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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	250-51	(Ry)	Press
B.P. No.			Mis.
Dated	29-1-		1876

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
29th January, 1876.*

No 533. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R E, Consulting Engineer for Railways, to Major-General G. W. WALKER, R E, Secretary to Government, Public Works Department, dated Madras, 26th January 1876, No 50 —

ADVERTING to the Proceedings of Government as per margin, I have the honor to submit herewith the Regular Estimate for 1875-76, and the Budget Estimate for 1876-77, of the South Indian Railway, together with a Note on the same

G O, No 3,642, dated 30th December 1875.
Memorandum, No 658/3, dated 8th Jan 1876
G O, No 183, dated 19th January 1876.

2. The delay in the submission of these Estimates is due to press of work on the Engineering Department in completing the line between Madura and Tuticorin, and to the increased work generally thrown on all departments by the Royal visit. As explained in the Note, a Meeting was held at Trichinopoly on the 13th instant for the discussion of the Estimates, since which considerable alterations have been made in them by the Railway Authorities. The further revisions recommended by this Office are detailed in the Note.

3 Duplicate copies of the several Statements are sent in accordance with the instructions conveyed in the last of the orders quoted.

As the Statements received from the Agent have not been drawn up according to form, it is requested that proofs of them may be sent to this Office for correction before they are finally struck off by the Press.

No 534

ORDER THEREON, 29th January 1876, No 250.

RAILWAY, No 49-A.

With the letter recorded above the Consulting Engineer forwards the Regular Estimate of the South Indian Railway for the current year and the Budget Estimate for 1876-77. The time fixed for their submission to the Government of India has been greatly exceeded, the delay being attributed to exceptional causes which are not likely to arise again. It is accordingly hoped that in future strict punctuality will be maintained.

Capital Transactions

2 The Regular Estimate falls short of the figures finally passed as the Budget Estimate of the current year, both under Receipts and Expenditure. The Consulting Engineer explains in his Note how these results have been arrived at. The following statement compares the figures of the Budget Estimate for 1876-77 with those of the Regular and Budget Estimates of the current year —

	Sanctioned Budget, 1875-76	Regular Estimate, 1875-76	Budget Estimate, 1876-77
	RS	RS	RS
Engineering sanctioned works	17,89,517	17,60,000	15,70,000
Do unsanctioned ..	5,36,935	20,000	2,20,000
Locomotive sanctioned ..	1,55,421	70,000	69,703
Do unsanctioned ..	5,68,127	5,50,000	13,347
Establishments	5,50,000	6,50,000	5,50,000
Stores			6,00,000
	36,00,000	30,50,000	30,23,050
Receipts	4,30,000	2,70,000	4,23,050
Net cash demands	31,70,000	27,80,000	26,00,000

*Proceedings of the Madras Government, Public Works Department,
29th January 1876*

3 These figures have been adopted after personal discussion at a Meeting held for the purpose, and, as they appear to be well considered, they are accepted

4 In their Review of the Estimates for the previous year the Government of India desired that reductions of expenditure which may be considered necessary after the Budgets had been prepared should be shown against specific works in the Schedules of the Administrative Budget. The Consulting Engineer, however, explains that this has not been found practicable in all cases. His remarks on this head will be remitted for the consideration of the Government of India.

5 It is observed that the Estimates for the Northern Extension are likely to prove insufficient, some increase of waterway being found to be necessary, as well as greater depths of foundations of bridges. Additional outlay on rolling stock and stations is also stated to be required. Revised Estimates embracing these excesses will be awaited.

Revenue Transactions

6 The Regular Estimate of Receipts is much below the amount budgetted for, the expenditure also being less. The forecasts have been disarranged by the late date at which sections of the line were opened for traffic. During the ensuing year it is assumed that the average mileage worked will be 460, of which the mileage of the new lines will be 274. Proceeding on this basis, and taking Rupees 60 as the average receipts per mile per week on the extensions, the total receipts will amount to Rupees 18,15,000.

7 The following statement shows the Regular and Budget Estimates of Receipts and Expenditure recommended for adoption as compared with the Budget Estimate of the current year —

	Sanctioned Budget, 1875-76	Regular Estimate, 1876-76	Budget Estimate, 1876-77
	RS	RS	RS
Maintenance	1,08,600	89,300	1,21,000
Locomotive	3,81,600	2,49,247	3,81,400
Carriage and Wagon	52,300	29,100	47,500
Traffic	1,58,100	1,21,100	2,00,000
General charges	1,33,400	69,900	94,100
Special and Miscellaneous	16,000	3,600	6,000
	8,50,000	5,65,247	8,50,000
Receipts	17,00,000	11,84,000	18,15,000
Profits	8,50,000	6,18,760	9,65,000

8 The Budgets will be despatched to the Government of India in manuscript in the first instance to avoid delay in printing. After being put into type the proofs will be forwarded to the Consulting Engineer for correction.

(True Extract)

(Signed) G W WALKER, Major-General, R E,
Secretary to Government

*Proceedings of the Madras Government, Public Works Department,
29th January 1876.*

No. 535

(DOCKET No 251, dated 29th January 1876)

COPY of the above forwarded to the Government of India

(True Extract)

(Signed) G W WALKER, Major-General, R E,
Secretary to Government.

Exd S T Austin
Spare Copies

RAILWAY DEPARTMENT

CONSULTING ENGINEER'S OFFICE.

No

50

From

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

Consulting Engineer for Railways,

To

MAJOR-GENERAL G. W. WALKER, R.E.,

Secretary to Government,

Public Works Department,

Fort Saint George.

SIR,

Referring to the Proceedings of Government as per margin I have the honour to submit herewith the Regular estimate for 1875-76, and the Budget estimate for 1876-77, of the South Indian Railway, together with a note on the same.

The delay in the submission of these estimates is due to press of work in the Engineering Department in completing the line between Madurai and Tuticorin and to the increased work generally thrown on all Departments by the Royal visit. As

explained in the note a meeting was held at Trichinopoly on the 13th instant for the discussion of the estimates since which considerable alterations have been made in them by the Railway authorities. The further revisions recommended by this office are detailed in the Note.

3. Duplicate copies of the several statements are sent in accordance with the instructions conveyed in the last of the orders quoted.

4. As the statements received from the Agent have not been drawn up according to form it is requested that proofs of them may be sent to this office for correction before they are finally struck off by the Press.

I have the honour to be,
Sir

Your most obedient servant

W. L. L. L.

20. 1862

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REGULAR AND BUDGET ESTIMATES

FOR

1875-76 AND 1876-77

FOR

SOUTH INDIAN RAILWAY.

P. W. 1876

RAILWAY DEPARTMENT.

From

The Consulting Engineer
for Railways,

To

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

Dated

28th January 1876.

No 50.

2.

Subscribed to

Regular estimates
for 1875-76 and the
Budget estimate
for 1876-77 of the
P. W. D. with a note
on the same.

SOUTH INDIAN RAILWAY

CAPITAL ACCOUNT

Estimate of Cash Expenditure in India for the year 1876-77

Details	Actuals in 1874 75	Sanctioned Estimate, 1875-76	Regular Estimate, 1875 76	Budget Estimate, 1876 77
<i>Engineering Department</i>	RS	RS	RS	RS
Sanctioned Works, Schedule A	9,63,248	17,89,517	19,30,000	17,00,000
Works to be sanctioned, Schedule B		5,36,935	1,11,521	5,14,735
<i>Locomotive Department</i>				
Sanctioned Works, Schedule A	32,112	1,55,421	70,000	69,703
Works to be sanctioned—Rolling Stock, Chingleput, Conjeveram Section			...	13,347
Establishment and Contingencies, Schedule D	4,68,533	5,68,127	5,49,328	5,82,415
Stores, Schedule E	6,43,213	5,50,000	7,00,000	6,50,000
Total	21,07,106	36,00,000	33,60,849	35,30,200
Receipts to be credited to Capital Refunds, &c	3,93,310	4,30,000	2,70,000	4,25,200
Net Cash demand of the year	17,13,796	31,70,000	30,90,849	31,05,000

REVENUE ACCOUNT

Estimate of Revenue for the year 1876-77.

Details	Actuals in 1874 75	Sanctioned Estimate, 1875 76	Regular Estimate, 1875 76	Budget Estimate, 1876 77
<i>Receipts as per Schedule F</i>	RS	RS	RS	RS
Coaching Traffic	5,24,431	9,70,000	6,50,000	10,00,000
Goods do	4,08,321	7,00,000	5,35,000	9,00,000
Electric Telegraph Earnings	6,099	10,000	12,000	12,000
Sundries	20,308	20,000	13,000	18,000
Total	9,59,159	17,00,000	12,10,000	19,30,000
<i>Expenditure as per Schedule G</i>				
Maintenance of Way, Works, and Stations	1,07,513	1,08,600	89,300	1,21,100
Locomotive Expenses	2,47,865	3,81,600	2,49,240	4,28,000
Carriage and Wagon Expenses	50,017	52,300	29,100	47,500
Traffic Expenses	86,422	1,58,100	1,24,100	2,29,500
General Charges	55,928	1,33,400	69,900	1,04,100
Special and Miscellaneous Expenditure	7,702	16,000	3,600	6,000
Total	5,55,447	8,50,000	5,65,240	9,36,200
Balance	4,04,712	8,50,000	6,44,760	9,93,800

NFGAPATAM,
19th January 1876(Signed) W S BETTS,
Agent.

(True Copy)

(Signed) W H COAKER, Captain, R E,
for Consulting Engineer for Railways

on the balance.

[Handwritten signature]

Budget Estimate for the year 1876-77

1978 G.O. No. 1876 of 13th July 1974

Consig. Engr's No 380 of 24th September 1873
Consig. Engr's No 93, of 27th March

• Consulting Engineers	No 93 of 27th March 1873	G O, No 1876, of 13th July 1874
† Do	380 of 5th Sep 1878	
† Do	do " 199 of 25th " 1874	
† Do	do	

Budget Estimate for the year 1876-77 — (Continued)

No	Details	AMOUNT OF ESTIMATE.			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1875-76			ESTIMATED EXPENDITURE DURING THE YEAR 1875-76			ESTIMATED EXPENDITURE FOR THE YEAR 1876-77			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 BRIDGE-WORK														
(1) MINOR BRIDGES AND CULVERTS														
Northern Extension														
	District No 1	10,438	1,101	11,539	5,025	318	5,343	11,502	714	12,216	..	..	..	..
	" 2	16,887	1,292	18,179	..	..	..	15,727	2,565	18,292	596	..	596	4,000
	" 3	23,857	2,518	26,375	14,183	..	..	..	..	..	..	..	..	..
	" 4	34,306	2,565	36,871	6,753	..	..	15,619	3,792	19,411	7,520	..	7,520	11,000
	" 5	22,866	2,360	25,226	..	..	..	10,565	3,246	13,811	16,174	..	16,174	19,000
	" 6	10,927	3,792	14,719	..	..	..	11,806	7,016	18,822	18,369	..	18,369	22,000
	" 7	17,893	1,883	19,776	4,937	1	4,938	21,527	5,144	26,671	15,931	..	15,931	20,000
	" 8	19,551	3,246	22,797	..	..	..	22,313	3,111	25,424	4,252	..	4,252	8,417
	" 9	26,840	7,017	33,857	..	..	..	29,325	10,588	39,913	14,000	..	14,000	25,000
	" 10	23,840	2,518	26,358	12,002	730	12,732	6,709	2,189	8,898	6,065	..	6,065	7,416
	" 11	25,916	5,444	31,360	109	..	109	6,215	2,801	9,016	12,593	..	12,593	24,197
	" 12	38,317	5,411	43,728	..	..	..	5,000	2,621	7,621	12,991	..	12,991	21,035
	" 13	20,875	2,203	23,078	..	..	..	2,500	1,102	3,602	6,006	..	6,006	8,466
	" 14	74,853	10,555	85,408	..	..	..	3,112	3,022	6,134	12,781	..	12,781	11,000
	" 15	17,801	1,883	19,684	..	..	..	2,750	3,022	5,772	13,060	..	13,060	31,000
		32,909	2,019	34,928	..	..	..	7,901	3,022	10,923	10,992	..	10,992	30,000
		3,33,827	21,089	3,54,916	..	..	..	..	..	..	..	..	..	..

" 16		5,24,687	41,229	5,65,916	..	..	..	19,085	2,790	21,875	13,925	..	13,925	12,000
" 17		7,46,695	63,394	8,10,088	..	..	..	15,079	2,557	17,636	13,291	..	13,291	13,000
Total per Original Estimate					122									
Total including Revised Estimate					122									
Southern Extension														
District No 1		41,590	4,137	45,727	32,292	3,978	36,270	3,012	159	3,171	6,286	..	6,286	..
" 2		37,871	3,064	40,935	24,828	2,031	26,859	6,000	1,033	7,033	7,043	..	7,043	..
" 3		42,403	7,832	50,235	27,114	4,321	31,435	7,605	3,511	11,116	7,684	..	7,684	..
" 4		45,646	1,586	47,232	31,827	418	32,245	7,819	1,168	8,987	6,000	..	6,000	..
" 5		63,684	17,267	80,951	41,863	9,363	51,226	5,930	7,904	13,834	15,891	..	15,891	..
" 6		38,778	8,066	46,844	26,366	6,597	32,963	6,412	1,469	7,881	6,000	..	6,000	..
" 7		49,688	5,172	54,860	26,759	4,484	17,881	12,929	688	13,617	10,000	..	10,000	..
" 8		25,026	5,987	31,013	17,881	99	18,918	4,145	5,987	10,132	3,000	..	3,000	..
" 9		29,381	9,160	38,541	18,819	283	22,007	5,562	9,061	14,623	5,000	..	5,000	..
" 10		28,154	6,066	34,220	21,774	233	22,007	4,380	5,833	10,213	2,000	..	2,000	..
" 11		30,004	4,363	34,367	19,988	13	20,001	5,016	4,350	9,366	5,000	..	5,000	..
" 12		28,411	8,610	37,021	16,961	134	17,095	6,450	8,476	14,926	5,000	..	5,000	..
" 13		41,208	8,474	49,682	38,870	7,641	46,514	2,338	830	3,168	15,526	..	15,526	..
" 14		63,846	14,669	78,515	33,478	11,833	45,311	14,842	2,836	17,678	94,430	..	94,430	..
Total		5,65,690	1,04,453	6,70,143	3,78,820	51,148	4,29,968	92,440	53,305	1,45,745	..	..	..	..
Total per Original Estimate														
Total Minor Bridges, &c, per Revised Estimate														
(2) LARGE BRIDGES														
Coom bridge		9,785	6,850	16,635	..	..	..	..	..	..	..	..	..	..
District No 1 at 2 76		23,375	8,942	32,317	7,389	2,067	9,456	15,986	6,875	22,861	2,73,489	..	2,73,489	2,93,470
Adyar		19,353	11,000	30,353	9,692	8	9,700	5,315	19,111	24,426	..	..	..	..
" 1 at 6 50		15,007	19,119	34,126	..	..	..	..	..	..	..	..	..	..
" 2 at 22 0		4,846	2,180	7,026	..	..	..	..	..	..	..	..	..	..
" 3 at 23 47		10,518	3,193	13,711	2,932	..	2,932	7,586	3,193	10,779	..	..	..	..
"		2,490	2,384	4,874	..	..	..	2,728	2,555	5,283	..	..	..	..
"		3,135	2,555	5,690	..	..	..	..	..	..	..	..	..	..

Budget Estimate for the year 1876-77 --(Continued)

Budget Estimate for the year 1876-77 — (Continued)														
No	Details	AMOUNT OF ESTIMATE			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1874-75			ESTIMATED EXPENDITURE DURING THE YEAR 1875-76.			ESTIMATED EXPENDITURE FOR THE YEAR 1876-77			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) LARCH BRIDGES — (Continued) & CH														
	District No 3 at 33 73	4,901	2,180	7,081	1,611	2	1,613	4,106	3,833	7,939	1,875	.	1,875	...
	Palar	7,621	3,833	11,457										...
	District No 4 at 42 65	1,46,725	1,84,322	3,31,047	3,689	1,254	4,943	23,479	1,14,591	1,38,070	47,815	1,08,451	1,56,299	89,982
	Thundalum	1,61,995	2,24,299	3,89,294										...
	District No 4 at 44 69	6,481	3,000	9,481	.									...
	" 4 at 42 8	13,791	7,151	20,945	.			6,702	7,154	13,856	4,079	.	4,079	3,000
	Sanum	11,275	3,178	14,453	151		151	7,508	2,555	10,063	3,323	.	3,323	...
	District No 1 at 45 30	4,962	2,180	7,142	.									...
	Carungali	10,613	2,555	13,168	.			2,750	2,555	5,305	1,863	.	1,863	3,000
	District No 4 at 49 12	19,182	13,016	32,198	.			...	...	...	...	...	...	...
	Advaluni	27,293	19,672	46,965	3,061		3,061	4,023	9,836	13,859	10,209	9,836	20,045	10,000
	District No 3 at 63 58	5,962	2,555	8,517	.			4,962	2,555	7,517	1,000	...	1,000	...
	Alyalam Sream				...			.	.	.	.	...	.	.
	District No 5 at 61 45	5,060	2,633	7,693	...			3,574	2,683	6,257	1,486	...	1,486	...
	Chendur				...			.	.	.	.	...	.	.
	District No 6 at 76 13	10,792	2,555	13,347	1,545		1,545	3,893	2,555	6,448	3,351	...	3,351	2,000
	District No 6 at 81 29	7,161	3,730	10,891	.							...		...
	Gingee	23,466	5,109	28,575	235		235	4,000	3,272	7,272	10,231	...	10,231	9,000
	District No 6 at 85 70	14,298	8,400	22,698	1,837		1,837					...	...	...
	Vakavandi	15,530	11,496	27,026	.							...	...	...
	District No. 7 at 92 14	8,582	4,660	13,242	1,332		1,332	10,910	11,496	22,406	2,283	...	2,283	1,000
	Ponbay	23,219	6,387	29,606	.			4,403	3,735	8,138	7,927	...	7,927	6,000
	District No 7 at 97 3	6,540	2,800	9,340	2,652		2,652					...		...
	Pellar	7,875	3,833	11,708	.							...		...
	District No 8 at 103 41	7,997	5,140	13,137	3,180		3,180	4,695	3,833	8,528	4,720	...	4,720	12,000
	Panar	18,720	5,366	24,086	...			2,000	5,366	7,366		...		...
	District No 8 at 105 2	89,300	1,15,300	2,04,600	275		275	6,819	38,839	45,658	18,049	1,16,520	1,34,569	1,08,682
	District No	1,33,815	1,55,359	2,89,174	.							...		...

"	"	8 at 106 13	5,069	2,250	7,319	.	.	.	.	3,396	2,683	6,079	2,040	..	2,040	.	.
Guddalum			5,436	2,683	8,119	.	.	.	...	15,000	34,265	49,265	10,213	57,122	67,335	64,909	..
District No 9 at 124 3			44,720	56,180	1,00,900	497	4	.	...	2,500	5,582	8,082	5,111		5,111	9,500	
Cuddalore Backwater			90,623	91,387	1,82,010			.	...	2,000	6,168	8,168	4,864	6,169	11,033	9,750	
District No 9 at 127 38			7,470	9,530	17,000	402	38	.	...	5,000	12,168	17,168	8,546	36,503	45,049	43,848	
Paravandar			17,513	5,620	23,133			.	...	2,387	1,512	3,899	3,667	..	3,667	300	
District No 10 at 139 28			...					.	...	2,821	6,168	8,989	4,293	6,169	10,462	9,500	
Vellar								.	...	12,480	41,025	53,505	20,144	1,23,076	1,43,220	1,48,712	
District No 11 at 146 20								.	...	2,000	1,414	3,414	3,337	4,241	7,581	3,500	
Oopandar								.	...	2,000	1,998	3,998	2,788	.	2,788	500	
District No 12 at 152 46								.	...	2,018	1,061	3,079	2,160	3,183	5,313	1,500	
Porto-Novo Canal								.	...	2,160	1,061	3,221	2,998	3,183	6,181	480	
District No 12 at 154 2								.	...	4,963	2,829	7,792	2,053	2,829	4,882	1,000	
Coleroon								.	...	4,595	2,122	6,717	1,865	2,122	3,987	646	
District No 12 at 155 35								.	...	2,275	2,122	4,397	5,656	6,366	12,022	5,500	
Old Coleroon								.	...	2,540	4,201	6,741	5,953	12,603	18,556	7,000	
District No 12 at 154 4								.	...	7,886	5,039	12,925	4,303	15,120	19,423	5,000	
Papanaday								.	...	7,632	7,072	14,704	1,367	..	1,367	..	
District No 14 at 169 18								.	...	...	...	...	...	...	...	...	
Muthapen Cauvery								.	...	...	...	...	...	...	...	...	
District No 14 at 174 4			3,75,739	3,17,527	6,93,266	39	.	.	...	2,018	1,061	3,079	2,160	3,183	5,313	1,500	
Arasalar								.	...	2,160	1,061	3,221	2,998	3,183	6,181	480	
District No 15 at 185 67								.	...	4,963	2,829	7,792	2,053	2,829	4,882	1,000	
Veera Sholamar								.	...	4,595	2,122	6,717	1,865	2,122	3,987	646	
District No 15 at 194 49								.	...	2,275	2,122	4,397	5,656	6,366	12,022	5,500	
Codamurutha								.	...	2,540	4,201	6,741	5,953	12,603	18,556	7,000	
District No 16 at 200 74								.	...	7,886	5,039	12,925	4,303	15,120	19,423	5,000	
Terumalarajanar								.	...	7,632	7,072	14,704	1,367	..	1,367	..	
District No 16 at 201 19								.	...	...	...	...	...	...	...	...	
Vettar								.	...	...	...	...	...	...	...	...	
District No. 17 at 211 36								.	...	...	...	...	...	...	...	...	
Vennar								.	...	...	...	...	...	...	...	...	
District No. 17 at 214 29								.	...	...	...	...	...	...	...	...	
Vadavar								.	...	...	...	...	...	...	...	...	
District No 17 at 215 31								.	...	...	...	...	...	...	...	...	
Total per Original Estimate...			7,95,924	7,55,807	15,51,731			.	...	2,09,092	3,85,082	5,94,174	2,12,607	5,13,499	7,26,106	5,56,209	
Total including Revised Estimate			10,21,073	9,06,437	19,27,510	43,159	7,862	51,021	...	...	...	...	...	...	...	...	

1876-77 — (Continued)

[illegible][illegible]

Details	AMOUNT OF ESTIMATE.			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1874-75			ESTIMATED EXPENDITURE DURING THE YEAR 1875-76			ESTIMATED EXPENDITURE FOR THE YEAR 1876-77			Estimated Expenditure in future years	
	Cash Outlay in India	Value of English Stores	Total Expenditure	RS	Indian Expenditure.	English Expenditure	Total Expenditure	RS	Indian Expenditure	English Expenditure.	Total Expenditure			
Southern Extension														
District No. 1	11,766		11,766	RS	4,723	1,463	6,191	RS	5,575	...	5,575	RS		RS
" 2	9,845		9,845		207	1,195	1,402		6,443		6,443		2,000	
" 3	9,376		9,576		205	190	485		6,281	810	7,091			
" 4	8,030		8,030		532		532		6,498	1,000	7,498			
" 5	10,489		10,489		1,432		1,432		6,037	2,000	8,037			
" 6	11,443		11,443		4,506	213	4,719		4,937	1,787	6,724		1,000	
" 7	13,974		13,974		2,546	2,126	4,672		7,302		7,302		2,000	
" 8	7,922		7,922		185		185		6,737	1,000	7,737			
" 9	8,604		8,604		932		932		6,653	1,000	7,652			
" 10	7,521		7,521		711		711		5,810	1,000	6,810			
" 11	12,160		12,160		3,963	3	3,968		6,192	2,000	8,192			
" 12	9,421		9,421		818		818		6,103	1,000	7,103			
" 13	18,480		18,480		1,564		1,564		12,916	2,000	14,916		1,500	
" 14	8,223		8,223		1,637		1,637		5,586	1,000	6,586		2,000	
Total	1,47,454		1,47,454		24,093	5,193	29,288		93,069	14,597	1,07,666		10,500	
Total per Original Estimate	2,48,321	3,366	2,51,687											
Total including Revised Estimate	3,38,099	3,635	3,41,734		26,605	5,195	31,800		1,44,422	18,087	1,62,509		84,415	2,286
5 FENCING														
Northern Extension														
District Nos 1 to 9.	16,800	67,170	83,970		9,240	1,493	10,733		22,000	1,314	23,314		22,503	35,400
" 10 to 17	91,650	13,682	1,04,543		1,023		1,023		6,685	6,841	13,526		15,156	6,841
"	90,861												22,203	21,997
"													84,415	60,724

Total per Original Estimate	1,07,661	80,852	1,88,513	.	.	28,685	8,155	36,840	37,359	6,841	44,200	1,03,397
Total including Revised Estimate	1,82,511	13,682	1,96,193	10,263	1,493	11,756	8,155	36,840	37,359	6,841	44,200	1,03,397
<i>Southern Extension</i>	1,40,000		1,40,000	56,552	4,481	61,033		10,000	34,967		34,967	34,000
Total per Original Estimate	2,47,661	80,852	3,28,513		..	..	.	.	.	...	..	.
Total including Revised Estimate	3,22,511	13,682	3,36,193	66,815	5,974	72,789	8,155	46,840	72,326	6,841	79,167	1,37,397
CONSTRUCTION OF LINE												
Total per Original Estimate ..	42,92,101	13,77,991	56,70,092		..		.	...	.			...
Total including Revised Estimate	49,17,513	14,83,884	64,01,397	16,06,954	1,64,313	17,71,267	11,13,294	8,32,152	9,37,316	5,22,626	14,59,942	12,25,354
BALLAST AND PERMANENT-WAY												
(1) BALLASTING	{ 8,462		8,462		..	..	7,000	.	7,350	..	7,350	17,000
<i>Northern Extension</i>	{ 31,350		31,350		..	5,840	10,726	.	2,138	.	2,138	5,000
District No 1	{ 19,343		19,343	5,840	..	..	5,000	.	3,201	..	3,201	12,000
"	{ 23,704		23,704		..	17	3,300	.	4,213	.	4,213	5,000
"	{ 18,134		18,134		..	817	3,250	.	3,774	.	3,774	13,000
"	{ 20,201		20,201		..	65	5,500	..	3,385	.	3,385	13,000
"	{ 14,507		14,507		..		3,000	.	5,941	..	5,941	9,313
"	{ 12,530		12,530		..		3,000	.	4,001	..	4,001	8,667
"	{ 21,760		21,760		..		4,000	..	4,764	.	4,764	8,088
"	{ 20,841		20,841		..							
"	{ 21,760		21,760		..							
"	{ 21,950		21,950		..							
"	{ 19,342		19,342		..							
"	{ 18,254		18,254		..							
"	{ 16,925		16,925		..							
"	{ 15,668		15,668		..							
"	{ 14,507		14,507		..							
"	{ 17,213		17,213		..							

Budget Estimate for the year 1876-77 — (Continued)

Manager's Estimate for the year 1876-77 — (Continued)

No	Details	AMOUNT OF ESTIMATE			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1874-75				ESTIMATED EXPENDITURE DURING THE YEAR 1875-76				ESTIMATED EXPENDITURE FOR THE YEAR 1876-77				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				
Southern Extension																	
District No	1	21,219	2,59,309	2,80,528	10,751	2,54,733	2,65,484	7,468	4,576	12,044	3,000	3,000	3,000	3,000	3,000	3,000	3,000
"	2	27,283	2,32,611	2,59,894	13,679	2,31,459	2,45,138	9,604	1,152	10,756	4,000	4,000	4,000	4,000	4,000	4,000	4,000
"	3	35,971	2,37,257	2,73,228	18,921	2,42,637	2,61,558	9,346		9,346	2,324	2,324	2,324	2,324	2,324	2,324	2,324
"	4	42,717	2,35,756	2,78,473	22,382	2,18,660	2,41,042	10,335	17,096	27,431	10,000	10,000	10,000	10,000	10,000	10,000	10,000
"	5	51,052	2,30,393	2,81,445	13,171	17,285	30,456	12,881	2,13,108	2,25,989	25,000	25,000	25,000	25,000	25,000	25,000	25,000
"	6	57,696	2,26,311	2,84,007	12,256	141	12,397	10,410	2,26,170	2,36,610	35,000	35,000	35,000	35,000	35,000	35,000	35,000
"	7	58,536	2,26,986	2,85,522	29,244	1,72,514	2,01,758	9,292	54,442	63,734	20,000	20,000	20,000	20,000	20,000	20,000	20,000
"	8	54,137	2,25,755	2,79,892	13		13	9,124	2,25,755	2,34,879	45,000	45,000	45,000	45,000	45,000	45,000	45,000
"	9	46,370	2,27,619	2,73,989	15		15	11,355	2,27,619	2,38,974	35,000	35,000	35,000	35,000	35,000	35,000	35,000
"	10	38,603	2,23,900	2,62,503	5,783	54,215	59,998	12,820	1,69,685	1,82,505	20,000	20,000	20,000	20,000	20,000	20,000	20,000
"	11	33,794	2,48,937	2,82,731				18,791	2,48,937	2,62,731	20,000	20,000	20,000	20,000	20,000	20,000	20,000
"	12	27,192	2,73,906	3,01,098	2,912	97,947	1,00,859	9,350	1,75,959	1,85,299	15,000	15,000	15,000	15,000	15,000	15,000	15,000
"	13	17,311	2,73,206	2,90,517	8,957	3,15,990	3,24,947										
"	14	26,810	2,55,914	2,82,724	2,614	1,48,518	1,51,132	9,226	1,07,426	1,16,652	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Total		5,38,711	33,77,890	39,16,631	1,10,728	17,54,129	18,94,857	1,34,935	16,71,925	18,06,860	2,49,324	2,49,324	2,49,324	2,49,324	2,49,324	2,49,324	2,49,324
Total per Original Estimate		10,48,035	65,91,758	76,42,843													
Total including Revised Estimate		10,45,892	73,15,364	83,61,256	1,55,311	23,59,810	25,15,121	2,14,565	31,03,037	33,17,602	3,61,047	3,61,047	3,61,047	3,61,047	3,61,047	3,61,047	3,61,047
Total Ballast and Permanent-way		15,71,750	65,94,750	81,66,508													
Total Ballast and Permanent-way		15,06,528	73,15,364	88,11,892	2,13,331	23,59,829	25,73,160	4,62,680	31,03,037	35,65,717	4,42,825	4,42,825	4,42,825	4,42,825	4,42,825	4,42,825	4,42,825
STATIONS AND BUILDINGS																	
Northern Extension																	
District	1 to 9	6,77,575	1,80,745	8,58,320													
"	10 to 17	7,70,318	2,68,545	10,38,863	31,784	34	31,818	20,000	26,850	46,850	28,083	28,083	28,083	28,083	28,083	28,083	28,083
Total		2,83,217	27,997	3,11,214	276	13	289	10,000	7,000	17,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000

Total per Original Estimate .	9,60,792	2,08,742	11,69,534														
Total including Revised Estimate .	10,53,535	2,96,542	13,50,077	32,060	47	32,107	30,000	33,850	63,850	38,083	2,62,645	3,00,728	9,53,392				
Southern Extension . .	7,50,436	1,50,204	9,00,640	2,01,387	33,818	2,35,205	2,00,000	1,04,748	3,04,748	52,904	11,638	64,542	2,96,145				
Total Stations and Buildings per Original Estimate	17,11,228	3,58,946	20,70,174														
Total Stations and Buildings including Revised Estimate	18,03,971	4,46,746	22,50,717	2,33,447	33,865	2,67,312	2,30,000	1,38,598	3,68,598	90,987	2,74,283	3,65,270	12,49,537				
VI TELEGRAPH TEMPORARY																	
Northern Extension	10,957	1,482	12,439	3,189	15,371	18,560											
Southern do	12,000		12,000	9,421	22,623	32,044											
Total	22,957	1,482	24,439	12,610	37,994	50,604											
VII PLANT																	
1 Engineer-ing	25,060	1,69,638	1,94,698	17,822	1,12,140	1,29,962	28,000	43,474	71,474	12,809	40,534	53,343	1,56,191				
2 Locomotive	1,21,927	94,345	2,16,272														
3 Carriage and Wagon	2,014	80,000	82,014														
4 Stations & Office Furniture	1,656	14,847	16,503														
5 Carriage and Wagon	2,000	38,000	40,000														
6 Carriage and Wagon	828	7,423	8,251														
7 Stations & Office Furniture	20,467	62,806	83,273	1,956	13,407	15,363	26,921	41,454	68,375	17,404	32,223	49,627	63,408				
8 Carriage and Wagon	75,600	37,900	1,13,500														
Total	2,49,552	5,04,959	7,54,511	19,778	1,32,191	1,51,969	55,421	1,14,928	1,70,349	31,213	1,62,757	1,93,970	2,38,223				

Budget Estimate for the year 1876-77 — (Concluded)

Budget Estimate for the year 1876-77 — (Concluded)																	
No	Detail	AMOUNT OF ESTIMATE			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1874-75			ESTIMATED EXPENDITURE DURING THE YEAR 1875-76				ESTIMATED EXPENDITURE FOR THE YEAR 1876-77				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				
IX	MAINTENANCE	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS
	Northern Extension	1,61,550		1,61,550	...	...	...	1,750	...	1,750	53,250	...	53,250	...	53,250	1,06,550	...
	Southern do	2,58,015		2,58,015	...	...	...	51,450	...	51,450	1,29,000	...	1,29,000	...	1,29,000	77,565	...
	Total	4,19,565		4,19,565	...	...	...	53,200	...	53,200	1,82,250	...	1,82,250	...	1,82,250	1,84,115	...
III	Constructing Salt Siding from Saidapett Station to Homes' Garden																
	CONSTRUCTION OF LINE																
	1 Earth-work	4,963	...	4,963	...	...	...	2,481	...	...	2,482	...	2,482	...	2,482	...	...
	1 Minor Bridges and Culverts	10,625	1,411	12,036	...	...	...	5,312	705	6,017	5,313	706	6,019	...	6,019	...	...
	4 Level Crossings	1,946	250	2,196	...	...	...	973	...	973	973	...	973	...	973	...	...
	5 Fencing	798	2,807	3,605	...	...	...	399	1,403	1,802	399	1,404	1,803	...	1,803	...	...
	Total Construction of Line	18,332	4,468	22,800	...	...	...	9,165	2,108	11,273	9,167	2,360	11,527	...	11,527	...	...
IV.	BALLAST AND PERMANENT-WAY																
	1 Ballasting	3,107	27,327	3,107	...	...	...	1,553	...	1,553	1,554	...	1,554	...	1,554	...	...
	2 Permanent-way	2,469		29,796	...	...	...	1,231	13,663	14,897	1,235	13,664	14,899	...	14,899	...	...
	Total Ballast and Permanent-way	5,576	27,327	32,903	...	...	...	2,787	13,663	16,450	2,789	13,664	16,453	...	16,453	...	...
V	STATIONS AND BUILDINGS																
	4 Station Machinery.	848	1,452	2,300	...	...	...	424	726	1,150	424	726	1,150	...	1,150	...	...

IX	Total, STATIONS AND BUILDINGS	848	1,452		2,300					424	726	726	424	726	1,150		
	MAINTENANCE	1,620			1,620					...	...	...	...	...	...		1,620
	Total, CONSTRUCTION OF SALT SIDING FROM SAIDAPETT STATION TO HOMES' GARDEN	26,376	33,247		59,623					12,376	16,497	16,750	12,380	16,750	29,130		1,620
	Constructing Salt Go-down and Siding accommodation at Dindigul	6,058	2,649		8,707					3,029	1,324	1,325	3,029	1,325	4,354		...
	Original Estimate	82,44,001	83,34,344		165,78,345					...	...	...	...	...	...		...
	Including Revised Estimate	96,99,326	97,85,682		194,85,008					25,08,480	42,06,536	42,06,536	17,00,000	28,78,422	45,78,422		36,02,431
	Grand Total	96,99,326	97,85,682		194,85,008					25,08,480	42,06,536	42,06,536	17,00,000	28,78,422	45,78,422		36,02,431

TRICHINOPOLY,
18th January 1876

(Signed) F F SMITH,
for Chief Engineer.

(Signed) W. H COAKER, Captain, R.E.,
for Consig Engineer for Railways

(True Copy)

SCHEDULE A.

Rolling Stock Budget Estimate for the year 1876-77

No	Details	AMOUNT OF ESTIMATE			ESTIMATED EXPENDITURE DURING THE OFFICIAL YEAR 1875-76			ESTIMATED EXPENDITURE FOR THE YEAR 1876-77			Estimated Expenditure in future years
		Cash Outlay in India	Value of English Stores	Total Ex penditure	Indian Ex penditure	English Ex penditure	Total Ex penditure	Indian Ex penditure	English Ex penditure	Total Ex penditure	
<i>Rolling Stock</i>											
82	Locomotives	82,000	20,91,000	21,73,000	RS	RS	RS	RS	RS	RS	RS.
12	Composite carriages	600	48,570	49,170							
18	First-class do	6,960	68,500	75,460							
10	Second do do	450	33,940	34,390							
176	Third do do	6,160	4,56,010	4,62,170							
37	Passenger brake-vans	1,295	1,14,145	1,15,440							
20	Horse boxes	760	43,788	44,548							
4	Carrriage trucks	80	4,100	4,180							
16	Goods brake-vans	1,485	23,255	24,740							
580	Covered goods wagons	44,885	7,31,140	7,76,025							
150	Ballast wagons	8,850	1,43,130	1,51,980							
27	Timber trucks	940	23,930	24,870	70,000	25,00,000	25,70,000	69,703	17,79,768	18,49,471	
3	Gunpowder vans	135	6,630	6,765							
40	Salt trucks	1,400	49,200	50,600							
229	High-sided open goods wagons	13,150	2,31,330	2,44,480							
100	Cotton trucks	3,500	1,49,000	1,52,500							
80	Low-sided open goods wagons	2,000	76,980	78,980							
3	Post-office vans	105	9,620	9,725							
2	Five-ton travelling cranes	120	16,000	16,120							
Total		1,71,815	43,22,768	44,94,583							

NEGAPATAM,

11th January 1876.

(Signed) W S BETTS,

Agent.

SCHEDULE B.

ENGINEERING DEPARTMENT

Budget Estimate of Unsanctioned Works for the year 1876-77

No	Details	AMOUNT OF ESTIMATE			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1874-75			ESTIMATED EXPENDITURE DURING THE YEAR 1875-76			ESTIMATED EXPENDITURE FOR THE YEAR 1876-77			Estimated Expenditure for future years		
		Cash Outlay in India	Value of English Stores	Total Expenditure	Indian Expenditure	English Expenditure	Total Expenditure	Indian Expenditure	English Expenditure	Total Expenditure	Indian Expenditure	English Expenditure	Total Expenditure			
	<i>Southern Extension</i>	RS	RS,	RS	RS	RS	RS	RS	RS	RS	RS	RS	RS			
III	{ Constructing additional siding and carriage shed accommodation at Trichinopoly Junction Station	35,699	76,474	1, 2,173	-	-	-	35,699	76,474	1,12,173	-	-	-			
IV		{ Constructing a Salt godown and siding accommodation at Din digul	6,058	2,949	8,707	-	-	-	6,058	2,649	8,707	-	-			
V			15,912	45,088	61,000	-	-	-	15,912	45,088	61,000	-	-			
III	{ Constructing a Salt siding at Tancorin	57,669	1,24,311	1,81,881	-	-	-	41,757	79,123	1,20,880	-	-	-			
V																
	<i>Conjeveram to Chingleput</i>															
III	{ Construction of line	1,83,684	82,503	2,16,187	-	-	-	-	-	-	91,812	16,251	1,08,063			
IV		{ Ballast and permanent-way	58,985	3,81,220	3,99,205	-	-	-	-	-	44,238	2,48,415	2,92,653			
V			{ Stations and buildings	48,697	12,721	61,418	-	-	-	-	-	12,174	3,180	15,354		
VI				{ Electric Telegraph, permanent	7,065	10,390	17,455	-	-	-	-	-	7,065	8,325	15,390	
VII					{ Plant	20,490	35,220	55,710	-	-	-	-	-	10,295	7,315	17,610
IX						{ Maintenance	25,125	25,125	50,250	-	-	-	-	-	-	-
		3,44,146	3,94,399	7,38,545	-	-	-	-	-	-	1,05,614	2,78,486	4,44,100			
	<i>Conversion of Line, Arcotum to Conjeveram</i>															
III	{ Construction, &c	69,764	63,438	1,33,202	-	-	-	69,764	63,428	1,33,202	-	-	-			
IV		{				-	-	-	-	-	-	-	-			
V						-	-	-	-	-	-	-	-			
VII	{ Branch Line from Villapooram to French Frontier	4,15,450	3,49,550	7,65,000	-	-	-	-	-	-	2,76,967	2,33,034	5,10,001			
		{ Construction of line				-	-	-	-	-	-	-	-			

Budget Estimate of Unsanctioned Works for the year 1876-77 — (Concluded)

No	Details	AMOUNT OF ESTIMATE			EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1874-75.				ESTIMATED EXPENDITURE DURING THE YEAR 1875-76.			ESTIMATED EXPENDITURE FOR THE YEAR 1876-77			Estimated Expenditure for 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	
	Line opened for Traffic more than two years.	RS	RS	RS	RS	RS	RS		RS	RS	RS	RS	RS	RS	RS
	Needamangalam Station additions	20 000		20,000								20 000		20,000	
	General Stores building additions	30,000		30,000								30,000		30,000	
	Capital proportion of large bridge at 13 miles 78 chains, Arcconum Branch, Estimate Rupees 16,837, Revenue Rupees 10,595 ..	6 843		6,843								6,843		6,843	
	Total	56,843		56,842								56,843		56,843	
	Grand Total ..	9,43,271	9,31,598	19,74,869					1,11,521	1,42,851	2,54,083	5 14,735	6,56,704	10,7 343	15,49,444

TRICHINOPOLY,
4th December 1875.

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

SCHEDULE D
CAPITAL AND REVENUE
Budget Estimate of Establishment and Contingencies for 1876-77

Number	Details	Monthly Salary of Office	ESTIMATE, 1875-76				ESTIMATE, 1876-77			
			Distribution of Charges			Per Annum	Distribution of Charges			Per Annum
			Per Museum	Capital	Revenue	Total	Per Museum	Capital	Revenue	Total
1875-76	1876-77	RS	RS	RS	RS	RS	RS	RS.	RS	RS
1	1 Agent	1,933	1,933	23,183		23,183	2,273	27,272		27,272
8	14 Clerks		480	5,760		5,760	600	7,800		7,800
16	17 Peons		100	1,308		1,308	118	1,416		1,416
1	1 Consulting Physician		150	1,800		1,800	150	1,800		1,800
3	3 Apothecaries		220	2,640		2,640	220	2,640		2,640
1	1 Chief Auditor	682	682	8,184		8,184	819	9,828		9,828
73	104 Clerks		2,298	27,570	53,963	80,943	3,550	42,600	46,023	69,034
37	18 Peons		260	3,120		3,120	140	1,690		1,690
1	1 General Store keeper	300	300	3,600		3,600	300	3,600		3,600
19	22 Clerks		578	6,936		6,936	685	8,220		8,220
26	30 Peons		148	1,776		1,776	200	2,400		2,400
	Travelling Allowance			465		465		2,300		2,300
	Contingencies			3,600		3,600		3,600		3,600

Budget Estimate of Establishment for the year 1876-77

NUMBER	1875 76	1876 77	Details	Monthly Salary of Office	ESTIMATE FOR 1876 76				ESTIMATE FOR 1876 77			
					Per Month	Per Annum	Distribution of Charges		Per Month	Per Annum	Distribution of Charges	
							Capital	Revenue			Capital	Revenue
1	Lot	1	Chief Engineer	1,800	1,800	21,600	21,600	---	1,800	21,600	---	---
2	Lot	1	Deputy Chief Engineer	1,000	750	9,000	9,000	---	1,000	12,000	---	---
3	Lot	1	Resident Engineer	819	819	9,828	9,828	---	819	9,828	---	---
4	Lot	5	Assistant Engineers, 1st-class	819	3,827	45,924	45,924	---	819	3,827	---	---
5	Lot	8	do, 2nd "	639	4,746	51,072	51,072	---	639	51,072	---	---
6	Lot	11	do, 3rd "	454	5,172	62,904	62,904	---	454	62,904	---	---
7	Lot	1	Chief Engineer's Office	225	225	2,700	2,700	---	225	2,700	---	---
8	Lot	1	Manager	150	150	1,800	1,800	---	150	1,800	---	---
9	Lot	1	Native Assistant	150	150	1,800	1,800	---	150	1,800	---	---
10	Lot	1	Clerks, Accountants, Draughtsmen, &c	60	2,319	27,828	27,828	---	60	2,319	---	---
11	Lot	1	Apothecary	60	60	720	720	---	60	720	---	---
12	Lot	1	Peons and Lascars	10	220	2,640	2,640	---	10	2,640	---	---
13	Lot	1	Office Rent	150	150	1,800	1,800	---	150	1,800	---	---
14	Lot	2	Engineering Workshop	150	3,348	40,176	40,176	---	150	40,176	---	---
15	Lot	1	Foremen and Assistant Foremen	65	259	3,108	3,108	---	65	3,108	---	---
16	Lot	1	Clerks, Accountants Timber measurers, and Time keepers	150	150	1,800	1,800	---	150	1,800	---	---
17	Lot	2	Engineering Stores	300	425	5,100	5,100	---	300	5,100	---	---
18	Lot	1	Store-keepers	80	633	7,596	7,596	---	80	7,596	---	---
19	Lot	1	Assistant Store keepers, Clerks, and Accountants	10	114	1,368	1,368	---	10	1,368	---	---
20	Lot	1	Lascars	250	3,129	37,548	37,548	---	250	37,548	---	---
21	Lot	3	Sub Assistant Engineers and Engineering Assistants	300	859	10,296	10,296	---	300	10,296	---	---
22	Lot	46	Masonry Inspectors	185	5,584	67,008	67,008	---	185	67,008	---	---
23	Lot	1	Inspectors and Sub Inspectors	---	---	---	---	---	---	---	---	---
24	Lot	1	Clerks, Cash keepers, Store keepers, and Inspectors' Writers	55	2,899	34,788	34,788	---	55	34,788	---	---
25	Lot	1	Apothecaries	100	1,066	12,792	12,792	---	100	12,792	---	---
26	Lot	1	Cash Peons, Store Peons, and Lascars	8	1,635	19,620	19,620	---	8	19,620	---	---
27	Lot	1	Foreman of Erectors	271	213	2,556	2,556	---	271	2,556	---	---
28	Lot	1	General Foreman	400	1,784	21,408	21,408	---	400	21,408	---	---
29	Lot	1	Allowance for Engineers and Subordinates	---	---	---	---	---	---	---	---	---
30	Lot	1	Station and Office Stores	---	---	---	---	---	---	---	---	---
31	Lot	1	Contingencies	---	---	---	---	---	---	---	---	---
32	Lot	1	Arconum Branch	---	---	---	---	---	---	---	---	---
33	Lot	1	Superintendence	---	---	---	---	---	---	---	---	---
34	Lot	1	Total	---	---	---	---	---	---	---	---	---
35	Lot	1	Total of all Departments	---	---	---	---	---	---	---	---	---

TRICHINOPOLY,
16th January 1876

(Signed) F F SMITH,
for Chief Engineer.

Budget Estimate of Establishment for the year 1876-77

NUMBER	1875 76	1876 77	Details	Monthly Salary of Office	ESTIMATE FOR 1876 76				ESTIMATE FOR 1876 77			
					Per Month	Per Annum	Distribution of Charges		Per Month	Per Annum	Distribution of Charges	
							Capital	Revenue			Capital	Revenue
1	Lot	1	Chief Engineer	1,800	1,800	21,600	21,600	---	1,800	21,600	---	---
2	Lot	1	Deputy Chief Engineer	1,000	750	9,000	9,000	---	1,000	12,000	---	---
3	Lot	1	Resident Engineer	819	819	9,828	9,828	---	819	9,828	---	---
4	Lot	5	Assistant Engineers, 1st-class	819	3,827	45,924	45,924	---	819	3,827	---	---
5	Lot	8	do, 2nd "	639	4,746	51,072	51,072	---	639	51,072	---	---
6	Lot	11	do, 3rd "	454	5,172	62,904	62,904	---	454	62,904	---	---
7	Lot	1	Chief Engineer's Office	225	225	2,700	2,700	---	225	2,700	---	---
8	Lot	1	Manager	150	150	1,800	1,800	---	150	1,800	---	---
9	Lot	1	Native Assistant	150	150	1,800	1,800	---	150	1,800	---	---
10	Lot	1	Clerks, Accountants, Draughtsmen, &c	60	2,319	27,828	27,828	---	60	2,319	---	---
11	Lot	1	Apothecary	60	60	720	720	---	60	720	---	---
12	Lot	1	Peons and Lascars	10	220	2,640	2,640	---	10	2,640	---	---
13	Lot	1	Office Rent	150	150	1,800	1,800	---	150	1,800	---	---
14	Lot	2	Engineering Workshop	150	3,348	40,176	40,176	---	150	40,176	---	---
15	Lot	1	Foremen and Assistant Foremen	65	259	3,108	3,108	---	65	3,108	---	---
16	Lot	1	Clerks, Accountants Timber measurers, and Time keepers	150	150	1,800	1,800	---	150	1,800	---	---
17	Lot	2	Engineering Stores	300	425	5,100	5,100	---	300	5,100	---	---
18	Lot	1	Store-keepers	80	633	7,596	7,596	---	80	7,596	---	---
19	Lot	1	Assistant Store keepers, Clerks, and Accountants	10	114	1,368	1,368	---	10	1,368	---	---
20	Lot	1	Lascars	250	3,129	37,548	37,548	---	250	37,548	---	---
21	Lot	3	Sub Assistant Engineers and Engineering Assistants	300	859	10,296	10,296	---	300	10,296	---	---
22	Lot	46	Masonry Inspectors	185	5,584	67,008	67,008	---	185	67,008	---	---
23	Lot	1	Inspectors and Sub Inspectors	---	---	---	---	---	---	---	---	---
24	Lot	1	Clerks, Cash keepers, Store keepers, and Inspectors' Writers	55	2,899	34,788	34,788	---	55	34,788	---	---
25	Lot	1	Apothecaries	100	1,066	12,792	12,792	---	100	12,792	---	---
26	Lot	1	Cash Peons, Store Peons, and Lascars	8	1,635	19,620	19,620	---	8	19,620	---	---
27	Lot	1	Foreman of Erectors	271	213	2,556	2,556	---	271	2,556	---	---
28	Lot	1	General Foreman	400	1,784	21,408	21,408	---	400	21,408	---	---
29	Lot	1	Allowance for Engineers and Subordinates	---	---	---	---	---	---	---	---	---
30	Lot	1	Station and Office Stores	---	---	---	---	---	---	---	---	---
31	Lot	1	Contingencies	---	---	---	---	---	---	---	---	---
32	Lot	1	Arconum Branch	---	---	---	---	---	---	---	---	---
33	Lot	1	Superintendence	---	---	---	---	---	---	---	---	---
34	Lot	1	Total	---	---	---	---	---	---	---	---	---
35	Lot	1	Total of all Departments	---	---	---	---	---	---	---	---	---

TRICHINOPOLY,
16th January 1876

(Signed) F F SMITH,
for Chief Engineer.

Budget Estimate of Establishment and Contingences for the year 1876-77

[illegible]

(Signed) R. SURWARD,
Locomotive and Carriage Builder

NEGAPATAM,
22nd November 1875

Budget Estimate of Establishment and Contingencies for the year 1876-77

NUMBER		Details.	Monthly Salary of Office	ESTIMATES, 1875-76					ESTIMATES, 1876-77				
1875-76	1876-77			Per Menssem	Per Annum	Distribution of Charges			Per Menssem	Per Annum	Distribution of Charges		
						Capital	Revenue	Total			Capital	Revenue	Total
1	1	Traffic Department	25	26	27	28	29	30	31	32	33	34	35
3	3	Traffic Manager	..	..	7,050	..	..	819	9,828	..	9,828	9,828	9,828
23	3	District Superintendents	..	900	8,100	..	..	900	10,800	..	10,800	10,800	10,800
36	23	Clerks (and Peons)	..	Varies	7,800	..	Varies	Varies	7,800	..	7,800	7,800	7,800
36	40	Guards	..	..	13,650	..	..	..	19,200	..	19,200	19,200	19,200
3	6	Inspectors	..	..	..	..	..	..	4,200	..	4,200	4,200	4,200
168	234	Station Clerks	..	..	68,000	..	1,05,800	..	45,700	..	45,700	45,700	45,700
560	780	Porters	..	..	..	..	..	..	51,550	..	51,550	51,550	51,550
..	..	Travelling Allowances (including overtime allowed to Guards)	..	..	2,500	..	..	..	3,550	..	3,550	3,550	3,550
..	..	Contingencies	..	..	100	..	..	..	150	..	150	150	150
..	156	Telegraph Signaller.	..	..	..	..	..	..	26,670	..	26,670	26,670	26,670
..	24	Telegraph Peons	..	..	..	..	..	..	1,928	..	1,928	1,928	1,928
								2,270			1,70,216	1,81,486	

TRICHINOPOLY,
22nd November 1875

(Signed) A STANTON,
Traffic Manager

SCHEDULE E

Budget Estimate of Expenditure on Stores during 1876-77

Details.	ACTUAL PURCHASES, 1874-75		PURCHASES DURING 1875-76		PURCHASES DURING 1876-77		Remarks
	Quantity	Amount	Quantity	Amount	Quantity	Amount	
<i>In India</i>	TONS	RS	TONS	RS	TONS	RS	
Timber ..	1,767	1,87,534	1,500	1,50,000	1,500	1,50,000	
Coal ..	1,644	32,880	4,900	80,000	5,000	1,00,000	
Oil ..	24	7,275	50	14,000	80	20,000	
Firewood ..	3,655	18,493	8,000	48,000	8,000	48,000	
Stationery ..		9,502		25,000		32,000	
Boat-hire, freight, duty on English stores	..	1,17,954		3,00,000		2,00,000	
Miscellaneous ..		2,69,575		83,000		1,00,000	
Total ..		5,43,213		7,00,000		6,50,000	
<i>In England</i>							

* Not in possession of this information

MEMORANDUM

Actual balance of stores on 1st April 1875	RS
Estimated purchases during 1875-76 as above	62,01,577
Total ..	69,01,577
Estimated issues during 1875-76	
Do balance on 1st April 1876	..
Do purchases during 1876-77 as above	6,50,000
Estimated issues during 1876-77	..
Do balances on 1st April 1877	..

See above remark

SCHEDULE F

General Estimate of Traffic Receipts for the year 1876-77

Number of miles open for traffic on 1st April 1875	..	186
Expected to be open during 1875-76	..	212
Total on 1st April 1876	..	398
Expected to be open during 1876-77	..	122
Total likely to be opened at end of 1876-77	..	520
Average number of miles expected to be open during 1876-77	..	483

Details	Actuals, 1874-75	Sanctioned Estimate, 1875-76	Regular Estimate, 1875-76	Budget Estimate, 1876-77
Coaching Traffic	RS 5,24,431	RS 9,70,000	RS 6,50,000	RS 10,00,000
Goods do	4,08,321	7,00,000	5,35,000	9,00,000
Electric Telegraph Earnings	6,000	10,000	12,000	12,000
Sundries	20,008	20,000	13,000	18,000
Total	9,59,159	17,00,000	12,10,000	19,30,000

(Signed) W S BETTS,
Agent

SCHEDULE G

General Estimate of Revenue Expenditure for 1876-77.

	Actuals, 1874-75	Budget Estimate, 1875-76	Regular Estimate, 1875-76	Budget Estimate, 1876-77
MAINTENANCE OF WAY, WORKS, AND STATIONS	RS	RS	RS	RS
1st — Salaries, Office Expenses, and General Superintendence	22,1	24,200	9,818	9,820
(1) — Engineer's salary	9,818	10,100	9,818	1,260
(2) — Allowances, including travelling expenses	1,100	1,200	1,120	8,580
(3) — Subordinate superintendence	7,795	7,800	8,200	
(4) — Allowance of do	3	100		
(5) — Overtime allowances				
(6) — Office expenses	4,400	5,000	4,602	5,200
2nd — Maintenance and Renewals of Permanent-way	39,177	41,600	40,000	43,000
(1) — Wages	33,111	30,000	13,760	28,930
(2) — Material				
3rd — Repairs of Bridges, &c, Wages and Materials	1,555	1,000	800	11,870
(1) — Bridges and tunnels				2,260
(2) — Miscellaneous, including earthwork, road fencing, &c	1,424	2,000	2,600	
4th — Repairs of Stations and Buildings, Wages and Materials				
(1) — Repairs to buildings of every description, including station yards and signals, and excepting staff quarters	6,973	7,500	6,500	7,780
(2) — Repairs to staff quarters	607	800	600	750
5th — Maintenance by Contract				
6th — Unclassified Expenditure				
(1) — Plantation	363	1,000	1,000	1,100
(2) — Tools and plant	81	500	100	500
(3) — Miscellaneous	1,101		200	
(4) — Loss on stores				
Total	1,07,513	1,08,600	89,300	1,21,100
LOCOMOTIVE EXPENSES				
1st — General Superintendence				
(1) — Salaries of Locomotive Superintendent and Assistant	11,814	10,200	12,000	13,600
(2) — Allowances of do, including travelling allowance	304	500	600	600
(3) — Subordinate superintendence	17,014	27,000	15,000	44,000
(4) — Allowances of do, including travelling allowance	108	250	100	300
(5) — Overtime allowance	604	700	200	500
(6) — Office expense	7,683	10,300	11,300	15,000
2nd — Running Expenses (wages connected with the working of Engines)				
(1) — Wages of Drivers and Firemen	26,512	50,000	38,550	1,00,000
(2) — Overtime allowance	6,980	9,000	8,760	10,000
(3) — All labor connected with fuelling, cleaning and looking after engines in yard	2,700	8,600	3,170	8,000
(4) — Contingent expenses, including clothing and travelling expenses	489	100		100

General Estimate of Revenue Expenditure for 1876-77.

	Actuals 1874-75	Budget Estimate, 1875-76	Regular Estimate, 1875-76	Budget Estimate, 1876-77
3rd — Fuel (1 to 4) — Coal, coke, patent fuel and wood ...	RS	RS	RS	RS
(4th) — Water (including wages and stores) ...	1,31,993	2,20,000	1,35,000	2,02,000
(5th) — Oil, tallow, and other stores expended on engines in work	...	...	...	...
6th — Maintenance and Renewals of Engines and Machinery	...	...	...	...
(1) — Wages	10,573	11,800	10,000	12,000
(2) — Overtime allowances	409	400	800	1,000
(3) — Materials	23,805	22,600	4,000	9,000
7th — Payments to other lines	...	...	...	...
8th — Unclassified Expenditure	...	...	...	...
(1) — Tools and plant	...	...	...	...
Total	2,47,865	3,81,600	2,49,240	4,28,000
CARRIAGE AND WAGON EXPENSES.				
1st — General Superintendence	...	...	...	...
(1) — Salaries of Superintendent and Assistant	2,444	2,500	2,100	2,300
(2) — Allowance, including travelling	65	200	100	200
(3) — Subordinate superintendence	3,311	9,000	2,400	7,800
(4) — Allowances, including travelling	39	100	20	100
(5) — Overtime allowances	81	100	50	100
(6) — Office expenses	1,485	3,600	1,730	2,600
2nd — Repairs and Renewals of Vehicles, Machinery, &c	...	...	...	...
Coaching Vehicles { (1) — Wages	2,246	2,000	1,300	2,200
(2) — Overtime	185	150	50	100
(3) — Materials	7,857	7,000	2,500	4,000
Goods do { (1) — Wages	7,493	5,000	5,900	8,200
(2) — Overtime	153	100	150	300
(3) — Materials	18,792	15,000	5,000	10,000
3rd — Cleaning Carriages and Wagons, &c, Oiling	...	...	...	...
(1) — Labor, including wages of Oilers, Carriage-cleaners and Examiners	2,574	3,400	3,800	4,000
(2) — Stores, including oil, grease and other stores for consumption on running vehicles	2,893	3,500	4,000	5,000
4th — Unclassified Expenditure	...	...	...	...
(1) — Tools and plant	...	...	...	...
(2) — Loss on stores	366	650	...	600
Total	50,017	52,300	29,100	47,500
TRAFFIC EXPENSES				
1st — Salaries, Wages, &c	...	...	...	...
(a) — General Superintendence	...	...	...	...
(1) — Traffic Manager and Dist Supt	8,312	15,750	10,000	20,630
(2) — Office establishment	1,936	7,800	2,500	7,800
(3) — Travelling allowance	1,200	2,200	1,500	3,360
(4) — Contingencies	...	100	100	100

General Estimate of Revenue Expenditure for 1876-77

	Actuals, 1874-75	Budget Estimate, 1875-76	Regular Estimate, 1875-76	Budget Estimate, 1876-77
(b) — Station Staff Station-masters, Clerks, Porters, &c	RS 31,735	RS 66,000	RS 50,000	RS 99,050
(c) — Train Staff	6,863	13,650	9,000	19,200
(1) — Guards and Assistant Guards	183	300	250	300
(2) — Overtime allowances	...	...	...	...
2nd — Fuel, Lighting, Water, and General Stores	...	...	...	...
(1) — Lights, general stores, &c, for carriages, &c	2,427	7,300	7,000	14,860
(2) — Wagon covers, ropes, &c	39	1,000	150	1,000
(3) — Office and station fittings and furniture	219	2,800	500	1,000
3rd — Clothing for Guards, Porters, &c	...	...	...	...
4th — Printing, stationery and tickets	...	...	...	...
5th — Charges for delivery and collection of goods	...	...	...	...
6th — Miscellaneous expenses	...	...	...	...
7th — Payments to other Lines	15,085	10,000	15,000	15,000
(1) — Mileage of foreign stock	...	...	...	...
(2) — Expenses of joint station (Erode), includ- ing rent	12,639	13,500	15,500	15,000
Total	86,422	1,58,100	1,24,100	2,29,500
GENERAL CHARGES				
1st — Home Expenditure	...	...	...	...
(1) — Directors and Secretary	...	...	...	...
(2) — Auditors and Accountants	...	...	...	...
(3) — Consulting Engineers and Inspecting Officers' fees and travelling office expenses	...	...	...	...
2nd — Salaries of Indian Management, including Officers	...	...	...	...
(1 to 4) — Agent's Office, including Audit Accounts, &c	35,126	76,500	40,000	45,000
(5) — Stores Department	...	...	...	...
(6) — Medical do	22	100	100	100
(7) — Rents of buildings and lands	631	2,000	1,000	2,000
(8) — Contingencies, including furniture	1,077	2,000	2,000	2,000
(9) — Stationery	88	200	200	200
(10) — Medicines	...	...	...	...
3rd — Police	...	...	...	...
4th — Advertising	...	...	...	...
5th — Electric Telegraph	...	2,000	1,000	2,400
(1) — Salaries of Superintendent and Assistants	5,895	23,900	10,000	26,400
(2) — Signallers	1,046	3,700	2,000	4,000
(4) — Office expenses, contingencies, &c	282	500	500	500
(5) — Maintenance, stores, and labor	...	...	...	...
6th — Clearing accounts with other lines	...	...	...	...
7th — Unclassified expenditure	...	...	...	...
Total	55,928	1,33,400	69,900	1,04,100
SPECIAL AND MISCELLANEOUS EXPENDITURE				
1st — Law charges	...	...	...	...
2nd — Compensation for goods lost or damaged	...	...	...	...
3rd — Rates and taxes	...	...	...	...
4th — Interest on Revenue Balances	...	...	...	...
5th — Contribution to Fire Insurance Fund	...	...	...	...
Total	7,702	16,000	3,600	6,000

Note on the Administrative Estimates of the South Indian Railway for 1875-76 and 1876-77.

ADVANCES ON CAPITAL ACCOUNT.

Regular Estimate, 1875-76

THE amounts entered by the Railway Company show a decrease as compared with the revised sanctioned Budget under both expenditure and receipts; the figures being as follow —

	Sanctioned Budget Estimate	Regular Estimate.
Expenditure	RS 36,00,000	RS. 33,60,849
Receipts	4,30,000	2,70,000
Net Cash Demands .	31,70,000	30,90,819

The figures now given are the result of a discussion of the estimates at Trichinopoly last week, and differ considerably from those at first entered. Some further alterations are, however, recommended.

2. *Engineering* —The amount set down under sanctioned works was thus arrived at —

Cash remitted to Engineers up to 20th December 1875	RS 17,79,535
Estimate of further expenditure during the year	5,33,185
Chief Engineer's office establishment	Total ... 23,12,720
Workshop and stores, Trichinopoly	1,00,000
	17,280
Deduct establishment as per Schedule D	Total . 24,30,000
	5,00,000
	19,30,000

Unsanctioned works are entered at Rupees 1,11,521, but the provision for the conversion of the Arconum-Conjeveram section may be transferred to the following year, and that for the works at Trichinopoly junction be reduced to Rupees 20,000. The salt siding at Dindigul is entered under Schedule A

3 The effect of these alterations will be to reduce the total estimated outlay to Rupees 32,69,328, * but, judging from the withdrawals up to date, it seems probable that the total expenditure will not reach this amount, and that the figures entered in the financial estimates forwarded with this office letter, No 23, of the 15th instant, will be nearer the mark. In order to arrive at this amount,† it is recommended that a further reduction of Rupees 1,70,000 be made in Engineering Schedule A, and of Rupees 50,000 in Stores Schedule E. It does not appear possible to make any reduction under locomotive and establishments.

RS
* 33,60,849
91,521
32,69,328

† Rupees 30,50,000

4 *Refunds, Rupees 2,70,000* —No allowance has been made for receipts from the sale of broad gauge rolling stock, but this has now been valued, and will, it is hoped, be disposed of shortly to the Director of State Railways. The total value of the stock for sale is about Rupees 3,00,000

5. With regard to engineering expenditure, it will be observed that the sanctioned estimates for the Northern Extension are likely to be considerably exceeded, and this is owing chiefly to the increased depths of foundations in small and large bridges, to some increase of waterway, and to the amounts provided for rolling stock and stations being found insufficient. Revised estimates for the Madras-Cuddalore section have been received in this office, but are detained pending the submission of the station plans, and some further information regarding bridges and waterways. Doubt still exists as to the best mode of dealing with the Panar bridge, which has been the subject of lengthened inquiry and discussion. It is hoped that these estimates will soon be ready for submission to Government.

Budget Estimate, 1876-77

6 *Engineering* —The amount entered against sanctioned works is thus arrived at—

	RS.
Northern Extension	14,00,000
Southern do	3,00,000
Total	17,00,000

The only works which it seems necessary to enter under Schedule B are the following —

	RS
Works at Trichinopoly junction	15,699
Salt siding at Tuticorin	15,912
Chingleput to Conjeveram section	1,00,000
Arconum to Conjeveram conversion	69,764
Pondicherry branch	92,383
Needamungalum station	20,000
General Stores building, Negapatam	30,000
Bridge, 14th mile, Conjeveram branch	6,242
Total	3,50,000

It is doubtful, however, whether the Pondicherry branch will be undertaken during the ensuing year; while it is also probable that sanction to the Chingleput-Conjeveram section will not be obtained sufficiently early to admit of any large expenditure being incurred. The information required for again laying the matter before the Secretary of State has just been received from the Agent, and will be submitted to Government in a few days.

Locomotive —The amount entered against unsanctioned works will be required for stocking the line from Arconum to Conjeveram, in the event of this being converted to the metre gauge. This amount of stock will suffice to work the branch up to Chingleput.

Establishments —It is thought that some reduction may be made in the amount here entered, and Rupees 5,50,000 will probably be found sufficient.

7. With the modifications already suggested, the estimated expenditure for 1876-77 will be as follows —

Engineering—		
Sanctioned works	Rs	
Unsanctioned works	..	17,00,000
Locomotive—	..	3,50,000
Sanctioned works	..	
Unsanctioned works	..	69,703
Establishments	..	13,317
Stores	..	5,50,000
	..	6,50,000
Total		33,33,050

It is not probable, however, that the total expenditure will exceed that of the current year, and in the financial estimate it has been put down at Rupees 30,20,000. To arrive at this amount it is proposed to deduct Rupees 1,30,000 from Engineering Schedule A, Rupees 1,30,000 from Engineering Schedule B, and Rupees 50,000 from Stores.

8. If the recommendations herein made be accepted, the estimates of cash expenditure in India will be as follows —

	Regular Estimate, 1875-76	Budget Estimate, 1876-77
Engineering—	Rs	Rs
Sanctioned works	17,60,000	15,70,000
Unsanctioned works	20,000	2,20,000
Locomotive—		
Sanctioned works	70,000	69,703
Unsanctioned works		13,317
Establishments	5,50,000	5,50,000
Stores	6,50,000	6,00,000
Receipts* ..	30,50,000	30,23,050
Net cash demands	2,70,000	4,23,050
	27,80,000	26,00,000

9. With reference to the remark of the Government of India that, when the Agent's figures are expected to exceed the actuals, reductions should be made from specific works in the Budget, it is to be observed that this was done as far as possible in the preparation of the estimates; but from each department allowing a small margin to work upon, the grand total thus arrived at generally exceeds the actual expenditure, and it seems necessary to allow some latitude to heads of departments in order to avoid the necessity for too frequent transfers of allotments. It is believed that the totals, as now recommended for sanction, will prove to be fair approximations; although there would be some difficulty in specifying the particular works in which the expenditure will fall short of the Agent's estimate.

* If the available rolling stock be disposed of, some addition will be necessary under the head of "Receipts".

REVENUE ACCOUNT

Regular Estimate, 1875-76

10. The figures now submitted differ widely from those entered in the Budget Estimate framed last year. This is due to the new line having been opened to traffic much later than was anticipated, the mean mileage assumed in the note on the Budget being 353, as against an average of 272 miles actually worked. The figures are as follow —

	Budget Estimate RS	Regular Estimate RS.
Receipts	17,00,000	12,10,000
Expenditure	8,50,000	5,65,210
Profits	8,50,000	6,44,760

11. The receipts up to 31st December last were approximately Rupees 8,00,000, and it is thought that the amount entered by the Agent will not be quite worked up to. It is proposed to substitute Rupees 11,84,000, arrived at as follows —

	RS
Actuals for 1874-75	9,60,000
Add for 86 miles at Rupees 50 per mile per week	2,24,000
Total	11,84,000

No alteration is recommended in the estimate of expenditure.

Budget Estimate, 1876-77.

12. Receipts — The receipts have been calculated on the supposition that the average mileage worked will be 486; but, judging from the dates for opening the Northern Extension last given by the Chief Engineer, it is not considered safe to reckon on more than 460 miles. The receipts per mile on the new line already opened should increase somewhat during the next official year, and it is thought that the average receipts on the extensions may be taken at Rupees 60 per mile per week. The estimate would then be as follows —

	RS
For 186 miles of old line as per actuals 1874-75	9,60,000
For 274 miles of new line at Rupees 60 per mile per week	8,55,000
Total receipts	18,15,000

13. Expenditure — The total expenditure is entered at Rupees 9,36,200, but it is thought that the following reductions may be made, partly on account of the smaller mileage allowed for, and partly from some of the items being over estimated. In locomotive expenses, subordinate superintendence from Rupees 44,000 to Rupees 30,000, and wages of drivers and firemen from Rupees 1,00,000 to Rupees 67,400. In traffic when the total will be reduced from Rupees 4,28,000 to Rupees 3,81,400. In traffic expenses, station staff from Rupees 99,050 to Rupees 88,910, lights, &c., from Rupees 14,860 to Rupees 10,000, and printing, &c., from Rupees 26,500 to Rupees 12,000, when the total will stand at Rupees 2,00,000. General charges from Rupees 1,04,100 to Rupees 94,100 (Rupees 5,000 being taken from items 1 and 2).

14 With the foregoing modifications, the estimates of Revenue expenditure will stand as follows —

	Regular Estimate, 1875-76	Budget Estimate, 1876 77
	RS	RS
Maintenance ..	89,300	1,21,000
Locomotive ..	2,49,240	3,81,400
Carriage and wagon ..	29,100	47,500
Traffic ..	1,24,100	2,00,000
General charges ..	69,900	94,100
Special and miscellaneous ..	3,600	6,000
Total	5,65,240	8,50,000

15 The Revenue estimates, as recommended for sanction, may be thus summarized —

	Regular Estimate, 1875 76	Budget Estimate, 1876 77
	RS	RS
Receipts ..	11,84,000	18,15,000
Expenditure ..	5,65,240	8,50,000
Profits	6,18,760	9,65,000
Percentage borne by expenses to receipts	47 7	46 8

(Signed) J. H. M SHAW-STEWART, Lt -Col, R E ,
Consulting Engineer for Railways

South Indian Railway

Capital Account

Estimate of Cash Expenditure in India for the year 1876-77.

Details	Actuals sanctioned Regular Budget			
	in 1874-75	Estimate 1875-76	Estimate 1875-76	Estimate 1876-77
<u>Engineering Department.</u>				
Sanctioned works, Schedule A	Rs. 9,83,248	Rs. 17,89,517	Rs. 19,30,000	Rs. 19,00,000
Works to be sanctioned, Schedule B	"	5,36,935	1,11,521	5,14,735
<u>Locomotive Department</u>				
Sanctioned works, Schedule A	Rs. 22,112	Rs. 1,55,421	Rs. 70,000	Rs. 69,703
Works to be sanctioned				
Rolling stock Chingleput ^{station} Conference				13,347
Establishment Contingencies, Schedule D	4,68,533	5,68,127	5,29,328	5,82,415
Stores				
Schedule E	6,43,213	5,50,000	7,00,000	6,50,000
<u>Total</u>	<u>21,07,156</u>	<u>31,00,000</u>	<u>33,60,849</u>	<u>35,30,200</u>
Receipts to be credited to Capital Repayment	2,39,310	4,50,000	2,70,000	4,25,100
Net cash demand of the year	18,67,846	31,70,000	30,90,849	31,05,100

Megapalaam
Agent's office
9 January
1876

Chf. William L. Petto.

Princ. Copy

Agent.

R.R.

Consulting Engineer for Railways.

for
Council
40101-

د. محمد رفیع الدین

مدرسہ اسلامیہ

پتہ: لاہور، پاکستان

تاریخ: ۱۵/۱۰/۱۴۰۲ھ
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پتہ: لاہور

South Indian Railway

Schedule #

Rolling Stock Budget Estimate for the year 1876-77.

Amount of Estimate	Estimated expenditure during the year 1875-76	Estimated expenditure for the year 1876-77	Estimated expenditure in future years
Cash outly in India			
Value of English Store			
Total Expenditure			
Indian Expenditure			
English Expenditure			
Total Expenditure			
Indian Expenditure			
English Expenditure			
Total Expenditure			
Estimated expenditure in future years			

Remarks

Rolling Stock

Locomotive	82000	249100	2173000	
Benificial Carriage	600	48570	49170	
First Class - do	6960	58500	75460	
Second - do - do	450	33940	34390	
Third - do - do	6160	456010	462170	
Passenger Brake Van	1295	114145	115240	
Goods Wagon	700	43788	44488	
Goods Wagon	1485	23255	24740	
Second Goods Wagon	44885	734140	776025	70510 250000 2570000 69703 1777768 1829471
Ballast Wagon	5850	445430	151280	
Similar Trucks	940	23930	24070	
Gunpowder Van	135	6130	6765	
Salt Trucks	1400	49200	59600	
W.L. Goods Wagon	13150	231530	244600	
Leather Trucks	3500	449000	152500	
S.L. Goods Wagon	2000	76980	78980	
Post Office Van	105	9620	9725	
Low Drizzling crane	120	16000	16120	

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Preparation

11th January 1876

English

for. Com. Engineer for Railway

James (Copy)

W. L. L. L.

Agent

W. L. L. L.

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South Indian Railway

Schedule D

Capital and Revenue

Budget Estimate of Establishment and Contingencies for 1876-1877.

Number	Details	Monthly Estimate 1875-1876		Estimate 1876-1877		Distribution of charges		
		Salary	Per Per	Salary	Per Per	Office	Per Per	Total
			Office		Office		Office	
1	1 Agent			1273	27,272			
8	14 Clerks	1982	1932 23,183	150	7,000			
16	17 Peons		480 6,760	118	1,416			
1	1 Consulting Physician		109 1,308	150	1,800			
3	3 Apothecaries		150 1,680	220	2,640			
1	1 Chief Auditor		220 2,640	519	9,828			
72	124 Clerks	682	682 8,184	550	42,600	46,022	69,034	115,056
37	10 Peons		2,298 27,576	440	1,680			
1	1 General storekeeper		260 2,120	200	3,600			
19	22 Clerks	300	300 3,600	185	8,220			
26	30 Peons		678 6,936	200	2,400			
	Travelling Allowances		148 1,776		2,200			
	Contingencies		465		3,600			
			1,650					

(True Copy)
 W. W. W. R. R. Capt.
 for Consulting Engineer for Railways

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Capital and Revenue.

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P. P. Trichinopoly 22nd November 1875

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Staff Manager.

Dr. Caplain

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South Indian Railway

Schedule E

Budget Estimate of expenditure on stores during 1876-1877.

Details	Actuals Purchases 1874-1875		Purchases during 1875-76		Purchases during 1876-1877		Remarks
	Quantity	Amount	Quantity	Amount	Quantity	Amount	
		Rs		Rs		Rs	
<u>In India</u>							
Timber	1767	107534	1500	150,000	1500	150,000	
Coal	1344	32,880	4000	80,000	6000	100,000	
Oil	44	7,275	50	14,000	80	20,000	
Firewood	3,355	18,492	8000	48,000	8500	48,000	
Stationery		9,522		25,000		32,000	
Boat hire, freight		117,954		300,000		200,000	
duty on bought stores							
Miscellaneous		2,49,575		82,000		100,000	
Total		643,213		700,000		650,000	

In England

*

Memorandum

Actual balance of stores on 1st April 1875 — 62,04,577

Estimated purchases during 1875-76 as above 700,000

Total 69,04,577

Estimated Issues during 1875-1876

• balance on 1 April 1876

• purchases during 1876-1877 as above 6,50,000

Estimated Issues during 1876-1877

• balance on 1 April 1877

See above Remark

42101

/True copy/

W. J. Belts
Agent.

Unionlee R.R. Captain

General Manager for Railways

1875-1876

1876-1877

1877-1878

1878-1879

for Consulting Engineer for Railways.

பெரிய கட்டிடம், கட்டிடம்

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South Indian Railway

24

General Estimate of Revenue Expenditure for 1876-1877.

Actuals Budget Regular Budget
Estimate Estimate Estimate
1874-1875 1875-1876 1876-1877 1876-1877

Maintenance of Way Works and Stations

Salaries, Office Expenses & General Superintendence

Engineers salary	9,818	10,100	9,818	9,820
Allowances including travelling expenses	1,100	1,200	1,120	1,260
Subordinate superintendence	7,795	7,800	8,200	8,500
allowance of do	3	100		
Onetime allowances	"	"		
Office expenses	4,400	5,000	4,602	5,200

Maintenance and Renewals of permanent way

Wages	39,177	41,600	40,000	43,060
Materials	32,111	30,000	13,760	28,980

Repairs of bridges & Wages & Materials

Bridges and tunnels	1,555	1,000	800	11,870
Miscellaneous including cartwork, road ferrying &c	1,424	2,000	2,600	2,200

Repairs of Stations & Buildings Wages & Materials

Repairs to buildings of every description including station yards & signals & repairing staff quarters.	6,973	7,500	6,500	7,780
Repairs to Staff Quarters	607	800	800	750

Unclassified Expenditure.

Plantation.				
Tools and Plant	368	1,000	1,000	1,100
Miscellaneous	81	500	100	
Loss on stores	1,101		200	500

(Sum Copy) 104,513 108,600 89,300 121,100

for Consulting Engineer for Railway.

1876

South Indian Railway

General Estimate of Revenue Expenditure for 1876-1877

Actuals 1874-75	Budget Estimate 1875-76	Regular Estimate 1875-76	Budget Estimate 1876-77
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Locomotive Expenses

General Superintendence

Salaries of Locomotive Superintendent	11,814	10,200	12,000	13,600
Allowances of do including Travelling Allowance	304	500	600	600
Subordinate Superintendence	17,014	27,000	15,000	44,000
Allowances of do including Travelling Allowance	108	250	100	300
Overtime Allowance	604	700	200	500
Office Expense	7,683	10,300	11,200	15,000

Running Expenses (wages connected with the working of Engines)

Wages of Drivers and Firemen	26,512	50,000	38,550	100,000
Overtime Allowance	6,980	9,000	8,760	10,000
All labour connected with fueling, cleaning, and looking after engines in yard	2,700	8,600	3,170	8,000
Contingent Expenses, including Clothing and Travelling Expenses	489	100	.	100

Fuel

Coal, Coke, Patent fuel and wood	131,993	220,000	135,000	202,000
Water (including wages and stores)	2,251	3,400	3,200	4,300
Oil, Tallow, and other stores (Expended on Engines in work)	4,620	6,100	6,500	7,500

Maintenance & Repairs of Engines and Machinery

Wages	10,574	11,800	10,000	12,000
Overtime Allowances	409	400	800	1,000
Materials	23,805	22,600	41,000	9,000

Unclassified Expenditure Tools and Plant

(Sum Copy)

	650	60	700	
Total	247,865	381,600	249,240	428,000

Approved

By Captain

for Consulting Engineer for Railways

Colonel

South Indian Railway

General Estimate of Revenue Expenditure for 1876-77

Actual Budget Regular Budget
1874-75 Estimate Estimate Estimate
1875-76 1875-76 1876-77

Carrriage and Wagon Expenses

General Superintendence

Salaries of Superintendent and Assistant	2,444	2,500	2,100	2,300
Allowances including travelling	65	200	100	200
Subordinate Superintendence	3,341	9,000	2,400	7,800
Allowances including travelling	39	100	20	100
Per diem allowances	84	100	50	100
Office Expenses	1,485	3,600	1,730	2,600

Repairs & Renewals of Vehicles &c

Machinery

Coaching vehicles	Wages	2,246	2,000	1,300	2,200
	Overhine	165	150	50	100
	Materials	7,557	7,000	2,500	4,000
Goods do	Wages	7,493	5,000	5,900	8,200
	Overhine	153	100	150	300
	Materials	18,792	15,000	5,000	10,000

Cleaning Carrriage & Wagon &c Oiling

Labour including wages of boys, Carrriage- cleaners and Steamers	2,576	3,400	3,800	4,000
Stores including oil, grease and other stores for consumption on running vehicles	2,593	3,500	4,000	5,000

Unclassified Expenditure

Tools and Plant	650			600
Loss on stores	366			

(From Copy)

50,017 52,300 29,100 47,500

Approved

for Consulting Engineer for Railways

South Indian Railway

General Estimate of Revenue Expenditure for 1876-1877

Actual Budget Regular Budget
 1874-1875 Estimate Estimate
 1875-76 1875-1876 1876-1877

<u>Traffic Expenses</u>				
Salaries, Wages, and General Superintendence	8,312	15,750	10,000	20,630
Traffic Manager and District Super	1,936	7,000	2,500	7,800
Office Establishment	1,200	2,200	1,500	3,360
Travelling Allowances		100	100	100
Contingencies				
Station Staff	31,735	16,000	50,000	99,050
Station Master, Clerk, Porter &c				
Train Staff	1,863	13,650	9,000	19,200
Guards and Assistant Guards	183	300	250	300
Quarter Allowances				
Fuel, Lighting, Water and General Store	2,427	7,800	7,000	14,860
Rights, General Stores &c for carriage	30	1,000	150	1,000
Wagon covers Repairs &c	219	2,000	500	1,000
Office and Station fittings & furniture				
Clothing		4,000	2,000	4,000
For Guards Porters &c		12,000	10,000	26,500
Printing Stationery and Light	5,260	1,700	600	1,700
Miscellaneous Expenses	514			
Payments to other Lines	15,065	10,000	15,000	15,000
Mileage of foreign stock	12,609	13,500	15,500	15,000
Expenses of Joint Station (Road) including	66,422	159,100	124,100	229,500

/Suo Cops/

W. C. C. C.

for Consulting Engineer for Railways

20/10/01

South Indian Railway

General Estimate of Revenue Expenditure for 1876-1877

Actual Budget Regular Budget
 1874-75 Estimate Estimate
 1875-76 1876-77 1876-77

General Charges

Some Expenditure

Director and Secretary

Auditors and Accountants

Consulting Engineer and Inspector of
 Loco and Rolling Stock Expenses.

Salaries of Indian Management

Inclusive Offices

Am'ts of office, including Audit Accounts
 - Loco Dept.

Medical dep.

Cost of buildings and Land

Contingencies including furniture

Stationery

Medicines

Advertising

Electric Telegraph.

Salaries of Superintendent and Subordinate

Signaller

Office Expenses Contingencies

Maintenance of Loco and Rolling Stock

Unclassified Expenditure

10488 21,530 12,000 20,000

35726 76,500 40,000 48,000

22 100 100 100

631 2,000 1,000 2,000

1077 2,000 2,000 2,000

88 200 200 200

286 500 600 1,000

" 2,000 1,000 2,400

5895 23,900 10,000 26,400

1046 3,700 2,000 4,000

282 500 500 500

1,007 500 500 500

53,928 133,400 69,900 104,100

[True Copy]

W. S. S. S.

R. S. S.

for Cons Engineer for Railways

28/10/76

South Indian Railway

General Estimate of Revenue Expenditure for 1876-1877

Actual Budget Regular Budget
 1874-1875 1875-1876 1876-1877 1876-1877

Special and Miscellaneous Expenditure

Law charges—	534	600	100	500
Compensation for goods lost or damaged	125	500	500	500
Rates and Taxes.	2043	5000	3000	5000
Contributions to the Government	5,000	10,000	"	"
	7,702	16,000	3,600	6,000

[True Copy]

Witnessed R. R. Captain
 for Consulting Engineer for Railways.

Revised

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Notes on the Administrative Estimates of the South Indian Railway for 1875-76 and 1876-77

Debit on Capital Account
Regular Estimate: 1875-76

1. The amounts entered by the Railway Com-
 -pany when a decrease was compared with the
 Revised sanctioned Budget under both Ex-
 -penditure and Receipts, the figures being
 as follows:

	Sanctioned Budget Estimate	Regular Estimate
Expenditure	36,00,000	30,90,849
Receipts	4,30,000	2,70,000
Net Cash demands	31,70,000	28,20,849

The figures now given are the result of a
 discussion of the estimates at Trichinopoly last
 week, and differ considerably from those at
 first entered. Some further alterations are
 however recommended.

2. Engineering. The amount set down under
 sanctioned works was thus arrived at:

(cash)

Costs remitted to Engineers upto
24th December 1975. 17,79,535
Estimate of further expenditure
during the year. 5,32,185

Chief Engineer's Office Establishment 1,00,000
Workshop and Stores, Trichinopoly 17,280
educt Establishment as per
Schedule D. 5,00,000
Rs 24,20,000
Rs 19,30,000

Unsanctioned works are entered at Rs 1,11,521;
but the provision for the conversion of
the Arcconum - Tronjeveram section may
be transferred to the following year, and
that for the works at Trichinopoly junc -
tion be reduced to Rs 20,000. The salt
siding at Dindigul is entered under
Schedule A.

3. The effect of these alterations will be
to reduce the total estimated outlay to
Rs 32,69,328; but, judging from the with-
drawals up to date, it seems probable that

Rs
23,60,849
91,521
Rs 32,69,328

* Rs 30,50,000

the total expenditure will not reach this
amount, and that the figures entered in the
Financial estimates forwarded with this
Office letter of Rs 32,69,328 will
be nearer the mark. In order to arrive
at this amount, it is recommended that a
further reduction of Rs 1,70,000 be made in
Engineering, Schedule A, and of Rs 50,000 in
Stores, Schedule B. It does not appear
feasible to make any reduction under Co-
motive and establishments.

4. Reunds. Rs 2,70,000. No allowance has
been made for receipts from the sale of
broad gauge rolling stock; but this has
now been valued, and will, it is hoped,
be disposed of shortly to the Director of
State Railways. The total value of the
stock for sale is about Rs 2,00,000.

5. With regard to Engineering expendi-
ture, it will be observed that the sanc-
tioned estimates for the Northern Eastern
-sion are likely to be considerably exceeded,
and this is owing chiefly to the increased
depths of foundations in small and large
bridges,

bridges, to some increase of waterway, and to the amounts provided for rolling stock and stations being found insufficient. Revised estimates for the railways - Andulakere section have been received in this office, but are detained pending the submission of the station plans, and in some further information regarding bridges and waterways. Doubt still exists as to the best mode of dealing with the Panar Bridge, which has been the subject of long-continued inquiry and discussion. It is hoped that these estimates will soon be ready for submission to Government.

Budget estimate 1876-77

b. Engineering. The amount entered against unsanctioned works is thus arrived at:

Northern Extension	Rs. 14,00,000
Southern "do"	3,00,000
	<u>Rs. 17,00,000</u>

The only works which it seems necessary to

to enter under Schedule B are the following:	
Works at Trichinopoly Junction	Rs. 15,699
Palt siding at Tuticorin	15,912
Chingleput to Conjevaram section	1,00,000
Arconum to Conjevaram connection	69,764
Pondicherry branch	92,383
Neddamungalam station	20,000
General stores building - Nagapattam	30,000
Bridge 14 th mile Conjevaram branch	6,242
	<u>Rs. 50,000</u>

It is doubtful, however, whether the Pondicherry branch will be undertaken during the ensuing year, while it is also probable that sanction to the Chingleput-Conjevaram section will not be obtained sufficiently early to admit of any large expenditure being incurred. The information required for again laying the matter before the Secretary of State has just been received from the Agent, and will be submitted to Government in a few days.

Locomotive. The amount entered against unsanctioned works will be required for reworking the line from Arconum to Conjevaram, in the event of this being converted to

to the metre gauge. This amount of stock will suffice to work the branch up to Chinghaput.

Establishments It is thought that some reduction may be made in the amount here entered, and Rs. 5,50,000 will probably be found sufficient.

7. With the modifications already suggested, the estimated expenditures for 1876-77 will be as follows.

<u>Engineering</u>	
Sanctioned Works	17,00,000
Unsanctioned do	3,50,000
<u>Locomotive</u>	
Sanctioned Works	67,703
Unsanctioned do	13,347
<u>Establishments</u>	5,50,000
<u>Stores</u>	6,50,000
	<u>33,33,050</u>

It is not probable, however, that the total expenditure will exceed that of the current year, and in the financial estimates it has been put down at Rs. 30,20,000. To arrive

at

at this amount it is proposed to deduct Rs. 1,30,000 from Engineering Schedule A, Rs. 1,00,000 from Engineering Schedule B, and Rs. 50,000 from Stores.

8. If the recommendations herein made be accepted, the estimates of cash expenditure in India will be as follows:

	Regular Estimate 1875-76	Budget Estimate 1876-77
Engineering. Sanctioned works	17,60,000	15,70,000
do Unsanctioned do	20,000	2,20,000
Locomotive Sanctioned works	70,000	69,703
do Unsanctioned do		13,347
	5,50,000	5,50,000
<u>Establishments</u>	<u>6,50,000</u>	<u>6,00,000</u>
<u>Stores</u>	<u>30,50,000</u>	<u>30,23,050</u>
	2,70,000	4,23,050
<u>Receipts</u>	<u>27,80,000</u>	<u>26,00,000</u>
<u>Net Cash demands</u>		

9. With reference to the remarks of the Government of India that, when the Agents' figures are expected to exceed the actuals, reductions

* If the available rolling-stock be disposed of, some addition will be necessary under the head of "Receipts"

reductions should be made from specific works in the Budget; it is to be observed that this was done as far as possible in the preparation of the estimates, but from each department allowing a small margin to work upon, the grand total thus arrived at generally exceeds the actual expenditure, and it seems necessary to allow some latitude to heads of departments in order to avoid the necessity for too frequent transfers of allotments. It is believed that the totals, as now recommended for sanction, will prove to be fair approximations, although there would be some difficulty in specifying the particular works in which the expenditure will fall short of the Agents' estimates.

Revenue Account

Regular Estimate 1875-76.

10. The figures now submitted differ widely from those entered in the Budget estimate framed last year. This is due to the new line having been opened to traffic much later than was anticipated; the mean mileage assumed in the note on the Budget being 353, as against an average of 272 miles actually worked. The figures are as follow:-

	Budget Estimate	Regular Estimate
Receipts	17,00,000	12,10,000
Expenditure	8,50,000	5,65,240
Profits	8,50,000	6,44,760

11. Decem is entered at Rs 9,36,200, but it is thought that the following reductions may be made, partly on account of the smaller mileage allowed to up to and partly from items of the estimate being over estimated. In Locomotive expenses, - subordinate superintendence from Rs 44,000 to Rs 20,000, and wages of Drivers and Firemen from Rs 1,00,000 to Rs 47,400, and no alteration the total will be reduced from estimate of Rs 11,28,000 to Rs 8,11,400. In Station expenses - station staff from Rs 99,050 to Rs 50,700. In 12 Receipts - Rs 14,860 to Rs 11,000, and in addition that when the total will stand at Rs 8,11,400.

13. Expenditure - The total expenditure is entered at Rs 9,36,200, but it is thought that the following reductions may be made, partly on account of the smaller mileage allowed to up to and partly from items of the estimate being over estimated. In Locomotive expenses, - subordinate superintendence from Rs 44,000 to Rs 20,000, and wages of Drivers and Firemen from Rs 1,00,000 to Rs 47,400, and no alteration the total will be reduced from estimate of Rs 11,28,000 to Rs 8,11,400. In Station expenses - station staff from Rs 99,050 to Rs 50,700. In 12 Receipts - Rs 14,860 to Rs 11,000, and in addition that when the total will stand at Rs 8,11,400.

14. With the foregoing modifications, the estimates of Revenue expenditure will stand as follows:-

	Regular estimate 1875-76.	Budget estimate 1876-77.
Maintenance	89,300	1,21,000
Locomotive	2,49,240	3,81,400
Carriage & wagons	29,100	47,500
Traffic	1,24,100	2,00,000
General charges	69,900	94,100
Special & Miscellaneous	3,600	6,000
Total	5,65,240	8,50,000

15. The Revenue estimates, as recommended for sanction, may be thus summarised:-

red
11. The receipts up to 31st is.
the December last were approximately
for Rs 8,00,000, and it is thought
des that the amount entered by the
up Agent will not be quite worked
ex up to. It is proposed to substi-
ne tute Rs 11,84,000, arrived at as
de follows:-
for

Actuals for 1874-'75 9,60,000

Add for 86 miles at

Rs 60 p mile p week } 2,24,000

Rupees 11,84,000

no alteration is recommended in the
estimate of expenditure.

Budget estimate 1876-'77.

12 Receipts- The receipts have
been calculated on the suppo-
sition that the average mileage
worked

worked will be 486; but, judging
from the dates for opening
the Northern Extension last given
by the Chief Engineer; it is not
considered safe to reckon on
more than 460 miles. The
receipts per mile on the new
line already opened should in-
crease somewhat during the next
official year, and it is thought
that the average receipts on the ex-
tension may be taken at Rs 60 per
mile per week. The estimate would
then be as follows:-

For 186 miles of old line
as per actuals 1874-'75 } 9,60,000

For 274 miles of new line
at Rs 60 p mile p week } 8,55,000

Total receipts Rs 18,15,000

13. Expenditure— The total expenditure is entered at Rs 9,36,200, but it is thought that the following reductions may be made, partly on account of the smaller mileage allowed for, and partly from some of the items being over estimated. — In Locomotive expenses, — subordinate superintendence from Rs 44,000, to Rs 30,000, and wages of Drivers and Firemen from Rs 1,00,000 to Rs 67,400; when the total will be reduced from Rs 4,28,000 to Rs 3,81,400 — In Traff. & exp. expenses — station staff from Rs 99,050 to Rs 88,910, lights, &c., from Rs 14,860 to Rs 10,000, and Printing, &c., from Rs 26,500 to Rs 12,000; when the total will stand at

Rs 9,36,200

Rupus 2,00,000. General charges from Rs 1,04,800 to Rs 94,100 (Rs 5,000 being taken from items 1 and 2).
14. With the foregoing modifications, the estimates of Revenue expenditure will stand as follows—

	Regular estimate 1875-76.	Budget estimate 1876-77.
Maintenance	89,300	1,21,000
Locomotive	2,49,240	3,81,400
Carriage & wagon	29,100	47,500
Traffic	1,24,100	2,00,000
General charges	69,900	94,100
Special & Miscellaneous	3,600	6,000
Total	5,65,240	8,50,000

15. The Revenue estimates, as recommended for sanction, may be thus summarised:—

Summarised:—

Regular Estimate Budget Estimate

1875-76 1876-77

to to

Receipts 17,84,775 18,15,000

Expenditure 2,65,240 2,52,000

Profits 6,18,762 9,65,000

Percentage borne by

expenses to receipts } 47.7 46.8

Wm. Stewart & Co. Ltd.

Gen. Engrs. Railway

1875-76 1876-77

1875-76 1876-77

1875-76 1876-77

1875-76 1876-77

1875-76 1876-77

1875-76 1876-77

4020-~~Jan~~ 2/5 No 167
1st March - 582A.

P. W. 18/6 Dept
No 653.

Recd 20 Jan 1/76

From
The Comg. Engrs
for Ryls.

Dated 26th Jan 1876
Recd 26th Jan 1876
No 50 2-2A

Submit the Regular
Est. for 1875-76, and the
Budget Est. for 1876-77
of the South Indian
Railway.

1/53/76

Pro: 29th Jan 76 B N 533

Cir 27-1-76-

Public Works Dept
No 25
Proceedings of the Madras Government
Under date the 29 Jan 76
Read the following
From
The Comg. Engrs for
Railways } (P. W. 18/6 Dept)

With the latter
enclosed above the Comg.
submitting Regular forward
the Regular Estimate
of the South Indian
Railway for the current
year and the Budget
Estimate for 1876-77.
The time fixed for their
submission to the Govt
of India has been
greatly

greatly exceeded; the delay being attributed to exceptional causes which are not likely to arise again. It is accordingly hoped that in future strict punctuality will be maintained.

Capital Transactions

The Regular Estimate falls short of figures finally shaped as the Budget Estimate of the current year, both under Receipts and Expenditure. The Consulting Engineer explains in his Note how these results have been arrived at. The following statement

compares

compares the figures of the Budget Estimate for 1876-77 with those of the Regular and Budget Estimates of the current year.

	Sanctioned Budget 1875-76	Regular Estimate 1875-76	Budget Estimate 1876-77
Engineering Sanctioned Works—	1789,514	170,000	1570,000
—do—Unsanctioned—do—	536,935	30,000	32,100
Locomotive Sanctioned—do—	755,421	70,000	69,702
—do—Unsanctioned—do—	"	"	13,347
Establishments—	528,127	50,000	55,000
Stores—	550,000	650,000	600,000
	3,600,000	3,650,000	3,223,850
Receipts—	4,30,000	270,000	4,23,050
Net Cash demands—	3,170,000	2,780,000	2,600,000

These figures have been adopted after personal discussion at a Meeting held for the purpose, and as they appear to

be

be well considered, they
are accepted.

In their review of
the Estimates for the present
year the Govt of India
desired that reductions of
expenditure which may be
considered necessary after
the Budgets had been
prepared should be shown
against specific works
in the Schedules of the
Administrative Budget.

The Consulting Engineer
however explains that this
has not been found prac-
ticable in all cases. His
remarks on this head
will be submitted for the
consideration

consideration of the Govt
of India.

It is observed that
the estimates for the Northern
Extension are likely to prove
insufficient; some increase
of waterway being found
to be necessary, as well
as greater depths of
foundations of bridges.
Additional outlay on Rolling
Stock and Stations is also
stated to be required.
Revised Estimates and
tracing these expenses
will be awaited.

Revenue Transactions
The Regular Estimates
of Receipts is much
below

before the annual budget
 for the expenditure also
 being left. The forecasts
 have been disarranged by
 the late date at which
 sections of the line were
 opened for traffic. During
 the ensuing year it is
 assumed that the average
 mileage worked will be
 250, of which the mileage
 of the main line will be
 200. Proceeding on this
 basis, and taking Rs. 20
 as the average receipts
 per mile per week on the
 extensions the total
 Receipts will amount to
 Rs. 18,15,000.

The following statement
 shows

shows the Regular and
 Budget Estimates of
 Receipts and Expenditure
 recommended for adoption
 as compared with the
 Budget Estimate of the
 current year.

	Sanctioned Budget 1875-76 + 1/4	Regular Estimate 1876-76 + 1/4	Budget Estimate 1876-76 + 1/4
Maintenance	1,05,600	89,300	1,24,000
Locomotive	3,81,600	2,49,240	3,81,400
Carriage and Wagon	52,300	29,100	47,500
Traffic	1,58,100	1,24,100	2,00,000
General Charges	1,33,400	67,900	94,100
Special & Miscellaneous	10,000	3,000	0,000
	8,50,100	5,65,240	8,50,000
Receipts	17,00,000	11,54,000	18,15,000
Profits	8,50,000	6,18,760	9,65,000

The Budgets will be
 despatched to the Govt.
 of India in Manuscript
 in the first instance to
 avoid

would delay in printing.
After being put into type
the Proofs will be
forwarded to the Comptroller
Enquirer for correction

(H.E. Docket No. 251 of 29 Jan 76)

No 251

Copy of the above
forwarded to the Govt
of India.

MMW

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