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MADRAS RECORD OFFICE

Government of Madras

Public works DEPARTMENT

G.O. No. 3080—81 Press

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

428-430

Dated 29—12.1873 ~~195~~.

Not to be folded or roughly handled

No. 428. 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, 2nd December 1873, No. 646:—

I HAVE the honour to submit the Regular Estimate of the Great Southern of India 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, as compared with the sanctioned Budget Estimate, shows a large decrease under Advances, and an increase under Refunds; the net cash demands being now estimated at Rupees 16,25,904, against Rupees 22,95,000. These variations are explained in the revised Financial Estimate submitted on the 7th November 1873; and the Agent's figures may, it is thought, be accepted.

Budget Estimate, 1874-75.

3. The Capital cash outlay during 1874-75 is estimated by the Agent as follows:—

	Rs.	Rs.
Engineering	.....	22,42,285
Sanctioned Works	19,42,285	.....
Unsanctioned Works	3,00,000	.....
Locomotive	.....	1,82,325
Sanctioned Works	1,82,325	.....
Establishments, etc.	4,09,832	4,09,832
Stores	2,87,000	2,87,000
Total...	... ...	31,21,442

Refunds, estimated at Rupees 3,00,000, will reduce the net cash demands to Rupees 28,21,442. No reduction of this estimate is recommended.

4. The amount entered against sanctioned works (engineering) provides for the completion of the Southern Extension between Trichinopoly and Tuticorin and Tinnevelly; and that against unsanctioned works for the commencement of the Northern Extension between Tanjore and the Coleroon river. The estimates for the latter line were submitted to Government on the 4th November 1873, when the importance of commencing work as soon as possible was urged. It is hoped that early sanction to the estimates will be accorded, and that the construction works may be put in hand during 1874-75.

In the Locomotive Department the expenditure is on account of rolling-stock for the Southern Extension. It is thought that the section of line between Trichinopoly and Madura will be ready for traffic before the close of the financial year, 1874-75; but, as explained in a letter* from the Agent, it is not probable that the rolling stock necessary for its efficient working will be completed before the 1st April 1875. Up to the date of last advices from England no contract had been let for the supply of iron-work for carriages, so that this cannot be expected to arrive before the end of July 1874. Every endeavour will, however, be made to get a sufficient number of passenger vehicles ready by the time the first section of line is completed.

* No. 5,282, dated 29th November 1873.

REVENUE ACCOUNT.

5. The Regular Estimate for 1873-74, as compared with the sanctioned Budget Estimate, shows a slight increase both in receipts and working expenses; the net profits being about the same. For the year 1874-75 the Agent's estimate is as follows:—

	RS.
Gross Earnings	9,37,000
Expenditure	5,88,750
	3,48,250
Per-centage of expenditure to receipts	62 8

6. As before explained, it is not anticipated that any traffic will be carried on the Southern Extension before the 1st April 1875, and the Revenue Estimate has consequently been framed for the open line only. The amount entered against passenger traffic is the same as for the current year. For goods traffic the estimate is below that for the current year, which is unusually large owing to the carriage of materials for the Nizam's State Railway; but it is considerably above the ordinary carriage, owing to the anticipated receipts from carriage of permanent-way materials for the Southern Extension.

The estimate of expenditure differs but little from that for the current year, except under the head "Maintenance of way and works," where a somewhat heavy expenditure in renewals is contemplated. On the whole the Revenue Estimate submitted by the Agent is considered to be fair, and no alteration is recommended.

From W. S. BETTS, Esq., Agent of the Great Southern of India Railway, to Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, dated Negapatam, 29th November 1873, No. 5,282.

Your letter No. 501 of the 24th instant.

The Chief Engineer informs me he thinks he will have the line between Trichinopoly and Madura ready for public traffic by the latter part of the official year 1874-75.

But I fear we cannot get a sufficient quantity of rolling stock ready for the efficient working of that section prior to the 1st April 1875, and it is for this reason I have made no provision in the Revenue Budget for the next official year for the working of an additional length of line.

2. Up to the date of my last advices from England, no contract had been let for the supply of iron-work for carriages. We may estimate it will take four months from the date the contract is signed for the iron-work to be ready for shipment, and that another four months will be required for its delivery to the workshops at Negapatam. Under the most favourable circumstances we cannot, therefore, get the carriage iron-work before the end of next July.

3. The iron-work for a portion of the goods vehicles was to have been completed by the 28th instant, and it may be shipped next month, and arrive at Negapatam in March or April next. Iron-work for 248 vehicles has been ordered.

4. It will require some time to get together a sufficient supply of skilled labour; and the ballast wagons and break vans will first have to be constructed. The Locomotive Superintendent estimates that after these have been finished he will be able to turn out from fifteen to twenty vehicles per mensem.

5. If after reading this you still wish for provision to be made in the Revenue Budget for 1874-75 for working the section referred to, I will with pleasure render a revised estimate on hearing from you the number of months working for which you consider provision should be made.

CAPITAL ACCOUNT.

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

Details.	Actuals in 1872-73.	Sanctioned Estimate, 1873-74.	Regular Estimate, 1873-74.	Budget Estimate, 1874-75.
	RS.	RS.	RS.	RS.
Engineering Department.				
Sanctioned Works—				
Southern Extension, Schedule A	3,47,574	16,61,657	13,74,944	19,42,285
Works to be sanctioned—				
Northern Extension	.....	.....	.....	3,00,000
Locomotive Department.				
Sanctioned Works, Schedule A	.....	71,323	.....	1,82,325
Establishments and Contingencies, Schedule D.	2,07,910	4,19,020	2,92,960	4,09,832
Stores, Schedule E	94,110	2,50,000	2,33,000	2,87,000
Total...	6,49,594	24,05,000	19,00,904	31,21,442
Receipts to be credited to Capital Account, Refunds, etc.	*25,47,365	1,10,000	2,75,000	3,00,000
Net Cash demand of the year...	18,97,771	22,95,000	16,25,904	28,21,442

* Rupees 23,61,591-4 represents value of Permanent-way material sold to the Nizam's Government.

REVENUE ACCOUNT.

Estimate of Revenue for the year 1874-75.

Items.	Actuals in 1872-73.	Sanctioned Estimate, 1873-74.	Regular Estimate, 1873-74.	Budget Estimate, 1874-75.
	RS.	RS.	RS.	RS.
Receipts as per Schedule F.				
Coaching Traffic	5,02,642	4,50,000	4,76,500	4,75,000
Goods do.	4,12,638	4,90,000	4,75,250	4,20,000
Electric Telegraph Earnings	5,586	5,000	5,000	6,000
Sundries	12,303	5,000	25,000	36,000
Total Receipts...	9,33,169	9,50,000	9,81,750	9,37,000
Expenditure as per Schedule G.				
Maintenance of Way and Works	1,12,983	1,25,000	1,14,000	1,43,500
Locomotive Expenses	1,76,652	2,00,000	2,33,660	2,37,100
Carriage and Wagon Expenses	40,559	40,000	46,460	49,350
Traffic Expenses	65,740	75,000	85,900	93,550
General Charges...	51,286	67,500	66,000	50,250
Special and Miscellaneous Expenditure... ...	15,982	17,500	15,000	15,000
Total Expenditure...	4,63,202	5,25,000	5,61,020	5,88,750
Balance...	4,69,967	4,25,000	4,20,730	3,48,250

NEGAPATAM,
10th November 1873.

(Signed) W. S. BETTS,
Agent.

(Signed) R. K. WILLIAMS,
Offg. Exr. of Railway Accounts.

SOUTHERN EXTENSION.

SCHEDULE A.

ENGINEERING DEPARTMENT.

Budget Estimate for the year 1874-75.

Date of Sanction. / No.	Details.	Amount of Estimate. Cash outlay in India.	Value of English Stores.	Total Expenditure.	Expenditure during the official year 1872-73. Indian Expenditure.	English Expenditure.	Total Expenditure.	Estimated Expenditure during the official year 1873-74. Indian Expenditure.	English Expenditure.	Total Expenditure.	Estimated Expenditure for the official year 1874-75. Indian Expenditure.	English Expenditure.	Total Expenditure.	Estimated Expenditure in future years.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.	Preliminary Expenses...	2,46,500	.....	2,46,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
III.	Construction of Line—													
	(1.)—*Earth-work.*													
	District No. 1. ...	72,050	.....	72,050	22,248	14	22,262	20,673	350	21,023	27,324	1,441	28,765	.....
	,, ,, 2. ...	51,137	.....	51,137	19,963	20	19,983	16,948	236	17,184	12,947	1,023	13,970	.....
	,, ,, 3. ...	66,646	.....	66,646	8,259	3	8,262	25,700	300	26,000	31,051	1,333	32,384	.....
	,, ,, 4. ...	70,429	.....	70,429	22,345	4	22,349	19,742	350	20,092	26,579	1,409	27,988	.....
	,, ,, 5. ...	55,888	.....	55,888	22,795	6	22,801	18,530	270	18,800	13,109	1,118	14,287	.....
	,, ,, 6. ...	43,277	.....	43,277	23,841	3	23,844	12,734	200	12,934	5,633	866	6,499	.....
	,, ,, 7. ...	53,679	.....	53,679	14,721	...	14,721	21,982	260	22,242	15,642	1,074	16,716	.....
	,, ,, 8. ...	42,342	.....	42,342	17,086	...	17,086	19,771	229	20,000	4,409	847	5,256	.....
	,, ,, 9. ...	44,232	.....	44,232	5,102	5	5,107	24,776	224	25,000	13,280	845	14,125	.....
	,, ,, 10. ...	42,287	.....	42,287	4,375	8	4,383	24,860	140	25,000	12,058	846	12,904	.....
	,, ,, 11. ...	44,702	.....	44,702	4,927	12	4,939	14,850	150	15,000	23,869	894	24,763	.....
	,, ,, 12. ...	28,350	.....	28,350	8,963	...	8,963	8,910	90	9,000	9,820	567	10,387	.....
	,, ,, 13. ...	44,590	.....	44,590	17,396	7	17,403	20,289	348	20,637	5,658	892	6,550	.....
	,, ,, 14. ...	54,972	.....	54,972	10,335	4	10,339	16,000	200	16,200	27,334	1,099	28,433	.....
	Total...	7,14,581	.....	7,14,581	2,02,356	86	2,02,442	2,65,765	3,347	2,69,112	2,28,773	14,254	2,43,027	.....
	(2.)—*Bridge-work.*													
	(1.)—*Minor Bridges, etc.*													
	District No. 1. ...	39,554	3,644	43,198	10,597	1,081	11,678	21,000	1,250	22,250	7,166	2,104	9,270	.....
	,, ,, 2. ...	37,871	3,064	40,935	7,643	6	7,649	20,000	3,000	23,000	9,471	815	10,286	.....
	,, ,, 3. ...	42,403	7,832	50,235	6,434	.....	6,434	22,000	3,000	25,000	13,121	5,680	18,801	.....
	,, ,, 4. ...	45,646	1,586	47,232	19,510	3	19,513	20,000	750	20,750	5,224	1,745	6,969	.....
	,, ,, 5. ...	61,334	16,312	77,646	3,726	20	3,746	30,000	5,000	35,000	26,382	12,518	38,900	.....
	,, ,, 6. ...	38,778	8,066	46,844	2,671	4	2,675	20,000	2,000	22,000	15,332	6,837	22,169	.....
	,, ,, 7. ...	49,688	5,172	54,860	11,752	158	11,910	28,000	2,000	30,000	8,943	4,007	12,950	.....
	,, ,, 8. ...	25,026	5,987	31,013	2,032	.....	2,032	12,000	2,000	14,000	10,494	4,487	14,981	.....
	,, ,, 9. ...	29,381	9,160	38,541	478	10	488	15,000	2,500	17,500	13,316	7,237	20,553	.....
	,, ,, 10. ...	28,154	6,066	34,220	36	52	88	12,000	1,500	13,500	15,555	5,077	20,632	.....
	,, ,, 11. ...	30,004	4,363	34,367	2,130	5	2,135	15,000	2,500	17,500	12,274	2,458	14,732	.....
	,, ,, 12. ...	28,411	8,610	37,021	5,831	.....	5,831	10,000	4,500	14,500	12,012	4,678	16,690	
	,, ,, 13. ...	32,765	6,933	39,698	6,096	.....	6,096	14,000	2,500	16,500	12,014	5,088	17,102	.....
	,, ,, 14. ...	63,846	14,669	78,515	1,277	8	1,285	25,000	5,000	30,000	36,293	10,937	47,230	.....
	Total...	5,52,861	1,01,464	6,54,325	80,213	1,347	81,560	2,64,000	37,500	3,01,500	1,97,597	73,668	2,71,265	.....
	(2.)—*Large Bridges.*													
		M. CHS.												
	District No. 1 at 0 50	3,956	.....	3,956	.....	.....	.....	3,759	197	3,956	.....	.....	.....	.....
	,, ,, 1 ,, 3 43	18,835	7,711	26,546	7,139	₹ 666	7,805	5,487	3,855	9,342	5,833	3,566	9,399	.....
	,, ,, 1 ,, 4 3	9,436	3,850	13,286	13	.....	13	9,277	1,998	11,275	.....	1,998	1,998	.....
	,, ,, 2 ,, 2 41	8,492	3,849	12,341	.....	.....	.....	8,068	2,136	10,204	.....	2,137	2,137	.....
	,, ,, 2 ,, 9 51	2,780	2,887	5,667	11	.....	11	2,631	1,512	4,143	.....	1,513	1,513	.....
	,, ,, 3 ,, 1 45	10,465	4,812	15,277	264	.....	264	1,200	2,406	3,606	8,792	2,615	11,407	.....
	,, ,, 3 ,, 9 40	10,095	5,614	15,709	.....	.....	.....	2,000	2,800	4,800	7,909	3,000	10,909	.....
	,, ,, 3 ,, 14 46	7,110	4,627	11,737	749	.....	749	2,000	2,313	4,313	4,220	2,455	6,675	.....
	,, ,, 4 ,, 5 73	5,014	3,084	8,098	.....	.....	.....	1,500	1,542	3,042	3,414	1,642	5,056	.....
	,, ,, 4 ,, 8 42	26,585	9,253	35,838	205	.....	205	10,000	4,626	14,626	15,849	5,158	21,007	.....
	,, ,, 5 ,, 3 9	6,267	.....	6,267	.....	.....	.....	5,954	313	6,267	.....	.....	.....	.....
	,, ,, 7 ,, 5 13	68,945	84,203	1,53,148	2,173	280	2,453	30,000	42,101	72,101	35,394	43,200	78,594	.....
	,, ,, 8 ,, 5 51	13,238	10,795	24,033	.....	.....	.....	6,000	5,397	11,397	6,974	5,662	12,636	.....
	,, ,, 8 ,, 10 47	22,066	9,253	31,319	.....	.....	.....	12,000	4,626	16,626	9,626	5,067	14,693	.....
	,, ,, 8 ,, 14 10	8,329	3,331	11,660	.....	.....	.....	2,000	1,665	3,665	6,163	1,832	7,995	.....
	,, ,, 9 ,, 7 30	19,420	13,879	33,299	.....	.....	.....	12,000	6,939	18,939	7,033	7,327	14,360	.....

Consulting Engineer's letter, No. 899, of 5th September 1873.

SOUTHERN EXTENSION.

SCHEDULE A.

ENGINEERING DEPARTMENT.

Budget Estimate for the year 1874-75.

Date of Sanction.	No.	Details.	Amount of Estimate.			Expenditure during the official year 1872-73.			Estimated Expenditure during the official year 1873-74.			Estimated Expenditure for the official year 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.
	I.	PRELIMINARY EXPENSES...	2,46,500	.....	2,46,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	III.	CONSTRUCTION OF LINE—													
		(1.)—*Earth-work.*													
		District No. 1. ...	72,050	.....	72,050	22,248	14	22,262	20,673	350	21,023	27,324	1,441	28,765	.....
		,, ,, 2. ...	51,137	.....	51,137	19,983	20	19,983	16,948	236	17,184	12,947	1,023	13,970	.....
		,, ,, 3. ...	66,646	.....	66,646	8,259	3	8,262	25,700	300	26,000	31,051	1,333	32,384	.....
		,, ,, 4. ...	70,429	.....	70,429	22,345	4	22,349	19,742	350	20,092	26,579	1,409	27,988	.....
		,, ,, 5. ...	55,888	.....	55,888	22,795	6	22,801	18,530	270	18,800	12,169	1,118	14,287	.....
		,, ,, 6. ...	43,277	.....	43,277	23,841	3	23,844	12,734	200	12,934	5,633	866	6,499	.....
		,, ,, 7. ...	53,679	.....	53,679	14,721	...	14,721	21,982	260	22,242	15,642	1,074	16,716	.....
		,, ,, 8. ...	42,342	.....	42,342	17,086	...	17,086	19,771	229	20,000	4,409	847	5,256	.....
		,, ,, 9. ...	44,232	.....	44,232	5,102	5	5,107	24,776	224	25,000	13,280	845	14,125	.....
		,, ,, 10. ...	42,287	.....	42,287	4,375	8	4,383	24,860	140	25,000	12,058	846	12,904	.....
		,, ,, 11. ...	44,702	.....	44,702	4,927	12	4,939	14,850	150	15,000	23,869	894	24,763	.....
		,, ,, 12. ...	28,350	.....	28,350	8,963	...	8,963	8,910	90	9,000	9,820	567	10,387	.....
		,, ,, 13. ...	44,590	.....	44,590	17,396	7	17,403	20,289	348	20,637	5,658	892	6,550	.....
		,, ,, 14. ...	54,972	.....	54,972	10,335	4	10,339	16,000	200	16,200	27,334	1,099	28,433	.....
		Total...	7,14,581	.....	7,14,581	2,02,356	86	2,02,442	2,65,765	3,347	2,69,112	2,28,773	14,254	2,43,027	.....
		(2.)—*Bridge-work.*													
		(1.)—*Minor Bridges, etc.*													
		District No. 1. ...	39,554	3,644	43,198	10,597	1,081	11,678	21,000	1,250	22,250	7,166	2,104	9,270	.....
		,, ,, 2. ...	37,871	3,064	40,935	7,643	6	7,649	20,000	3,000	23,000	9,471	815	10,286	.....
		,, ,, 3. ...	42,403	7,832	50,235	6,434	.....	6,434	22,000	3,000	25,000	13,121	5,680	18,801	.....
		,, ,, 4. ...	45,646	1,586	47,232	19,510	3	19,513	20,000	750	20,750	5,224	1,745	6,969	.....
		,, ,, 5. ...	61,334	16,312	77,646	3,726	20	3,746	30,000	5,000	35,000	26,382	12,518	38,900	.....
		,, ,, 6. ...	38,778	8,066	46,844	2,671	4	2,675	20,000	2,000	22,000	15,332	6,837	22,169	.....
		,, ,, 7. ...	49,688	5,172	54,860	11,752	158	11,910	28,000	2,000	30,000	8,943	4,007	12,950	.....
		,, ,, 8. ...	25,026	5,987	31,013	2,032	.....	2,032	12,000	2,000	14,000	10,494	4,487	14,981	.....
		,, ,, 9. ...	29,381	9,160	38,541	478	10	488	15,000	2,500	17,500	13,316	7,237	20,553	.....
		,, ,, 10. ...	28,154	6,066	34,220	36	52	88	12,000	1,500	13,500	15,555	5,077	20,632	.....
		,, ,, 11. ...	30,004	4,363	34,367	2,130	5	2,135	15,000	2,500	17,500	12,274	2,458	14,732	.....
		,, ,, 12. ...	28,411	8,610	37,021	5,831	.....	5,831	10,000	4,500	14,500	12,012	4,678	16,690	
		,, ,, 13. ...	32,765	6,933	39,698	6,096	.....	6,096	14,000	2,500	16,500	12,014	5,088	17,102	.....
		,, ,, 14. ...	63,846	14,669	78,515	1,277	8	1,285	25,000	5,000	30,000	36,293	10,937	47,230	.....
		Total...	5,52,861	1,01,464	6,54,325	80,213	1,347	81,560	2,64,000	37,500	3,01,500	1,97,597	73,668	2,71,265	.....
		(2.)—*Large Bridges.*													
		District No. 1 at M. 0 CHS. 50	3,956	.....	3,956	.....	.....	.....	3,759	197	3,956	.....	.....	.....	.....
		,, ,, 1 ,, 3 43	18,835	7,711	26,546	7,139	666	7,805	5,487	3,855	9,342	5,833	3,566	9,399	.....
		,, ,, 1 ,, 4 3	9,436	3,850	13,286	13	.....	13	9,277	1,998	11,275	.....	1,998	1,998	.....
		,, ,, 2 ,, 2 41	8,492	3,849	12,341	.....	.....	.....	8,068	2,136	10,204	.....	2,137	2,137	.....
		,, ,, 2 ,, 9 51	2,780	2,887	5,667	11	.....	11	2,631	1,512	4,143	.....	1,513	1,513	.....
		,, ,, 3 ,, 1 45	10,465	4,812	15,277	264	.....	264	1,200	2,406	3,606	8,792	2,615	11,407	.....
		,, ,, 3 ,, 9 40	10,095	5,614	15,709	.....	.....	.....	2,000	2,800	4,800	7,909	3,000	10,909	.....
		,, ,, 3 ,, 14 46	7,110	4,627	11,737	749	.....	749	2,000	2,313	4,313	4,220	2,455	6,675	.....
		,, ,, 4 ,, 5 73	5,014	3,084	8,098	.....	.....	.....	1,500	1,542	3,042	3,414	1,642	5,056	.....
		,, ,, 4 ,, 8 42	26,585	9,253	35,838	205	.....	205	10,000	4,626	14,626	15,849	5,158	21,007	.....
		,, ,, 5 ,, 3 9	6,267	.....	6,267	.....	.....	.....	5,954	313	6,267	.....	.....	.....	.....
		,, ,, 7 ,, 5 13	68,945	84,203	1,53,148	2,173	280	2,453	30,000	42,101	72,101	35,394	43,200	78,594	.....
		,, ,, 8 ,, 5 51	13,238	10,795	24,033	.....	.....	.....	6,000	5,397	11,397	6,974	5,662	12,636	.....
		,, ,, 8 ,, 10 47	22,066	9,253	31,319	.....	.....	.....	12,000	4,626	16,626	9,626	5,067	14,693	.....
		,, ,, 8 ,, 14 10	8,329	3,331	11,660	.....	.....	.....	2,000	1,665	3,665	6,163	1,832	7,995	.....
		,, ,, 9 ,, 7 30	19,420	13,879	33,299	.....	.....	.....	12,000	6,939	18,939	7,033	7,327	14,360	.....

Consulting Engineer's letter, No. 889, of 8th September 1873.

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

Date of Sanction.	No.	Details.	Amount of Estimate.			Expenditure during the official year 1872-73.			Estimated Expenditure during the official year 1873-74.			Estimated Expenditure for the official year 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.	
		(2.)—*Large Bridges.*—(Concluded.)	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
		M. Chs.													
		District No. 9 13 72	6,548	3,849	10,397	.....	.....	.....	1,500	1,924	3,424	4,918	2,055	6,973	.....
		,, ,, 9 14 2	3,677	2,887	6,564	.....	.....	.....	1,000	1,443	2,443	2,604	1,517	4,121	.....
		,, ,, 10 2 23	35,446	28,068	63,514	.....	.....	.....	15,000	14,034	29,034	19,737	14,743	34,480	.....
		,, ,, 10 6 35	21,245	16,224	37,469	.....	.....	.....	10,000	8,112	18,112	10,820	8,537	19,357	.....
		,, ,, 10 8 30	57,920	67,363	1,25,283	.....	.....	.....	20,000	33,681	53,681	36,763	34,839	71,602	.....
		,, ,, 10 8 64	14,845	5,614	20,459	.....	.....	.....	3,000	2,807	5,807	11,548	3,104	14,652	.....
		,, ,, 10 12 36	5,409	2,887	8,296	.....	.....	.....	1,800	1,443	3,243	3,502	1,551	5,053	.....
		,, ,, 11 0 73	10,680	6,169	16,849	.....	.....	.....	2,000	3,084	5,084	8,467	3,298	11,765	.....
		,, ,, 12 2 3	3,223	2,887	6,110	743	.....	743	2,319	1,524	3,843	.....	1,524	1,524	.....
		,, ,, 12 3 27	3,730	2,887	6,617	1,127	.....	1,127	1,000	1,443	2,443	1,529	1,518	3,047	.....
		,, ,, 13 2 46	14,232	9,734	23,966	797	.....	797	8,000	4,867	12,867	5,150	5,152	10,302	.....
		,, ,, 13 3 67	15,701	12,979	28,680	18	.....	18	1,000	6,489	7,489	14,370	6,803	21,173	.....
		,, ,, 14 2 45	5,311	2,887	8,198	53	.....	53	1,000	1,443	2,443	4,153	1,549	5,702	.....
		,, ,, 14 5 9	53,267	56,136	1,09,403	926	.....	926	20,000	28,068	48,068	31,276	29,133	60,409	.....
		,, ,, 14 13 70	6,052	3,084	9,136	.....	.....	.....	5,749	1,694	7,443	.....	1,693	1,693	.....
		Total...	4,98,319	3,90,803	8,89,122	14,218	946	15,164	2,07,244	1,96,482	4,03,726	2,66,034	2,04,198	4,70,232	.....
		(4.)—*Level Crossings.*													
		District No. 1 ...	11,766	.....	11,766	3	.....	3	3,000	1,250	4,250	6,028	1,485	7,513	.....
		,, ,, 2 ...	9,845	.....	9,845	.....	.....	.....	2,500	1,000	3,500	5,148	1,197	6,345	.....
		,, ,, 3 ...	9,576	.....	9,576	.....	.....	.....	2,500	1,000	3,500	4,885	1,191	6,076	.....
		,, ,, 4 ...	8,030	.....	8,030	.....	.....	.....	1,500	1,000	2,500	4,309	1,161	5,530	.....
		,, ,, 5 ...	10,489	.....	10,489	.....	.....	.....	3,000	1,000	4,000	5,279	1,210	6,489	.....
		,, ,, 6 ...	11,443	.....	11,443	.....	.....	.....	3,000	1,250	4,250	5,711	1,479	7,193	.....
		,, ,, 7 ...	13,974	.....	13,974	75	.....	75	5,000	2,000	7,000	4,620	2,279	6,899	.....
		,, ,, 8 ...	7,922	.....	7,922	.....	.....	.....	1,000	1,000	2,000	4,764	1,158	5,922	.....
		,, ,, 9 ...	8,604	.....	8,604	.....	.....	.....	1,250	1,000	2,250	5,182	1,172	6,354	.....
		,, ,, 10 ...	7,521	.....	7,521	.....	.....	.....	1,000	1,000	2,000	4,371	1,150	5,521	.....
		,, ,, 11 ...	12,160	.....	12,160	.....	.....	.....	2,500	1,500	4,000	6,447	1,743	8,190	.....
		,, ,, 12 ...	9,421	.....	9,421	.....	.....	.....	1,500	1,000	2,500	5,733	1,188	6,921	.....
		,, ,, 13 ...	18,480	.....	18,480	.....	.....	.....	3,500	1,750	5,250	11,131	2,099	13,230	.....
		,, ,, 14 ...	8,223	.....	8,223	12	.....	12	1,500	1,000	2,500	4,547	1,164	5,711	.....
		Total...	1,47,454	.....	1,47,454	90	.....	90	32,750	16,750	49,500	78,188	19,676	97,864	.....
		(5.)—*Fencing.*													
		District No. 1... ...	12,000	.....	12,000	64	.....	64	2,250	6,750	9,000	686	2,250	2,936	.....
		,, ,, 2... ...	9,000	.....	9,000	13	.....	13	1,688	5,063	6,751	549	1,687	2,236	.....
		,, ,, 3... ...	9,000	.....	9,000	.....	.....	.....	1,687	5,063	6,750	562	1,688	2,250	.....
		,, ,, 4... ...	11,000	.....	11,000	21	.....	21	2,062	6,188	8,250	666	2,063	2,729	.....
		,, ,, 5... ...	9,000	.....	9,000	.....	.....	.....	1,687	5,063	6,750	562	1,688	2,250	.....
		,, ,, 6... ...	10,000	.....	10,000	156	.....	156	1,875	5,625	7,500	469	1,875	2,344	.....
		,, ,, 7... ...	11,000	.....	11,000	126	.....	126	2,063	6,188	8,251	561	2,062	2,623	.....
		,, ,, 8... ...	9,000	.....	9,000	167	.....	167	1,688	5,063	6,751	395	1,687	2,082	.....
		,, ,, 9... ...	8,500	.....	8,500	.....	.....	.....	1,594	4,781	6,375	531	1,594	2,125	.....
		,, ,, 10... ...	8,500	.....	8,500	.....	.....	.....	1,594	4,781	6,375	531	1,594	2,125	.....
		,, ,, 11... ...	9,000	.....	9,000	.....	.....	.....	1,687	5,063	6,750	562	1,688	2,250	.....
		,, ,, 12	10,000	.....	10,000	.....	.....	.....	1,875	5,625	7,500	625	1,875	2,500	.....
		,, ,, 13... ...	12,000	.....	12,000	.....	.....	.....	2,250	6,750	9,000	750	2,250	3,000	.....
		,, ,, 14... ...	12,000	.....	12,000	1,039	.....	1,039	1,211	6,750	7,961	750	2,250	3,000	.....
		Total...	1,40,000	.....	1,40,000	1,586	.....	1,586	25,211	78,753	1,03,964	8,199	26,251	34,450	.....
		Total *Construction of Line*	20,53,215	4,92,267	25,45,482	2,98,463	2,379	3,00,842	7,94,970	3,32,832	11,27,802	7,78,791	3,38,047	11,16,838	.....
IV.		Ballast and Permanent way.													
		(1.) *Ballasting.*													
		District No. 1	21,326	.....	21,326	.....	.....	.....	6,667	818	7,485	13,006	835	13,841	.....
		,, ,, 2	17,198	.....	17,198	.....	.....	.....	5,334	799	6,133	10,323	742	11,065	.....
		,, ,, 3	17,716	.....	17,716	.....	.....	.....	5,334	1,145	6,479	10,311	926	11,237	.....
		,, ,, 4	17,624	.....	17,624	.....	.....	.....	5,334	1,083	6,417	10,314	893	11,207	.....
		,, ,, 5	17,212	.....	17,212	.....	.....	.....	5,334	808	6,142	10,322	748	11,070	.....
		,, ,, 6	16,912	.....	16,912	.....	.....	.....	5,334	1,274	6,608	9,429	875	10,304	.....

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

Date of Sanction.	No.	Details.	Amount of Estimate.			Expenditure during the official year 1872-73.			Estimated Expenditure during the official year 1873-74.			Estimated Expenditure for the official year 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.	
		Ballast and Permanent-way.—(Concluded.)	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
		District No. 7... ...	18,995	.....	18,995	.....	.....	.....	5,334	1,330	6,664	11,286	1,045	12,331	.....
		,, ,, 8... ...	16,871	.....	16,871	.....	.....	.....	3,334	580	3,914	12,330	627	12,957	.....
		,, ,, 9... ...	16,740	.....	16,740	.....	.....	.....	3,334	494	3,828	12,331	581	12,912	.....
		,, ,, 10... ...	16,735	.....	16,735	.....	.....	.....	3,334	490	3,824	12,332	579	12,911	.....
		,, ,, 11... ...	18,398	.....	18,398	.....	.....	.....	3,334	932	4,266	13,298	834	14,132	.....
		,, ,, 12	20,480	.....	20,480	.....	.....	.....	3,334	987	4,321	15,256	903	16,159	.....
		,, ,, 13... ...	21,711	.....	21,711	.....	.....	.....	4,667	1,140	5,807	14,900	1,004	15,904	.....
		,, ,, 14... ...	19,739	.....	19,739	.....	.....	.....	4,667	751	5,418	13,551	770	14,321	.....
		Total...	2,57,657	.....	2,57,657	... ..	.....	.....	64,675	12,631	77,306	1 68,989	11,362	1,80,351	.....
		(2.)—*Permanent-way.*													
		District No. 1... ...	22,024	2,64,767	2,86,791	.....	.....	.....	12,000	1,32,382	1,44,382	9,587	1,32,822	1,42,409	.....
		,, ,, 2... ...	27,449	2,33,797	2,61,246	.....	.....	.....	12,500	1,16,898	1,29,398	14,401	1,17,447	1,31,848	.....
		,, ,, 3... ...	36,070	2,37,969	2,74,039	.....	.....	.....	11,750	1,18,984	1,30,734	23,600	1,19,705	1,43,305	.....
		,, ,, 4... ...	43,134	2,38,367	2,81,501	.....	.....	.....	17,500	1,19,183	1,36,683	24,772	1,20,046	1,44,818	.....
		,, ,, 5... ...	51,154	2,31,105	2,82,259	.....	.....	.....	20,000	1,15,552	1,35,552	30,132	1,16,575	1,46,707	.....
		,, ,, 6... ...	57,798	2,27,024	2,84,822	.....	.....	.....	18,750	1,13,512	1,32,262	37,888	1,14,672	1,52,560	.....
		,, ,, 7... ...	60,480	2,34,781	2,95,261	.....	.....	.....	21,000	1,17,390	1,38,390	38,271	1,18,600	1,56,871	.....
		,, ,, 8... ...	54,239	2,26,467	2,80,706	.....	.....	.....	11,750	1,13,233	1,24,983	41,405	1,14,318	1,55,723	.....
		,, ,, 9... ...	46,672	2,29,517	2,76,189	.....	.....	.....	7,250	1,14,758	1,22,008	38,490	1,15,691	1,54,181	.....
		,, ,, 10... ...	38,698	2,24,611	2,63,309	.....	.....	.....	4,205	1,12,305	1,16,510	33,720	1,13,079	1,46,799	.....
		,, ,, 11... ...	33,950	2,50,123	2,84,073	.....	.....	.....	5,619	1,25,061	1,30,680	27,653	1,25,740	1,53,393	.....
		,, ,, 12... ...	27,501	2,76,042	3,03,543	.....	.....	.....	5,119	1,38,021	1,43,140	21,832	1,38,571	1,60,403	.....
		,, ,, 13... ...	18,093	2,78,628	2,96,721	.....	.....	.....	7,000	1,39,314	1,46,314	10,731	1,39,676	1,50,407	.....
		,, ,, 14... ...	27,450	2,60,358	2,87,808	.....	.....	.....	9,250	1,30,179	1,39,429	17,651	1,30,728	1,48,379	.....
		Total...	5,44,712	34,13,556	39,58,268	.....	.....	.....	1,63,693	17,06,772	18,70,465	3,70,133	17,17,676	20,87,809	.. ...
		Total *Ballast and Permanent-way*	8,02,369	34,13,556	42,15,925	.....	.....	.....	2,28,368	17,19,403	19,47,771	5,39,122	17,29,032	22,68,154	.....
V.		Stations and Buildings.													
		Trichinopoly	1,25,863	32,118	1,57,981	9,462	1,544	11,006	62,931	16,059	78,990	50,953	17,032	67,985	.....
		Colattoor	10,890	1,291	12,181	1,844	.....	1,844	5,445	645	6,090	3,384	863	4,247	.....
		Manaparay	11,358	1,292	12,650	1,710	.....	1,710	3,750	646	4,396	5,571	973	6,544	.....
		Yellungacoorchee ...	10,952	1,292	12,244	2,206	37	2,243	3,750	646	4,396	4,777	828	5,605	.....
		Vadamadura	10,168	1,292	11,460	.....	.....	.....	5,084	646	5,730	4,881	849	5,730	.....
		Dindigul	32,974	2,077	35,051	1,779	.....	1,779	16,487	1,038	17,525	14,049	1,698	15,747	.....
		Ammanaikanoor ...	12,775	1,292	14,067	1,887	.....	1,887	3,750	646	4,396	6,883	901	7,784	.....
		Sholavandan	13,774	1,292	15,066	1,900	.....	1,900	3,750	646	4,396	7,849	921	8,770	.....
		Madura	1,31,476	30,176	1,61,652	.....	.....	.....	65,738	15,088	80,826	63,109	17,717	80,826	.....
		Tripanacondum ...	9,265	399	9,664	2,250	.....	2,250	4,632	199	4,831	2,198	385	2,583	.....
		Tirumungalum	11,461	1,292	12,753	1,900	.....	1,900	2,250	646	2,896	7,082	875	7,957	.....
		Virduputty	30,505	2,077	32,582	850	.....	850	2,700	1,038	3,738	26,345	1,649	27,994	.....
		Satoor	13,143	1,291	14,434	.....	15	15	1,500	645	2,145	11,381	893	12,274	.....
		Covilputty	13,624	1,292	14,916	1,579	.....	1,579	1,500	646	2,146	10,273	918	11,191	.....
		Kudumboor	9,801	399	10,200	.....	.....	.....	4,900	199	5,099	4,705	396	5,101	.....
		Maniachee	20,364	3,854	24,218	.....	.....	.....	10,182	1,927	12,109	9,775	2,334	12,109	.....
		Tuticorin	1,77,833	16,593	1,94,426	1,633	.....	1,633	45,000	8,296	53,296	1,27,625	11,872	1,39,497	.....
		Gaingoondan	9,727	1,292	11,019	.....	.....	.....	4,863	646	5,509	4,670	840	5,510	.....
		Tinnevelly	88,510	13,926	1,02,436	2,093	.....	2,093	44,255	6,963	51,218	40,392	8,733	49,125	.....
		Total...	7,44,463	1,14,537	8,59,000	31,093	1,596	32,689	2,92,467	57,265	3,49,732	4,05,902	70,677	4,76,579	.....
VI.		Electric Telegraph Temporary	12,000	.....	12,000	6,861	.....	6,861	5,139	.....	5,139	.....	.....	.....	.....
VII.		Plant.													
		(1.) *Engineering* ...	1,21,927	96,319	2,18,246	7,894	21,570	29,464	50,000	70,000	1,20,000	64,033	4,749	68,782	.....
		(2.) *Station and Office Furniture*	75,600	37,900	1,13,500	3,263	4,665	7,928	4,000	6,000	10,000	68,337	27,235	95,572	.....
		Total...	1,97,527	1,34,219	3,31,746	11,157	26,235	37,392	54,000	76,000	1,30,000	1,32,370	31,984	1,64,354	.....
IX.		Maintenance	2,58,015	.....	2,58,015	.....	.....	.....	.....	.....	.....	86,000	.....	86,000	1,72,015
		Grand Total, *less preliminary expenses*...	40,67,589	41,54,579	82,22,168	3,47,574	30,210	3,77,784	13,74,944	21,85,500	35,60,444	19,42,285	21,69,740	41,11,925	1,72,015

Trichinopoly,
16*th October* 1873.

(Signed) W. S. BETTS,
Agent.

(Signed) F. F. SMITH,
for *Chief Engineer.*

SCHEDULE A.

Budget Estimate for the year 1874-75.

Number.	Details.	Amount of Estimate.			Expenditure during the official year 1873-74.			Estimated Expenditure during the official year 1874-75.			Estimated Expenditure for the year 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.	
	Rolling Stock.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
30	Locomotives	30,000	6,00,000	6,30,000	...	...	...	...	...	...	21,000	4,20,000	4,41,000	1,89,000
1	5-ton Travelling Crane	300	1,020	1,320	...	...	...	...	...	...	...	...	...	1,320
8	Composite Carriages	10,700	6,004	16,704	...	...	...	...	...	...	5,350	3,002	8,352	8,352
50	Third-class Carriages	27,200	8,650	35,850	...	...	...	...	...	...	13,600	4,325	17,925	17,925
12	Passenger Brake Vans	11,700	7,908	19,608	...	...	...	...	...	...	5,850	3,954	9,804	9,804
6	Horse-boxes	4,100	3,106	7,206	...	...	...	...	...	...	1,367	1,035	2,402	4,804
2	Carriage Trucks	480	486	966	...	...	...	...	...	...	240	243	483	483
6	Goods Brake Vans	2,180	1,768	3,948	...	...	...	...	...	...	2,180	1,768	3,948	...
150	Covered Goods Wagons	1,02,220	47,480	1,49,700	...	...	...	...	...	...	68,147	31,653	99,800	49,900
50	Ballast Wagons	9,000	9,100	18,100	...	...	...	...	...	...	9,000	9,100	18,100	...
9	Timber Trucks	2,520	2,547	5,067	...	...	...	...	...	...	2,520	2,547	5,067	...
1	Gun-powder Van	400	1,151	1,551	...	...	...	...	...	...	...	...	...	1,551
40	Salt Trucks	26,150	9,330	35,480	...	...	...	...	...	...	13,075	4,665	17,740	17,740
100	High-sided Open Goods	42,350	32,150	74,500	...	...	...	...	...	...	28,233	21,433	49,666	24,834
100	Cotton Trucks	47,050	35,750	82,800	...	...	...	...	...	...	11,763	8,937	20,700	62,100
	Total	3,16,350	7,66,450	10,82,800	...	...	...	...	...	...	1,82,325	5,12,662	6,94,987	3,87,813

Sanctioned Government Order, No. 803, dated 21st March 1872.

(Signed) W. S. BETTS,
Agent.

Proceedings of the Madras Government, Public Works Department, 29th December 1873.

SCHEDULE D.

Capital and Revenue.

Budget Estimate of Establishment and Contingencies for 1874-75.

Sanction.	Number. 1873-74.	Number. 1874-75.	Details.	Monthly Salary of Office.	Estimate, 1873-74. Per Mensem.	Estimate, 1873-74. Per Annum.	Distribution of Charges. Capital.	Revenue.	Total.	Estimate, 1874-75. Per Mensem.	Per Annum.	Distribution of Charges. Capital.	Revenue.	Total.
			Direction.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	1	1	Agent and Traffic Manager	1,364	1,364	16,364				1,364	16,364			
	1	1	Chief Auditor	400	400	4,800				400	4,800			
	1	1	Consulting Physician	100	100	1,200				150	1,800			
	3	3	Apothecaries	Varies.	220	2,640				250	3,000			
	80	90	Clerks	do.	3,000	36,000	25,844	40,000	65,844	3,250	39,000	42,364	40,000	82,364
	50	60	Peons, Watchmen, etc.	do.	320	3,840				350	4,200			
	...	...	Travelling Allowance	.....	.....	1,000				.....	1,200			
	...	1	Chief Accountant	.....	.....	.....				500	6,000			
	...	1	General Store-keeper	.....	.....	.....				500	6,000			
			Traffic Department.											
	1	1	Assistant Traffic Manager	500	500	6,000				650	7,800			
	7	7	Clerks	Varies.	165	1,980				183	2,200			
	21	21	Guards	do.	500	6,000				500	6,000			
	2	2	Inspectors	do.	85	1,020	.....	45,700	45,700	83	1,000	.....	50,200	50,200
	80	80	Station Clerks	do.	1,391	15,500				1,525	18,300			
	180	180	Porters, etc.	do.	1,166	14,000				1,141	13,700			
	...	...	Travelling Allowance	.....	.....	1,200				.....	1,200			
			Maintenance Department.											
	1	1	Resident Engineer	818	818	9,818				818	9,818			
	1	1	Clerk	150	175	2,100				175	2,100			
	1	1	Draughtsman	25	30	360				35	420			
	8	7	Peons	Varies.	54	648				54	648			
	4	4	Inspectors	do.	640	7,683				640	7,680			
	4	3	Inspectors' Writers	do.	80	960				80	960			
	8	8	Lascars	do.	54	648				54	648			
	4	4	Bellow Boys	20	20	240	.....	65,588	65,588	20	240	.....	63,974	63,974
	4	4	Smith Maistries	60	60	720				60	720			
	4	4	Carpenters	60	60	720				60	720			
	328	390	Platelayers	Varies.	2,543	30,516				2,350	28,200			
	92	90	Line Watchmen	do.	462	5,544				450	5,400			
	61	72	Gatemen	do.	219	2,634				260	3,120			
	4	4	Sub-Inspectors	140	140	1,680				140	1,680			
	...	...	Travelling Allowance	105	80	960				105	1,260			
	...	...	Office rent	30	30	360				30	360			

Meeting held at Trichinopoly, 12th November 1873.

Budget Estimate of Establishment and Contingencies for 1874-75.—(Concluded.)

Sanction.	Number. 1873-74.	Number. 1874-75.	Details.	Monthly Salary of Office.	Estimate, 1873-74. Per Mensem.	Estimate, 1873-74. Per Annum.	Distribution of Charges. Capital.	Revenue.	Total.	Estimate, 1874-75. Per Mensem.	Estimate, 1874-75. Per Annum.	Distribution of Charges. Capital.	Revenue.	Total.
			Locomotive Department.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	1	1	Locomotive and Carriage Superintendent.	818	818	9,818				818	9,818			
	...	1	Assistant to do.	.....	.....	.....				500	6,000			
	1	...	Locomotive Foreman, Negapatam...	300	.....	.....				.....	.....			
	1	1	Do. Trichinopoly	300	300	3,600				300	3,600			
	...	1	Do. Madura ...	.....	.....	.....				350	4,200			
	...	1	Do. Tuticorin ...	.....	.....	.....				300	3,600			
	1	1	Foreman, Smith-shop... ...	331	331	3,971				331	3,971			
	1	1	Do. Carriage-shop ...	300	300	3,600				300	3,600			
	4	4	Native Foremen	Varies.	171	2,052				175	2,100			
	1	1	Chief Clerk	165	165	1,980				165	1,980			
	26	25	Clerks	Varies.	446	5,352	.....	78,361	78,361	695	8,340	25,866	98,352	1,24,218
	3	3	Draughtsmen	do.	39	468				120	1,440			
	14	19	Peons	do.	82	984				117	1,404			
	21	23	Fitters	do.	680	8,160				1,064	12,768			
	9	9	Drivers	do.	950	11,400				1,704	20,455			
	39	43	Firemen	do.	1,071	12,852				1,525	18,300			
	15	23	Cleaners	do.	61	732				108	1,296			
	10	18	Coalmen	do.	104	1,248				160	1,920			
	23	30	Watermen	do.	127	1,524				170	2,040			
	22	30	Native Subordinates	do.	184	2,208				275	3,300			
	3	4	Rolling Stock Inspectors ...	do.	74	888				105	1,260			
	...	...	Overtime and Batta	776	627	7,524				.....	9,950			
	...	...	5 percentage	.....	.....	.....				.....	2,876			
			ENGINEERING DEPARTMENT.											
			Engineers.											
	1	1	Chief Engineer	1,800	1,800	21,600				1,800	21,600			
	4	4	Assistant Engineers, 1st Class ...	818	2,545	30,545				3,273	39,273			
	4	4	Do. 2nd do ...	636	2,447	29,367				2,546	30,546			
	7	7	Do. 3rd do. ...	454	2,720	32,643				3,182	38,183			
	...	...	Tentage	1,300	1,295	15,536				1,300	15,600			
			Chief Engineer's Office.											
	1	1	Manager	350	350	4,200				350	4,200			
	1	1	Clerk	120	120	1,440				120	1,440			
	1	1	Accountant	100	50	600				100	1,200			
	...	...	Clerks, Accountants, etc. ...	970	921	11,043				970	11,640			
	1	1	Cash-keeper	70	47	560				70	840			
	1	1	Apothecary	60	60	720				60	720			
	.....	.....	Office Cash Peons, Sweepers ...	104	100	1,200				104	1,248			
			Engineering Workshop.											
	1	1	Foreman	300	217	2,607				300	3,600			
	1	1	Assistant Foreman	80	64	770				80	960			
	.....	.....	Clerks, Accountants, Time-keepers, Timber-measurer, etc.	275	170	2,043				275	3,300			
			Engineering Stores.				2,63,516	.....	2,63,516			3,35,102	.....	3,35,102
	1	1	Store-keeper	200	200	2,400				200	2,400			
	1	1	Assistant Store-keeper ...	80	57	690				80	960			
	.....	.....	Clerks and Accountants ...	370	270	3,237				370	4,440			
	12	12	Lascars	84	75	906				84	1,008			
			14 Districts.											
	14	14	Sub-Assistant Engineers and Engineering Assistants.	Varies.	1,913	22,957				2,170	26,040			
	28	28	Inspectors	do.	2,143	25,715				3,500	42,000			
	.....	.....	Writers and Accountants ...	1,260	650	7,798				1,260	15,120			
	14	14	Cash-keepers	50	368	4,421				700	8,400			
	14	14	Store-keepers	45	506	6,075				910	10,920			
	14	14	Apothecaries	50	495	5,940				700	8,400			
	.....	.....	Inspectors' Writers	Varies.	248	2,980				560	6,720			
	.....	.....	Cash Peons	do.	142	1,708				336	4,032			
	.....	.....	Store Peons	do.	106	1,278				294	3,528			
	.....	.....	Lascars	do.	648	7,782				672	8,064			
			Where required.											
	6	6	Masonry Inspectors	260	1,229	14,748				1,560	18,720			
			Contingencies.											
	.....	.....	Direction	.....	.....	.....	600	.....	600	.....	.....	1,000	.....	1,000
	.....	.....	Engineering	.....	.....	.....	3,000	.....	3,000	.....	.....	5,000	.....	5,000
	.....	.....	Locomotive...	.....	.....	.....	.....	.....	.....	.....	.....	500	.....	500
				.....	.....	.....	2,92,960	2,29,649	5,22,609	.....	.....	4,09,832	2,52,526	6,62,358

Meeting held at Trichinopoly 12th November 1873.—(Concluded.)

NEGAPATAM,
10*th November* 1873.

(Signed) W. S. BETTS,
Agent.

SCHEDULE E.

Budget Estimate of Expenditure on Stores during 1874-75.

Details.	Actual purchases, 1872-73.		Purchases during 1873-74.		Purchases during 1874-75.		Remarks.
	Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.	
In India.	TONS.	RS.	TONS.	RS.	TONS.	RS.	
Timber	194	11,206	500	50,000	1,000	1,00,000	
Coal	526	8,683	2,860	84,200	2,000	56,000	
Oil	22	6,768	22	6,800	25	7,000	
Firewood ...	361	1,263	4,000	24,000	4,000	24,000	
Stationery ...	.....	7,296	.....	8,000	.....	8,000	
Boat hire, freight, duty on English Stores... ...	.....	2,874	.....	10,000	.....	12,000	
Miscellaneous ...	.....	56,020	.....	50,000	.....	80,000	
Total...	.....	94,110	.....	2,33,000	.....	2,87,000	
In England.	*	*	*	*	*	*	* Not in possession of this information.

MEMORANDUM.

	RS.	
Actual balance of Stores on 1st April 1873 ...	...3,57,229 11 7	
Estimated purchases during 1873-74, as above... ...	.....	
Total...	.....	
Estimated issues during 1873-74	.....	See above remark.
Do. balance on 1st April 1874	.....	
Do. purchases during 1874-75, as above ...	.....	
Total...	.....	
Estimated issues during 1874-75	.....	
Do. balance on 1st April 1875	.....	

NEGAPATAM,
10*th November* 1873.

(Signed) W. S. BETTS,
Agent.

SCHEDULE F.

General Estimate of Traffic Receipts for the year 1874-75.

	MILES.
Number of miles open for traffic on 1st April 1873	168
Expected to be open during 1873-74	...
Total on 1st April 1874...	168
Expected to be open during 1874-75	...
Total likely to be opened at the end of 1874-75...	168
Average number of miles expected to be open during the whole of 1874-75.	168

	Actuals, 1872-73.	Budget Estimate, 1873-74.	Regular Estimate, 1873-74.	Budget Estimate, 1874-75.
	RS.	RS.	RS.	RS.
Coaching Traffic	5,02,642	4,50,000	4,76,500	4,75,000
Goods do.	4,12,638	4,90,000	4,75,250	4,20,000
Electric Telegraph Earnings	5,586	5,000	5,000	6,000
Sundries	12,303	5,000	25,000	36,000
Total...	9,33,169	9,50,000	9,81,750	9,37,000

NEGAPATAM,
10*th November* 1873,

(Signed) W. S. BETTS,
Agent.

SCHEDULE G.

General Estimate of Revenue Expenditure for 1874-75.

Details.	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.				
Salaries, Office Expenses, and General Superintendence.				
Engineers' Salary	14,786	9,818	9,820	9,820
Allowances, including Travelling Expenses ...	699	960	960	1,000
Subordinate Superintendence	6,480	7,680	7,220	7,680
Allowance of do.	83	...	...	...
Overtime Allowances	...	...	...	...
Office Expenses	4,985	5,500	5,500	5,500
Maintenance and Renewals of Permanent-way.				
Wages	40,263	43,054	41,000	41,600
Material	36,545	41,738	37,500	65,400
Repairs of Bridges, etc.—Wages and Material.				
Bridges and Tunnels	316	1,000	1,000	1,000
Miscellaneous, including earthwork, road, fencing, etc.	886	3,500	2,000	2,000
Repairs of Stations and Buildings—Wages and Material.				
Repairs to buildings of every description including Station yards and Signals, and excepting Staff quarters	6,836	9,500	7,500	7,500
Repairs to Staff Quarters	487	750	750	750
Unclassified Expenditure.				
Plantation	108	500	...	250
Tools and Plant	329	1,000	750	1,000
Miscellaneous	180	...	...	...
Total...	1,12,983	1,25,000	1,14,000	1,43,500
LOCOMOTIVE EXPENSES.				
General Superintendence.				
Salaries of Locomotive Superintendent and Assistant	8,182	8,247	8,100	11,960
Allowances of do., including Travelling Allowance	248	252	380	500
Subordinate Superintendents	19,442	22,730	17,660	21,000
Allowances of do., including Travelling Allowance	471	96	100	250
Overtime Allowance	340	196	650	700
Office Expenses	7,836	9,015	8,000	9,000
Running Expenses (Wages connected with working of Engines).				
Wages of Drivers and Firemen...	22,603	39,664	24,250	33,000
Overtime Allowance	5,541	4,500	6,150	6,200
All labour connected with fuelling, cleaning, and looking after Engines in the yard	2,225	3,300	2,650	3,000
Contingent Expenses, including Clothing and Travelling Expenses	...	50	30	40

General Estimate of Revenue Expenditure, etc.—(Continued.)

Details.	Actuals, 1872-73.	Budget Estimate, 1873-74.	Regular Estimate, 1873-74.	Budget Estimate, 1874-75.
	RS.	RS.	RS.	RS.
Fuel.				
Coal and Coke	54,961	42,000	1,05,140	91,000
Patent Fuel	20,218	27,000	350	...
Wood	2,231	2,500	21,420	20,000
Water (including Wages and Stores)	2,317	2,500	2,070	2,500
Oil, Tallow, and other Stores (expended on Engines in work	4,109	4,000	4,050	4,100
Maintenance and Renewals of Engines and Machinery.				
Wages	10,392	12,350	10,420	12,000
Overtime Allowances	228	300	340	350
Materials...	15,308	20,300	21,400	21,000
Unclassified Expenditure.				
Loss on Stores	...	1,000	500	...
Tools and Plant	...	...	...	500
Total...	1,76,652	2,00,000	2,33,660	2,37,100
CARRIAGE AND WAGON EXPENSES.				
General Superintendence.				
Salaries of Superintendent and Assistant ...	1,636	1,571	1,700	2,280
Allowances, including Travelling	52	48	90	120
Subordinate Superintendents	3,516	4,329	3,720	4,100
Allowances, including Travelling	83	16	20	50
Overtime Allowances	38	40	100	150
Office Expenses	1,425	1,717	1,700	1,700
Repairs and Renewals of Vehicles and Machinery.				
Coaching Vehicles.—Wages	2,941	3,200	2,000	3,000
Coaching Vehicles.—Overtime	10	50	50	50
Coaching Vehicles.—Materials	6,775	8,000	7,280	8,000
Goods Vehicles.—Wages	5,953	4,400	8,000	8,000
Goods Vehicles.—Overtime	76	100	100	100
Goods Vehicles.—Materials	12,298	11,000	15,500	15,000
Cleaning Carriages and Wagons and Oiling.				
Labour including wages of Oilers, Carriage Cleaners and Examiners	2,767	2,529	2,500	2,800
Stores, including Oil, Grease and other Stores for consumption on running vehicles ...	2,989	2,500	3,400	3,500
Unclassified Expenditure.				
Tools and Plant	...	500	300	500
Miscellaneous	...	...	...	...
Total...	40,559	40,000	46,460	49,350
TRAFFIC EXPENSES.				
Salaries, Wages, and General Superintendence.				
Assistant Traffic Manager	6,000	7,800	6,000	7,800
Office Establishment	1,527	2,000	1,980	2,200
Travelling Allowance	1,124	1,200	1,200	1,200
Contingencies	19	20	20	50

General Estimate of Revenue Expenditure, etc.—(Concluded.)

Details.	Actuals, 1872-73.	Budget Estimate, 1873-74.	Regular Estimate, 1873-74.	Budget Estimate, 1874-75.
TRAFFIC EXPENSES.—(Concluded.)	RS.	RS.	RS.	RS.
Station Staff.				
Station Masters, Clerks, Porters, etc.	27,744	30,000	29,500	32,000
Train Staff.				
Guards and Assistant Guards	5,713	7,800	7,020	7,000
Fuel, Lighting, Water, and General Stores.				
Lights, General Stores, etc., for Carriages, etc.	2,417	3,580	3,080	3,500
Wagons, Covers, Ropes, etc.	30	100	100	200
Office and Station fittings and furniture ...	559	500	500	600
Clothing.				
For Guards, Porters, etc.	832	1,000	1,000	1,000
Printing, Stationery, and Tickets	3,971	4,000	4,000	4,000
Miscellaneous Expenses	584	500	500	500
Payments to other Lines.				
Mileage of Foreign Stock	2,540	3,500	18,000	20,000
Expenses of Joint Station (Erode), including rent	12,680	13,000	13,000	13,500
Total...	65,740	75,000	85,900	93,550
GENERAL CHARGES.				
Home Expenditure.				
Directors and Secretary...	9,435	12,000	12,000	7,000
Auditors and Accountants	755	4,500	4,000	2,000
Consulting Engineer, and Inspecting Officer's Fees, and Travelling...	2,245	4,000	4,000	2,000
Office Expenses	2,108	3,500	3,000	1,500
Salaries of Indian management, including Officers.				
Agent's Office, including Audit, Accounts, etc.	21,972	26,000	26,000	22,000
Stores Department	4,690	6,000	5,500	4,000
Medical do.	1,589	2,000	2,000	1,500
Rents of Buildings and Lands	334	100	100	100
Contingencies, including furniture	812	750	750	1,000
Stationery	755	1,000	1,000	1,000
Medicines	87	150	150	150
Advertising	204	150	150	150
Electric Telegraph.				
Signallers	5,024	5,500	5,500	6,000
Office Expenses, Contingencies, etc.	725	1,350	1,350	1,350
Maintenance, Stores, and Labour	143	300	300	300
Unclassified Expenditure	408	200	200	200
Special and Miscellaneous Expenditure.				
Law Charges	82	250	250	250
Compensation for goods, lost or damaged ...	110	250	250	250
Rates and Taxes	5,790	7,000	4,500	4,500
Contribution to Fire Insurance Fund	10,000	10,000	10,000	10,000
Total...	67,268	85,000	81,000	65,250

(Signed) W. S. BETTS,
Agent.

NEGAPATAM,
10*th November* 1873.

No. 429. ORDER THEREON, 29th December 1873, No. 3,080.

RAILWAY, No. 52.

THIS letter gives cover to the Regular Estimate of the Great Southern of India Railway for the current year and the Budget Estimate for 1874-75.

2. The following is an abstract of the estimated expenditure on Capital Account:—

—	Sanctioned Estimate for 1873-74.	Regular Estimate for 1873-74.	Budget Estimate for 1874-75.
	RS.	RS.	RS.
Engineering Department	16,64,657	13,74,944	22,42,285
Locomotive do.	71,323	... .	1,82,325
Establishment and Contingencies	4,19,020	2,92,960	4,09,832
Stores	2,50,000	2,33,000	2,87,000
	24,05,000	19,00,904	31,21,442
Refunds...	1,10,000	2,75,000	3,00,000
Net Cash Demand...	22,95,000	16,25,904	28,21,442

3. These estimates will be allowed to stand as well as the estimate of revenue which is as follows:—

—	Sanctioned Estimate for 1873-74.	Regular Estimate for 1873-74.	Budget Estimate for 1873-74.
	RS.	RS.	RS.
Receipts	9,50,000	9,81,750	9,37,000
Expenditure	5,25,000	5,61,020	5,88,750
Balance...	4,25,000	4,20,730	3,48,250

4. Adverting to the statements contained in the Agent's letter, No. 5,282, dat 29th November 1873, in regard to the probable date of opening of the Souther Extension, His Excellency the Governor in Council is surprised to learn that n portion of the line is expected to be ready for traffic before the latter part of th official year 1874-75, and that even then there is little possibility of efficiently equi ping it till after April 1875, owing to delay in England in procuring iron-work f carriages.

5. Considering that the estimates for the extension provided for the completio of works of construction within two-and a-half years from the date of sanction,* and that the Government of India anticipated† that the greater part of the railway would be finished much before the end of that period, His Excellency the Governor-General in Council will no doubt receive with much regret the information now given that three years is the earliest period at which any portion of

* 21st March 1872, G. O., No. 803.
† Paragraph 14 of letter recorded in G. O., No. 803.

the line may be expected to be ready, and that if opened even at the end of that time the traffic must be inefficiently served.

6. His Excellency in Council desires to receive a full explanation as to the delay which has thus occurred.

7. Orders on the plans and estimates for the Northern Extension between Tanjore and the Coleroon river will shortly be issued.

(True Extract.)

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

No. 430. DOCKET No. 3,081, dated 29th December 1873.

COPY of the above forwarded to the Government of India.

(True Extract.)

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

Exd. E. C. Shunker.

Spare Copies

Railway Department.

CONSULTING ENGINEER'S OFFICE,

No. 646.

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 Great Southern of India 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, as compared with the sanctioned Budget estimate

estimate, shows a large decrease under advances, and an increase under refunds; the net cash demands being now estimated at Rs 16, 25, 904, against Rs 22, 95, 000. These variations are explained in the revised Financial estimate, submitted on the 7th November 1874; and the Agent's figures may, it is thought, be accepted.

Budget estimate.. 1874-75.

The Capital outlay during 1874-75 is estimated by the Agent as follows:—

Engineering		Rs 22,42,288
Sanctioned works	19,42,288	
Unsanctioned do	3,00,000	
Unsanctioned do		1,82,126
Recoverable		
Sanctioned works	1,82,126	
Establishments	1,09,888	1,09,888
Store	2,87,000	2,87,000
Total		27,21,302

Refunds, estimated at Rs 5,00,000, will reduce the net cash demands to Rs 28,21,442. No reduction of this estimate is recommended.

4. The amount entered against sanctioned works (Engineering) provides for the completion of the Southern extension between Trichinopoly and Tuticorin and Tinnevelly; and that against unsanctioned works for the commencement of the Northern extension between Tanjore and the Coleroon river. The estimates for the latter line were submitted to Government on the 4th November 1873, when the importance of commencing work as soon as possible was urged. It is hoped that early sanction

sanction to the estimates will be accorded, and that the construction works may be put in hand during 1874-75.

In the Locomotive department the expenditure is on account of rolling-stock for the Northern extension. It is thought that the section of line between Trichinopoly and Madura will be ready for traffic before the close of the financial year 1874-75; but, as explained in a letter from the Agent, it is not probable that the rolling-stock necessary for its efficient working will be completed before the 1st April 1875. With the sole

× No 5282 dated 29 Nov 1873

of

of last advices from England no contract had been let for the supply of iron-work for carriages, so that this cannot be expected to arrive before the end of July 1874. Every endeavour will, however, be made to get a sufficient number of passenger vehicles ready by the time the first section of line is completed.

Revenue Account.

5 The regular estimate for 1873-74, as compared with the sanctioned Budget estimate, shows a slight increase both in receipts and working expenses; the net profits being about the same. For the year 1874-75, the Agent's estimate is 7

as

as follows:-

Gross earnings	Rs 9,37,000
Expenditure	5,88,750.
	3,48,250.
Percentage of expenditure to receipts	62.8

As before explained, it is not anticipated that any traffic will be carried on the Southern extension before the 1st April 1895; and the Revenue estimate has consequently been framed for the open line only. The amounts entered against Passenger traffic is the same as for the current year. For goods traffic the estimate is below that for the current year, which

which is unusually large owing to the carriage of materials for the Nizam's State Railway; but it is considerably above the ordinary carriage, owing to the anticipated receipts from carriage of permanent way materials for the Southern extension.

The estimate of expenditure differs but little from that for the current year, except under the head "Maintenance of Way and Works," where a somewhat heavy expenditure in renewals is contemplated.

On the whole the Revenue estimate submitted by the Agent is considered to be fair, and no

alteration

alteration is recommended.

I have the honour to be

Sir

Your most obedient servant

Madras 2 Lieutenant Lt Col R.E.

2 Dec 1873 Cons. Engineer for

Ind Rly Co Railways

No. 5282

GREAT SOUTHERN OF INDIA RAILWAY.

AGENT'S OFFICE,

NEGAPATAM, 29th November 1873.

From

THE AGENT,

Great Southern of India Railway.

To

The Consulting Engineer for Railways.
Madras.

SIR,

Your letter No. 501 of the 24 Instant. The Chief Engineer informs me he thinks he will have the line between Tpichinopoly and Madura ready for Public traffic by the latter part of the official year 1874-75.

But I fear we cannot get a sufficient quantity of rolling stock ready for the efficient working of that section prior to the 1st April 1875, and it is for this reason I have made no provision in the Revenue Budget for the next official year for the working of an additional length of line.

Up to the date of my last advices from England, no Contract had been let for the supply of iron work for Carriages. We may estimate it will take four months from the date the Contract is signed for the iron work to be ready for shipment; and that another four months will be required for its delivery to the workshops at Negapatam.

Under

Rec'd 1st Dec. 1873. Public Works Dept. No. 3547. Railway Department. 1873.

From

The Consulting Engineer for Railways, Madras.

To

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

Dated 29th December 1873. Rec'd 31st December 1873.

Engg. No. 4946.

Railway Map showing the Proposed Extension of the G.S.I.R. from Tuticorin to Madura.

Sir,

I have the honor to forward for the information of Government a Railway Map showing the proposed extension of the Great Southern of India Railway from Tuticorin to Madura.

Rec'd 30-12-73. Sent 29-12-73.

Under the most favorable circumstances we cannot therefore get the Carriage iron work before the end of next July.

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The iron work for a portion of the goods — vehicles was to have been completed by the 28th Inst. and it may be shipped next month, and arrive at Negapatam in March or April next. Iron-work for 248 vehicles has been ordered.

It will require some time to get together a sufficient supply of skilled Labor. And the Ballast Wagons and Break Vans will first have to be Constructed. The Locomotive Superintendent estimates that after these have been finished, he will be able to turn out from 15 to 20 vehicles per mensem.

If after reading this you still wish for provision to be made in the Revenue Budget for 1874-75 for working the section referred to, I will with pleasure render a revised estimate, on hearing from you the number of months working for which you consider provision should be made.

I have the honor to be.
Sir,
Your most Obed. Servant.
Alexander Black
Agent.

Rank	Name	Present Salary			Proposed Salary			Increase or Decrease		
		Rs.			Rs.			Rs.		
	Engineering Establishment									
	Engineering Staff									
1	Executive Engineer	2400	240	2640	2400	240	2640			
1	Asst. Do.	690	69	759	960	96	1056	270	27	297
1	Clerk & Accountant	3237	324	3561	4440	444	4884			
	Servants	906		906	1008		1008			
12	Subordinate									
14	Asst. Asst. Engineers	2295	229	2524	2178	218	2396			
14	Engineering Assistants	2575	257	2832	3520	352	3872			
28	Overseers	7798	779	8577	12160	1216	13376			
14	Mistries & Accountants	4421	442	4863	7280	728	8008			
14	Cash Keepers	6075	607	6682	9520	952	10472			
14	Store Keepers	5940	594	6534	7280	728	8008			
14	Draftsmen	2980	298	3278	3640	364	4004			
	Inspectors masters	1704	170	1874	4032	403	4435			
	Cash Peons	1278	127	1405	3528	352	3880			
	Store Peons	7702	770	8472	8064	806	8870			
	Lascars				16720	1672	18392			
	Other required	14748		14748						
6	Masonry Inspectors				1680	168	1848	1680	168	1848
	Landowners	600	60	660				600	60	660
	Overseers	3000	300	3300				3000	300	3300
	Contingencies							800		800
		96948	9694	106642	109632	10963	120595	12684	1269	13953

I should like full information before the end of the year. J.D.L.

Negapatam
10 November 1873

Executive Engineer

Chief Engineer

Chief Engineer

Executive Engineer

Rec'd 1 Dec.

No. 5282

Sir,

I have the honor to request that the Executive Engineer Vicksburg may be allowed yearly for the Cattle kept by the Officials for the year 1874-75

I am Sir
Your obedient servant
[illegible]

Executive Engineer

Chief Engineer

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Great Southern of India Railway

Capital Account

Estimate of Cash expenditure in India for the year 1874/75

Details	Actuals in 1872/73	Sanctioned Estimate 1873/74	Regular Estimate 1873/74	Budget Estimate 1874/75
Engineering Department	Rs.	Rs	Rs	Rs
Sanctioned works				
Southern Extension. Schedule A	347,574	16,64,657	13,74,944	19,42,285
Works to be sanctioned				
Northern Extension	–	–	–	300000
Locomotive Department				
Sanctioned works. Schedule A.	–	71,323	–	182,325
Establishments & Contingencies Schedule D	207,910	419,020	292,960	409,832
Stores. Schedule E.	94,110	250,000	233.000	287,000
	649,594	2405,000	19,00,904	31,21,442
Receipts to be credited to Capital Account				
Refunds &c	a 25,47,365	110,000	275,000	300,000
Net Cash demand of the year	18,97,771.	22,95,000	16,25,904	28,21,442

Negapatam
10th November 1873

Wm. Scott
Agent

a. Rs 23,61,891. 4. 4 represents value of Permanent way Material sold to the Nizam's Government

P. Kumaraswamy
Asst Examiner Railway Accounts,
Madras.

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Great Southern of India Railway.

Schedule A

Budget Estimate for the Year 1874-75.

No.	Detail	Amount of Estimate			Expenditure during the official year 1872-73.			Estimated Expenditure during the official year 1873-74			Estimated Expenditure for the years 1874-75			Estimated Expenditure in future years	Remarks.
		Cash outlay in India	Value of Stores	Total Expenditure	Indian Expenditure	English Expenditure	Total Expenditure	Indian Expenditure	English Expenditure	Total Expenditure	Indian Expenditure	English Expenditure	Total Expenditure		
	Rolling Stock														
30	Locomotives	30,000	60,000	90,000							21,000	42,000	44,000	18,000	
1	5 tons travelling crane	300	1020	1320							"	"	"	1320	
8	Composite Carriages	10,700	6,001	16,701							6,350	3,002	8,352	8,352	
50	3d Class Carriages	27,200	8,650	35,850							13,600	4,325	17,925	17,925	
12	Pass. Brake vans	11,700	7,905	19,605							5,850	3,954	9,804	9,804	
6	Horse Boxes	4,100	3,106	7,206							1,367	935	2,402	4,804	
2	Carriage Trucks	460	486	946							240	243	483	483	
6	Goods Brake vans	2,160	1,788	3,948							2,160	1,788	3,948	"	
150	Covered Goods Waggons	103,320	47,080	149,700							68,147	31,653	99,800	49,900	
50	Ballast Waggons	9,000	9,100	18,100							9,000	9,100	18,100	"	
9	Timber Trucks	2,520	2,547	5067							2,520	2,547	5,067	"	
1	Gunpowder van	400	1,151	1,551							"	"	"	1,551	
40	Salt trucks	26,100	9,330	35,430							13,075	4,665	17,740	17,740	
100	High sided open Goods	42,350	32,150	74,500							28,233	21,433	49,666	24,834	
100	Cotton trucks	47,000	35,150	82,500							11,763	8,937	20,700	62,100	
	Rupees.	316,350	766,450	1082,800							182,325	512,662	694,987	387,813.	

Sanctioned Government Order No 803 March 21st 1872.

William Betts.
agent.

Schedule D. Great Southern of India Railway Capital and Revenue

Budget Estimate of Establishment & Contingencies for 1874/75

Nos. 73/74	Nos. 74/75	Details	Monthly Salary of Offn	Estimate 1873/74 Per annum	Distribution of Charges Capital	Revenue	Total	Estimate 1874/75 Per annum	Distribution of Charges Capital	Revenue	Total
		Direction	Rs.	Rs.							
1	1	Agent & Traffic Manager	1364	16364				1364	16364		
1	1	Chief Auditor	400	4800				400	4800		
1	1	Consulting Physician	100	1200				150	1800		
3	3	Apothecaries	varies	220	2644	40000	65644	250	3000	42364	40000	82364
80	90	Clerks	varies	3000	36000			3250	39000			
50	60	Peons, Watchmen	varies	320	3840			350	4200			
		Travelling allowance			1000				1200			
	1	Chief Accountant						500	6000			
	1	General Storekeeper						500	6000			
		Traffic Department										
1	1	Assistant Traffic Manager	500	500	6000			650	7800			
7	7	Clerks	varies	165	1980			183	2200			
21	21	Guards		500	6000			500	6000			
2	2	Inspectors	do	85	1020		45700	45700	83	1000		
130	88	Station Clerks	do	1291	15500				1526	18300		
120	155	Porters &c		1167	14000				1141	13700		
		Travelling allowance			1200					1200		
		Maintenance Department										
1	1	Resident Engineer	818	818	9818				818	9818		
1	1	Clerk	150	175	2100				175	2100		
1	1	Draughtsmen	25	30	360				35	420		
8	7	Peons	varies	542	625				54	625		
4	4	Inspectors	do	640	7680				640	7680		
4	3	Inspectors' orderlies	do	80	960				80	960		
8	8	Sawyers	do	542	625		65588	65588	54	625	63974	63974
4	4	Bellow boys	20	20	240				20	240		
4	4	Smith Mazdoors	60	60	720				60	720		
4	4	Carpenters	60	60	720				60	720		
328	390	Platelayers	varies	2523	30516				2350	28200		
92	90	Line watchmen	do	462	5544				450	5400		
61	72	Gatemen	do	219	2634				260	3120		
4	4	Sub Inspectors	140	140	1680				140	1680		
		Travelling allowance	105	80	960				105	1260		
		Office rent	30	30	360				30	360		
						25844	151288	177132			42364	154174	196538

Over

Meeting held at Trichinopoly 20th November 1873.

73/74	74/75	Details	Number of salary officers	Per mensem	Per annum	Distribution of charges Capital	Revenue	Total	Per mensem	Per annum	Distribution of charges Capital	Revenue	Total
				Rs	Rs	258442	151288	177132	Rs	Rs	22364	154174	196538
		Locomotive Department											
1	1	Locomotive & Carriage Superintendent	818	818	9818				818	9818			
-	1	Assistant to do	-	-	-				500	6000			
1	-	Locomotive Foreman Negapatam	300	-	-								
1	1	do Trichinopoly	300	300	3600				300	3600			
-	1	do Madura	-	-	-				350	4200			
-	1	do Tuticorin	-	-	-				300	3600			
1	1	Foreman Smith's shop	331	331	3971				331	3971			
1	1	do Carriage shop	300	300	3600				300	3600			
4	4	Native foremen	varies	175	2050				175	2100			
1	1	Chief Clerk	165	165	1980				165	1980			
16	25	Clerks	varies	446	6352				695	8340			
3	3	Draughtsmen	do	391	468	78361	78361		120	1440	25244	98350	123594
12	19	Peons	do	823	984				117	1404			
21	23	Fitters	do	620	8160				1062	12748			
9	9	Drivers	do	950	11400				1704	20455			
39	43	Firemen	do	1071	12852				1525	18300			
16	25	Cleaners	do	61	732				108	1296			
10	18	Coalmen	do	104	1248				160	1920			
23	30	Watermen	do	127	1524				170	2040			
20	30	Native Subordinates	do	189	2268				275	3300			
4	4	Rolling Stock Inspectors	do	71	852				105	1260			
		Artificers under the Central	776	627	7524					9950			

P.W. 634/78

P.W. 29 Mar. 1878 - 29 Mar. 1879

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Great Southern of India Railway

Revenue Account

Estimate of Revenue for the year 1874-75

Items	Actuals in 1872-73	Sanctioned Estimate 1873-74	Regular Estimate 1873-74	Budget Estimate 1874-75
	Rs	Rs	Rs	Rs
Receipts as per Schedule F				
Coaching Traffic	502,642	450,000	476,500	475,000
Goods Traffic	412,638	490,000	475,250	420,000
Electric Telegraph Earnings	5,586	5,000	6,000	6,000
Sundries	12,303	5,000	25,000	36,000
Total receipts	933,169	950,000	981,750	937,000
Expenditure as per Schedule G				
Maintenance of Way and Works	112,983	125,000	114,000	113,500
Locomotive Expenses	176,652	200,000	233,660	237,100
Carriage [illegible] Expenses	[illegible]	[illegible]	46,460	49,350
Traffic Expenses	65,740	75,000	85,900	93,550
General Charges	51,286	67,500	66,000	50,250
Special & Miscellaneous expenditure	15,982	17,500	15,000	15,000
Total expenditure	463,202	525,000	561,020	588,750
Balance	469,967	425,000	420,730	348,250

Vegapatam
10th November 1873

Williams Betts
Agent

R. Williams
Offg Examiner Railway Accounts,
Madras

Refer to form No. 1st page, the Schedules
to follow in Alphabetical order

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Great Southern of India Railway

Schedule F.

General Estimate of Traffic Receipts for the year 1874/75

	Miles
Number of miles open for traffic on 1st April 1873	168
Expected to be open during 1873/74	–
Total on 1st April 1874	168
Expected to be open during 1874/75	–
Total likely to be open at the end of 1874/75	168
Average number of Miles expected to be open during the whole of 1874/75	168

	Actuals 1872/73	Budget Estimate 1873/74	Regular Estimate 1873/74	Budget Estimate 1874/75
	R	R	R	R
Coaching Traffic	502,642	450,000	476,500	475,000
Goods Traffic	412,538	395,000	495,250	420,000
Electric Telegraph earnings	5,586	5,000	5,000	6,000
Sundries	12,303	5,000	25,000	36,000
Total	933,169	950,000	981,750	937,000

Negapatam
10th November 1873

William S Betts
Agent

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Great Southern of India Railway

Schedule G

General Estimate of Revenue expenditure for 1874/75

Details

Details	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				
Salaries, Office Expenses & General Superintendence				
Engineers' salary	14,786	9,815	9,820	9,820
allowances including travelling expenses	699	960	960	1,000
Subordinate superintendence	6,480	7,680	7,220	7,680
allowance of Do	88	-	-	-
Overtime allowances	-	-	-	-
Office Expenses	4,985	5,500	5,500	5,500
Maintenance and renewals of Permanent Way				
Wages	40,263	43,054	41,000	41,600
Material	36,545	41,738	37,500	65,400
Repairs of Bridges &. Wages and Material				
Bridges and Tunnels	316	1,000	1,000	1,000
Miscellaneous, including earthwork, road fencing &c.	886	3,600	2,000	2,000
Repairs of Stations & Buildings. Wages and Material				
Repairs to buildings of every description including Station yards & signals, & excepting Staff quarters	6836	9,500	7,500	7,500
Repairs to Staff quarters	437	750	750	750
Unclassified expenditure				
Plantation	108	500	-	250
Tools and Plant	329	1000	750	1000
Miscellaneous	180	-	-	-
	112,083	125,000	114,000	143,500
Locomotive Expenses				
General Superintendence				
Salaries of Locomotive Superintendent & Assistant	8,152	8,247	8,100	11,960
Allowances of Do including travelling allowance	248	252	330	500
Subordinate superintendents	19,442	22,730	17,660	21,000
Allowances of Do including travelling allowance	471	96	100	250
Overtime allowance	340	196	650	700
Office expenses	7,336	9,015	8,000	9,000
Running expenses (wages connected with working of Engines)				
Wages of Drivers and Firemen	22,603	39,664	24,250	33,000
Overtime allowance	5541	4,500	6,150	6,200
All labor connected with fuelling, cleaning, and looking after Engines in the yard	2225	3,300	2,650	3,000
Contingent expenses including clothing & travelling expenses	-	50	30	40
Fuel				
Coal and Coke	54,961	42,000	105,140	91,000
Patent fuel	20,218	27,000	350	-
Wood	2,231	2,500	21,420	20,000
Water (including wages and stores)	2,317	2,500	2,070	2,500
Oil, tallow & other stores (expended on engines in work)	4,109	4,000	4,050	4,100
Maintenance & renewals of Engines & Machinery				
Wages	10,392	12,350	10,420	12,000
Overtime allowances	223	300	340	350
Materials	15,308	20,300	21,400	21,000
Unclassified expenditure				
Loss in Stores	-	1000	500	-
Tools and Plant	-	-	-	500
	176,652	200,000	233,660	237,100

Details	Estimate 1872/73	Revised Estimate 1872/73	Estimate 1873/74	Revised Estimate 1874/75
	Rs	Rs	Rs	Rs
Carriage and Wagon Expenses				
General Superintendence				
Salaries of Superintendent and Assistant	1636	1571	1700	2280
Allowances including travelling	52	48	90	120
Subordinate Superintendents	3516	4329	3720	4100
Allowances including travelling	83	16	20	50
Overtime allowances	38	40	100	150
Office expenses	1425	1717	1700	1700
Repairs & renewals of Vehicles and Machinery				
Coaching Vehicles — Wages	2941	3200	2000	3000
Coaching Vehicles — Overtime	10	50	50	50
Coaching Vehicles — Materials	6775	8000	7280	8000
Goods Vehicles — Wages	5953	4400	8000	8000
Goods Vehicles — Overtime	76	100	100	100
Goods Vehicles — Materials	12298	11000	15500	15000
Cleaning Carriages and Wagons and oiling				
Labor including wages of Oilers, carriage cleaners & examiners	2767	2529	2500	2800
Stores including oil, grease & other stores for consumption on running vehicles	2989	2500	3400	3500
Unclassified Expenditure				
Tools and Plant	—	500	500	500
Miscellaneous	—	—	—	—
	40559	40,000	46460	49350
Traffic Expenses				
Salaries Wages &c. General Superintendence				
Assistant Traffic Manager	6000	7800	6000	7800
Office Establishment	1527	2000	1980	2200
Travelling allowance	1124	1200	1200	1200
Contingencies	19	20	20	50
Station Staff				
Station Masters, Clerks, Porters &c	27744	30,000	29,500	32,000
Train Staff				
Guards and Assistant Guards	5713	7800	7020	7000
Fuel, Lighting, Water and General Stores				
Lights, general stores &c for Carriages &c	2417	3580	3080	3500
Wagons, covers, ropes &c	30	100	100	100
Office and station fittings & furniture	569	500	500	600
Clothing				
For guards, porters &c	832	1000	1000	1000
Printing, Stationery and Tickets	3971	4000	4000	4000
Miscellaneous expenses	584	500	500	500
Payments to other lines				
Mileage of foreign stock	2540	3500	18000	20,000
Expenses of joint station (Erode) including rent	12680	13000	13,000	13,500
	65740	75000	85,900	93,550
General Charges				
Home expenditure				
Directors and Secretary	9435	12,000	12,000	7000
Auditors and Accountants	755	4500	4000	2,000
Consulting Engineer, & Inspecting Officers fees, and travelling	2245	4000	4,000	2000
Office expenses	2108	3500	3,000	1500
Salaries of Indian management including Officers				
Agents Office, including Audit, Accounts &c	21,972	26,000	26,000	22,000
Stores Department	4690	6000	5500	4000
Medical &c	1589	2000	2,000	1500
Rents of buildings and lands	384	100	100	100
Contingencies including furniture	812	750	750	1000
Stationery	755	1000	1000	1000
Medicines	87	150	150	150
Advertising	284	150	150	150
Electric Telegraph				
Signallers	5024	5500	5500	6000
Office expenses, contingencies &c	725	1350	1350	1350
Maintenance — Stores and Labor	143	300	300	300
Unclassified expenditure	408	200	200	200
Special and Miscellaneous expenditure				
Law charges	82	250	250	250
Compensation for goods, lost or damaged	110	250	250	250
Rates and Taxes	5790	7000	4500	4500
Contribution to Fire Insurance Fund	10,000	10,000	10,000	10,000
	67,268	85,000	81,000	65250

Negapatam
10th November 1873

Agent

No 3080

Proceedings thereon — Madras Government
Read the following.

From the Consulting Railways — (H.S. No 646 of 2nd Septr 1873)

This letter forwards Cover to the Regular Estimate of the Great Southern of India Railway for the current year and the Budget Estimate for 1874/75.

The following is an abstract of the estimated Expenditure on Capital Account.

I should like full information before passing

	Sanctioned Estimate for 1873/74	Regular Estimate for 1873/74	Budget Estimate for 1874/75
Engineering Dept.	16,64,657	13,74,944	22,42,285
Locomotive Dept.	71,323	"	1,82,325
Establishment and Contingencies	4,19,020	2,92,960	4,09,832
Stores	2,50,000	2,33,000	2,87,000
	24,05,000	19,00,904	31,21,442
Refunds	1,10,000	2,75,000	3,00,000
Net cash Demand	22,95,000	16,25,904	28,21,442

These estimates will be allowed to stand, as well as the estimate of Revenue which is as follows:-

	Sanctioned Estimate for 1873/74	Regular Estimate for 1873/74	Budget Estimate for 1873/74
Receipts	9,50,000	9,81,750	9,37,000
Expenditure	5,25,000	5,61,020	5,88,750
Balance	4,25,000	4,20,730	3,48,250

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Adverting to the statements contained in the Agent's letter No 5282 dated 29th November 1873 in regard to the probable date of opening of the Southern Extension, His Excellency the Governor in Council is surprised to learn that no portion of the line is expected to be ready for traffic before the latter part of the official 1874/75, and that even then there is little possibility of efficiently equipping it till after April 1875 owing to delay in England in procuring iron work for carriages.

Considering that the estimates for the Extension provided for the completion of works of Construction within 2½ Years from the date of sanction†, and that the Govt: of India anticipated* that the greater part of the Railway would be finished much before the end of that period, His Excellency the Governor General in Council will no doubt receive with much regret the information now given that three years is the earliest period at which any portion of the line

† 21st March/72, G. C. No 803.

* para 14 of letter recorded in G. C. No 803.

G. C. No 898 of 22nd March/73

G. C. No 1518 of 7th June/73

may be expected to be ready and that if opened even at the end of that time the traffic must be inefficiently served.

An enquiry on the subject made by the Govt of India in para 4 of their letter No 323 G.R. dated 27th February 1873, and which should have led to special investigation of the actual state of affairs, was but imperfectly treated of in the Consg Engineer's reply dated 14th May/73, No 269, and the opportunity for remedial action was thus to a certain extent postponed.

His Excellency in Council trusts that no efforts on the part of the Indian Agency will be spared to expedite the future progress of works and if possible to retrieve the tardy action of the past.

Orders on the plans and Estimates for the Northern Extension between Jaypore and the Coleroon River will shortly be issued.

Docket No. 3081 of

Copy of the above forwarded

To the Govt of India. 57
Genl.

Signed Copy dated 2/1/74

34 Sheets copies dispd 6/1/74

To the Engineer, Ryotwar
Examiner of Accts
Accts Genl
Signed Orders dispd 2/1/74

Sheets copies dispd 6/1/74.

Desp. 6/1/74.

C/26547

Govt. of {1873} Madras.

PUBLIC WORKS.

2. The Secretary Engrs for Railways.

To The Secretary to the Govt of India

Dated

Recd. Encl. 0

G. O. 29 Dec 1873. No. 3080-

3081.

Nos. 498 to 529 of 1873

Engrs' Estimate. Parkes

Submitting an Estimate for the Construction of a Road from Kalingapatam to Ichapuram

Forwarding copy of Govt. order thereon