants do. District Superintendents and Traffic Canvassers	45,868	45,229	45,229	47,268
(2.)—Office Establishment	27,112	28,794	28,794	36,575
(3.)—Travelling Allowances	8,336	5,340	5,340	6,540
(4.)—Contingencies	19,548	20,000	20,000	36,680

General Estimate of Revenue Expenditure on the Madras Railway for 1874-75.—(Contd.)

—	Actuals, 1872-73.	Budget Estimate, 1873-74.	Regular Estimate, 1873-74.	Budget Estimate, 1874-75.
Traffic Expenses.—(Concluded.)	RS.	RS.	RS.	RS.
(*b.*)—Station Staff—				
(1.)—Station Masters, Clerks, Porters, Pointsmen, Gatekeepers of Level Crossings, Signalmen, Station Servants, etc	2,35,292	3,06,414	3,00,000	2,95,297
(*c.*)—Train Staff—				
(1.)—Guards and Assistant Guards	59,157	75,360	70,000	67,200
(2.)—Overtime Allowances ...	169	...	...	...
2*nd.*—Fuel, Lighting, Water and General Stores	84,900	81,500	81,500	1,02,000
(1.)—Fires, Lights, Water and General Stores for Carriages, Station Offices, etc.	38,681	38,000	38,000	48,000
(2.)—Wagon Covers, Ropes, etc.	45,411	42,000	42,000	48,000
(3.)—Office and Station fittings and Furniture	907	1,500	1,500	6,000
3*rd.*—Clothing	4,596	10,000	10,000	11,400
4*th.*—Printing, Stationery and Tickets ...	41,915	38,000	38,000	51,000
5*th.*—Charges for delivery and collection of Goods, etc.	...	...	...	...
6*th.*—Miscellaneous Expenses	587	1,000	...	1,000
7*th.*—Payments to other Lines...	601	3,000	1,000	1,000
(1.)—Hire of Vehicles	...	...	14,771	21,000
(2.)—Mileage of Foreign Stock	601	3,000	...	...
(3.)—Expenses at Joint Stations	...	...	14,774	24,000
8*th.*—Unclassified Expenditure	...	...	...	...
Loss on Stores, etc.	...	...	...	...
Total...	5,28,180	6,14,637	6,14,637	6,84,960
General Charges.				
1*st.*—Home Expenditure	51,046	50,000	65,000	60,000
(1.)—Directors and Secretary or Managing Director	49,966			
(2.)—Auditors and Accountants		30,000	65,000	60,000
(3.)—Consulting Engineer and Inspecting Officer's Fees and Travelling Allowances	1,980			
(4.)—Office Expenses	.....	.....	.....	.....
2*nd.*—Salaries of Indian Management, including Offices	1,91,008	2,06,177	2,22,165	2,39,500
(1.)—Agent's Office	36,859	37,166	38,996	40,351
(2.)—Auditor's do.	45,726	54,846	57,546	60,840
(3.)—Account do.	10,838	11,285	11,841	17,213
(4.)—Paymaster's (Cashier's) Office ...	33,127	31,329	36,019	36,253
(5.)—Store Department	28,151	26,820	28,140	24,349
(6.)—Medical do.	21,755	24,231	25,123	26,901
(7.)—Rents of Buildings and Lands ...	689	3,500	1,500	2,000
(8.)—Contingencies, including Furniture and Fittings...	7,860	5,000	10,000	14,541
(9.)—Stationery	5,160	5,000	7,000	11,082
(10.)—Medicine	843	4,000	6,000	6,000
3*rd.*—Police	22,259	27,852	27,852	29,512
(1.)—Supervision	2,252	7,500	7,500	7,500
(2.)—Constables	16,857	17,352	17,352	15,012
(3.)—Contingencies	3,190	3,000	3,000	3,000

General Estimate of Revenue Expenditure on the Madras Railway for 1874-75.—(Concld.)

—	Actuals, 1872-73.	Budget Estimate, 1873-74.	Regular Estimate, 1873-74.	Budget Estimate, 1874-75.
General Charges.—(Concld.)	RS.	RS.	RS.	RS.
4*th.*—Advertising (all Advertisements of all Departments)	1,838	4,000	4,000	5,000
5*th.*—Electric Telegraph	64,528	85,130	81,936	78,900
(1.)—Salary of Superintendent and Assistants	9,828	15,000	15,000	14,000
(2.)—Signallers	27,513	34,392	34,398	33,000
(3.)—Travelling Expenses	2,042	2,400	2,400	2,400
(4.)—Office Expenses, Contingencies, etc...	3,369	7,200	4,000	4,000
(5.)—Maintenance, Wages, and Stores ...	21,776	26,138	26,138	25,500
6*th.*—Clearing Accounts with other Lines ...	.....	.....	.....	.....
7*th.*—Unclassified Expenditure...	.....	5,000	20,000	20,000
Loss on Stores	.....	5,000	20,000	20,000
Total...	3,31,619	3,58,159	4,21,253	4,28,942
Special and Miscellaneous Expenditure.				
1*st.*—Law Charges	651	10,000	10,000	10,000
2*nd*—Compensation	3,523	10,000	13,000	15,000
(1.)—For Goods lost or damaged ...	2,681	5,000	3,000	3,000
(2.)—For Personal injury	.....	5,000	7,500	10,000
(3.)—For other claims	842	.....	2,500	2,000
3*rd.*—Rates and Taxes (including Municipal Water-rates)	40,988	1,00,000	40,000	50,000
4*th*—Contribution to Special Funds	41,455	42,000	42,000	42,000
(1.)—Fire Insurance Fund	41,455	42,000	42,000	42,000
Total...	86,617	1,62,000	1,05,000	1,17,000
Deduct sum chargeable to Fire Insurance Fund	1,447	.....	.....	.....
Total...	85,170	1,62,000	1,05,000	1,17,000

REVENUE WORKS.

ACCOMPANIMENT TO SCHEDULE G.

Budget Estimate of the Madras Railway for the year 1874-75.

Details.	Number and Date of sanction.	Amount of Estimate.			Expenditure up to close of Official year 1872-73.			Probable Expenditure during the year 1873-74.			Estimated Expenditure in 1874-75.			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.	
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Doubling the line between Salt Cotaur Branch and new Central Station.	C. E. No. 96, 29th Jan. 1873.	734	.....	734	.....	.....	.....	734	.....	734	.....	.....	.....	.....
Alterations and additions to the Salt Cotaur Station.	C. E. No. 993, 29th Nov. 1873.	1,109	23	1,132	.....	.....	.....	1,109	23	1,132	.....	.....	.....	.....
Renewing the line between Arcanashy and Muddikerry with Iron-Pot Sleepers.	G. O. No. 1,644, 19th June 1871.	7,193	3,25,033	3,32,226	3,000	1,29,946	1,32,946	3,000	1,20,000	1,23,000	1,193	75,087	76,280	.....
Alterations and additions to the Arcanam Station.	C. E. No. 383, 22nd April 1873.	2,116	86	2,203	.....	.....	.....	2,116	86	2,202	.....	.....	.....	.....
Re-constructing Bridge at 296th mile, 14th Telegraph Post, Bellary Branch.	G. O. No. 519, 26th Feb. 1872.	8,057	.....	8,057	2,510	.....	2,510	5,577	.....	5,577	.....	.....	.....	1,30,518
Renewing the line between Muddikerry and Paighaut with Iron-Pot Sleepers.	C. E. No. 571, 25th June 1873.	3,295	1,77,223	1,80,518	.....	.....	.....	.....	.....	.....	80,000	30,000	80,000	.....
Resident Engineer's Bungalow at Ghooty ...	C. E., No. 439, 27th May 1873.	757	.....	757	.....	.....	.....	757	.....	757	.....	.....	.....	.....
Renewing Wooden Telegraph Poles on the South-West Line with Siemen's and Hamilton's Standards.	Unsanctioned ...	.....	27,028	27,028	.....	.....	.....	.....	27,028	27,028	.....	.....	.....	.....
New Drain at Koyapooram ...	C. E No. 754, 19th Aug. 1873.	2,758	.....	2,758	.....	.....	.....	2,758	.....	2,758	.....	.....	.....	.....
New Station-house at Veerinjeepooram ...	C. E. No. 823, 9th Oct. 1873.	850	13	863	.....	.....	.....	850	12	862	.....	.....	.....	.....
Permanent-way Inspector's Bungalow at Arcoonam.	C. E. No. 489, 27th May 1873, and C. E. No. 766, 22nd Aug. 1873.	304	.....	304	.....	.....	.....	304	.....	304	.....	.....	.....	.....
Works not specially provided for ...	.....	10,000	4,000	14,000	5,510	1,29,946	1,35,456	.....	.....	.....	10,000	4,000	14,000	1,30,518
Total...	.....	37,203	5,33,405	5,70,608	5,510	1,29,946	1,35,456	17,205	1,67,149	1,84,354	11,193	1,09,087	1,20,280	.....
Chayaur Bridge Restoration ...	G. O. No. 68, 10th Jan. 1872.	2,35,820	2,80,410	5,19,230	64,813	48,565	1,13,378	1,40,000	2,24,350	3,64,350	34,002	7,465	41,467	.....

MADRAS, 15th Nov. 1873.

(Signed) J. CRAMP, *Chief Accountant.*

(Signed) F. CHURCH, *Chief Auditor.*

(Signed) R. K. WILLIAMS, *Offg. Examiner, Railway Accts.*

(Signed) W. B. WRIGHT, *Acting Agent and Manager.*

Proceedings of the Madras Government, Public Works Department,
16th December 1873.

No. 264. ORDER THEREON, 16th December 1873, No. 3,021.

RAILWAY, No. 37.

THE foregoing letter gives cover to the Budget Estimate of the Madras Railway for the year 1874-75 with the Regular Estimate for the current year.

2. The following is an abstract of the expenditure in India in the various departments on Capital Account as estimated by the Company:—

	Sanctioned Estimate for 1873-74.	Regular Estimate for 1873-74.	Budget Estimate for 1874-75
	Rs.	Rs.	Rs.
Engineering Department	7,32,338	4,97,589	5,21,434
Locomotive do.	10,000	.....	10,500
Carriage and Wagon do.	1,28,421	1,17,466	1,14,381
Traffic Department	7,28,855	8,55,878	8,20,578
	15,99,614	14,70,933	14,66,893
Refunds...	14,00,000	16,90,000	15,00,000
Net Cash Demands...	1,99,614	2,19,067	33,107

3. The variations between the Sanctioned and Regular Estimate for the current year are shown to be due to a decrease in the Engineering Department and an increase under the head of Stores. The decrease in the former case appears to be owing, (1) to the protective works to the Palar, Poiney, and Goriattum bridges having been unavoidably suspended pending the arrival of an Engineer for the charge of the works to replace one of the staff who was compelled by ill-health to leave the country; (2) to the expenditure on the Neilgherry branch having been over-estimated; and (3) to the cylinders for the Huggry bridge being only now received from England. It is clear, however, that the mode in which the proportion of charges for Engineering supervision debitable to the Capital Account, explained in paragraph 4, has been calculated, is incorrect; and that the Regular Estimate may, on this account, be reduced from Rupees 1,49,068 to Rupees 95,000. As pointed out by the Consulting Engineer in paragraph 4, there seems no necessity for providing for any increase under stores, and looking to the average expenditure of the past five months, the excess of Rupees 1,31,200 is disallowed. These deductions will reduce the Regular Estimate from Rs. 14,70,933 to Rs. 12,85,575. The estimate of refunds, amounting to Rupees 16,90,000, is accepted.

4. For the reasons which have rendered it necessary to modify the Regular Estimate, His Excellency the Governor in Council approves of the reduction of the provision on account of stores and establishment for 1874-75 to Rupees 5,75,000 and Rupees 85,000 respectively, and the total estimate for that year will stand at Rupees 13,06,315. The estimate of refunds, amounting to Rupees 15,00,000, is accepted.

5. The estimate of advances and refunds on Capital Account is passed for the following sums:—

—	Regular Estimate for 1873-74.	Estimate for 1874-75.
	Rs.	Rs.
Advances	12,83,643	13,06,315
Refunds	16,90,000	15,00,000
Net Cash Demands...	4,00,357	1,93,685

6. The alterations suggested by the Consulting Engineer in the Revenue Account are approved, and the estimate is accepted for the following sums:—

—	Regular Estimate for 1873-74.	Estimate for 1874-75.
	Rs.	Rs.
Receipts	67,11,000	64,46,000
Expenditure	39,20,691	38,47,809
Balance...	27,90,309	25,98,191

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

No. 265. Docket No. 3,022, dated 16th December 1873.
Copy of the above forwarded to the Government of India.
(True Extract.)

Colonel, R.E.,
Secretary to Government.

Exd. E. C. Shunker.
Spare Copies

Railway Department. CONSULTING ENGINEER'S OFFICE.

No. 640.

From

LIEUT.-COLONEL J. H. M. SHAW STEWART, R.E.,

Consulting Engineer for Railways,

To

COLONEL G. W. WALKER, R.E.,

Secretary to Government,
Public Works Department,
Fort Saint George.

SIR,

I have the honour to submit the Regular Estimate of the Madras Railway for the current year, and the Budget Estimate for 1874-75 with the following note:-

Advances on Capital Account.

Regular Estimate 1873-74.

2. The Regular Estimate now submitted by the Railway

Authorities, as compared with the sanctioned Budget Estimate, shows a considerable decrease under advances, and a large increase under refunds, the figures being as follow:-

	Advances	Refunds
Sanctioned Budget Estimate	15,99,614	14,00,000
Regular Estimate	14,70,933	16,90,000

the sanctioned net cash demand being Rupees 1,99,614, whereas according to the Regular Estimate the refunds are expected to exceed the gross advances by Rupees 2,19,067.

3. The greater part of the difference in the cash outlay is accounted for by a decrease of Rupees 2,34,749 in the Engineering Department, and

a decrease of Rupees 1,36,29[illegible] under the head Stores and [illegible] anticipated decrease in the Engineering Department is chiefly under the following works:-

Protective works to Pilar, Poonery & Goorcattem bridges	Rupees 1,36,000
Neelyberry Branch	40,000
Huggy Bridge	38,642
	Rupees 2,14,642

Simultaneous to the extensive of the protective works was not obtained as early as was expected, and, owing to ill-health having necessitated the departure to England of one of the staff, no Engineer is at present available

4.

Rupees 131,290 under the head
Stores is considered unnecessary
and it is recommended that
the sanctioned amount, Rupees
5,75,520, be adhered to. The
expenditure during the first five
months of the year averaged
about Rupees 45,000; and unless
there be any extraordinary fur-
-ther calls during the remainder of
the year it would seem improbable
that the sanctioned estimate will
be exceeded. The Examiner of
Railway Accounts, in regard
to this question, states that the
amount

4.

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available for the carrying on of the
works, but the Railway Administration
are fully alive to the importance
of their being carried out as
quickly as possible, and on the
arrival of another Engineer
from England they will be
pushed on with vigour.

The expenditure necessary for the
completion of the existing works
which was originally estimated
the reduction under the Bridge
bridge is due to the cylinders
having only now commenced to
arrive from England.

4.

amount entered by the Railway Authorities was arrived at by adding together estimates furnished by each department of the Purchases to be made for it; and, as it is not improbable that each department may have allowed a margin, this is perhaps the reason of the total estimate being so large.

The Examiner also points out that the proportion of the Engineering Establishment charges to be borne by Capital has been over-estimated, the rate of 7 per cent authorised to be charged upon Capital cash expenditure for Engineering supervision having been taken upon the total estimated cash outlay in the Engineering Department; whereas, in addition to this provision has been made for debiting the cost of the staff engaged upon certain works direct to Capital. If the percentage rate is to apply to these works, the direct charges are inadmissible, and it is recommended that the estimate of Rupees 1,49,068 be reduced to Rupees 95,000. These alterations will effect a total reduction of Rupees 185,358, and the estimate of gross advances will then stand at Rupees 12,85,575.

Stores Rupees	1,31,290
Establishment	54,068
	185,358
Regular Estimate	14,70,933
Revised — Do —	12,85,575

The

5. The increase of Rupees 29,000 under refunds is chiefly due to an anticipated total issue of stores to the value of Rupees 225,000 for the new Cheyar bridge, and the estimate of Rupees 16,900 may be accepted.

Budget Estimate 1874-75.

6. The Capital cash outlay is estimated by the Railway Authorities at Rupees 14,66,893 but, for the reasons given above with reference to the Regular Estimate, the following reductions are recommended:-

Stores, from Rupees 172,870 to Rs 575,000

Establishment, " " 107,708 to " 85,000

when the total of the estimate will stand at

Reduction on stores Rs 137,870

— Do — Establt — 22,708

160,578 Rupees 1306,315.

Budget Estimate 14,66,893

Revised — Do — 1306,315

7. The following are the items which appear to call for explanation.

Smithy. Rupees 100,000. The present smithy is small and unsuitable, and a boiler-shop being much required, it is proposed that this shall be placed in the present building, and that a new smithy shall be erected.

Foundry.

Foundry, Rupees 69,000 was for the original building at Rajahmundry was subsequently extended, as a temporary arrangement, and the enquiry now been pronounced by the Chief Engineer to be unsafe, it is proposed to erect a new foundry at Perambore.

Goods brakevans (6) Rupees 36,000.

Provision for five extra brakevans was made in the current year's budget; but the allotment having been appropriated for the new second-class carriages for which estimates have been submitted, they are entered in the next year's budget. It is proposed to construct them of iron to accommodate small consignments of combustibles.

Locomotives (10) Rupees 3,55,000.

These are urgently necessary, the present stock being insufficient for the traffic requirements. The Agent proposes to purchase as many as possible in India and is now in treaty for four engines belonging to the Calcutta and South Eastern (State) Railway; should it prove impossible to obtain suitable engines in this country, they will be got from England. A number of duplicate parts now in stock will be used up, the engines being sent out incomplete so far as these parts are concerned.

Inspection

Inspection carriage for Telegraph Engineer. Rupees 3840. This is intended to facilitate the inspection of the lines and to carry the instruments necessary for testing the wires or for restoring communications. In the latter case the carriage would be used as a temporary office and the refunds are estimated at Rupees 16,00,000; which figures being accepted, the estimate of advances and refunds on Capital Account, as recommended for sanction, will stand thus:—

	Regular Estimate 1873-74	Budget Estimate 1874-75.
Advances —	12,89,643	13,06,315
Refunds —	16,90,000	15,00,000
Net cash demands		

Regular Estimate, 1873-74.

The Regular Estimate, as submitted by the Postmaster General, shows a considerable reduction on the sanctioned Budget Estimate, both receipts and working expenses; the figures being as follows:—

	Receipts	Expenditure	Balance
Sanctioned Budget Estimate	69,30,000	42,45,000	26,85,000
Regular Estimate	Rs. 65,61,000	39,60,328	26,00,672

10. It is thought that the gross receipts have been under-estimated, while the working expenses are susceptible of a small reduction. The receipts from Coaching may, it is considered, be increased by Rupees 50,000, and those

those from Goods by Rupees 1,00,000; bringing the total receipts up to Rupees 67,11,000. The present stagnation in trade somewhat affects the traffic receipts, but it is hoped that business will improve during the remaining months of the year. The opening of the Neilgherry branch on 1st September 1873 will also add to the future monthly receipts. The working expenses are set down at Rupees 39,60,328 of which the sum of Rupees 364,380 is on account of the Cheyar bridges the only reduction which is thought feasible is in the traffic expenses, which show a large excess over the actuals of 1872-73. The expenditure under this department for the half-year ended 30 June last, was Rupees 2,73,431; and this doubled gives Rupees 5,46,862. The undertaking opened Neilgherry branch will entail a considerable additional expenditure; but, as it will be met by the extra charges levied by the special train service from the Nizam's Railway material during last half-year It is thought that a sum of Rupees 5,75,000 will amply provide for all requirements; and

ended by substituting this amount for Rupees 6,14,637, the total of expenditure of Revenue for the return

Rs 39,60,328
" 39,637
" 39,20,691

would be Rupees 39,20,691 (Thirty nine lakhs twenty thousand six hundred and ninety one) that is the estimated

that is the wide difference between the sanctioned and Estimates during the Engineering Department's

Department's inquiries owing to proposals having been made in the former for the renewal of the road between Muddikera and Bellary (98 miles) with iron sleepers, while the Government of India had only sanctioned the renewal between Muddikera and Palghaut,

a

a distance of 34 miles and

Remarks Budget Estimate 1914-15

the total receipts are estimated at Rupees 62,21,000, and the working expenses at Rupees 39,57,769. For Engineering the development of traffic is thought that the estimated receipts from coaching may be increased by Rupees 1,25,000, and those from goods by Rupees 1,00,000 making the total receipts Rs 64,46,000

13. The estimated expenditure on the Locomotive Department

Department is large, owing to the heavy renewals which are now necessary to many of the locomotives, and to the exchange of coal for coke, and it is intended to provide for this by the estimates for the ensuing year. The traffic receipts, however, should the traffic expenses not be reduced to Rupees 6,75,000 as recommended for the current year. The large increase in interest under this head, owing to the additional traffic anticipated, appears unnecessary. By this reduction, the working expenses will stand at Rupees 38,47,809.

The Revenue estimate, as revised in the foregoing note, will be as follows:-

	Revised Estimate 1873-74.	Budget Estimate 1874-75.
Receipts—	67,11,000	64,46,000
Expenditure—	39,20,691	38,47,809
Balance—	27,90,309	25,98,191
Percentage of expenses to receipts	58·4	59·7

I have the honour to be
Sir,
Your most obedient Servant
Lieut.-Colonel R.E.
Chief Engineer for
Railways

Madras
28th November
1873

Rs. 18,47,809

No 3024

Proceedings of the Madras Government
Read the following

From the Consulting Engineer for Railways (No 640 dated 28th Nov/73)

The foregoing letter
forms cover to the Budget
Estimate of the Madras
Railway for the year 1874/75
with the Regular Estimate
for the current year.

The proceedings in the Public Works Dept
are abstracted in the
Public in the
Annual Statement re
Railways Department
Original Account re
Construction by the Com-
pany.

No 263
Cir 2nd Dec 73

RAILWAY DEPARTMENT.

Public Works 1873. No. 3506
From Dept of Post Office

The Consulting Engineer
for Railways,

To

The Secretary to Government,
P. W. Department,
Fort Saint George.

Dated 28 Nov 1873.
Recd. 1 Dec

Enl. No. 640.

Submitting the
Regular Estimate
of the Madras Railway
for the current year,
and the Budget
Estimate for 1874-75
with a note.

No. 3021-3022-1 Dec 73

	Sanctioned Estimate for 1873/74	Regular Estimate for 1873/74	Budget Estimate for 1874/75
Engineering Dept.	7,32,338	4.97.589	5.21.434
Locomotive do	10,000	"	10,500
Carriage & Wagon do	1,28,421	1.17.466	1 14 381
Traffic — do	7,28,855	855 878	8.20.578
	15,99,614	14.70.933	14.66.893
Refunds	14,00,000	16.90.000	15,00,000
Net Cash Demands	1,99,614		

The variations between the Sanctioned and Regular Estimate for the current year are shown to be due to a decrease in the Engineering Dept. and an increase under the head of Stores: the decrease in the former case appears to be owing (1) to the protective works to the Palar, Ponney and Sparialum Bridges having been unavoidably suspended pending the arrival of an Engineer for the charge of the works to replace one of the staff who was compelled by ill health to leave the country; (2) to the expenditure on the Neilgherry Branch having been overestimated and (3) to the cylinders for the Huggy Bridge being only now received from England. It is clear however that the mode in which the proportion of charges for Engineering Supervision debitable to the Capital Account explained in Para 4, has been calculated is

incorrect, and that the Regular Estimate may, on this account, be reduced from Rs: 1,47,068 to Rs: 95,000. As pointed out by the Comptr: in Para 2 there seems no necessity for providing for any increase under Stores, and looking to the average Expenditure of the past 5 months, the Excess of Rs. 131,290 is disallowed. These deductions will reduce the Regular Estimate from Rs: 14,70,933 to Rs: 12,85,575. The Estimate of Refunds amounting to Rs. 16,90,000 is accepted.

For the reasons which have rendered it necessary to modify the Regular Estimates, His Excellency the Governor in Council approves of the Reduction of the provision on account of Stores and Establishment for 1874/75 to Rs: 5,75,000 and Rs: 85,000 respectively and the total Estimate for that year will stand at Rs: 13,06,315. The Estimate of Refunds amounting to Rs Rs: 15,00,000 is accepted.

The Estimate of Advances and Refunds on Capital Account is passed for the following

Docket No. 3022 dated

Copy of the above forwarded to the Government of India

Desp. 19/12/73 with 30 spare Copies.

Sums:-

	Regular Estimate for 1873/74	Estimate for 1874/75
Advances.	12.89.643	13.06.315
Refunds.	16.90.000	15.00.000
Net Cash Demands.		

The alterations suggested by the Comptr. in the Revenue Accounts are approved, and the Estimate is accepted for the following sums.

	Regular Estimate For 1873/74	Estimate For 1874/75
Receipts	67.11.000	64.46.000
Expenditure	39.20.691	38.47.809
Balance	27.90.309	25.98.191

Supt. Genl's
Offg. Comptr. for Rets.
" Asst. for Rets.
Desp. 19/12/73 & Desp. 20/12