Public Works (1897) Department.

G.O., No. 273-4R

DATED 22nd April 1897

Printed Emergent

100 new Budget allotment

Despatch Abstract.

Budget Estimates

ordered that the final issue of the Capital & Revenue revised —— of the Madras Railway for 1896-97 and 1897-98 be forwarded to the Govt. of India.

Budget Estimates

Forwarding the final issue of the Capital & Revenue revised —— of the Madras Railway for 1896-97 and 1897-98.

Indexed 27/4/97

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	

RAILWAY.

Government {1897} of Madras.

PUBLIC WORKS.

Recd. } 1897. *Enclosures*

Regd. *Spare copies*

G.O., No. 273 R., 22nd April 1897.

APRIL.

Budget Estimates

Ordered that the final issue of the Capital and Revenue revised and — of the Madras Railway for 1896–97 and 1897–98, be forwarded to the Government of India.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper:—

Final issue of the Capital and Revenue revised and budget estimates of the Madras Railway for the years 1896–97 and 1897–98.

ORDER—No. 273 R., dated 22nd April 1897.

Ordered that the final issue of the Capital and Revenue revised and budget estimates of the Madras Railway for the years 1896–97 and 1897–98, be forwarded to the Government of India.

[Here enter No. 274 R., dated 22nd April 1897.]

(True Extract.)

(Signed) F. J. E. SPRING,
Offg. Joint Secy. to Govt.,
Railway Branch.

To the Agent and Manager, Madras Railway.
„ Examiner, Railway Accounts, Madras.

Exd. Shaik Karim.

FINAL ISSUE.

BUDGET ESTIMATE

OF THE

MADRAS RAILWAY

FOR THE YEAR

1897-98.

CAPITAL ACCOUNT.

ABSTRACT of the ESTIMATED CASH EXPENDITURE on the MADRAS RAILWAY for the official year 1897–98.

Particulars.	Actuals for 1895–96.	Budget estimate for 1896–97.	Revised estimate for 1896–97.	Budget estimate for 1897–98.
INDIAN.	RS.	RS.	RS.	RS.
CAPITAL OUTLAY.				
Engineering Department.				
Sanctioned works as per schedule A		2,39,075	1,81,398	1,36,752
Works to be sanctioned do. B		3,13,885	...	3,73,074
Emergent works do. D		...	...	...
Locomotive Department.				
Sanctioned works as per schedule A	1,81,883	2,980	11,841	2,028
Works to be sanctioned do. B		1,500	...	4,296
Carriage and Wagon Department.				
Sanctioned works as per schedule A		40,003	26,675	24,380
Works to be sanctioned do. B		10,780	5,664	61,963
General.				
Establishment	...	...	...	...
Stores as per schedule E	17,48,205	16,51,777	18,99,422	18,97,507
Miscellaneous	2,902	5,000	5,000	5,000
Suspense miscellaneous	2,96,513	35,000	2,20,000	2,20,000
Increase or decrease of balance of Capital Advance Account	19,447	...	...	...
Total withdrawals on Capital Account ...	22,48,950	23,00,000	23,50,000	27,25,000
Receipts to be credited to Capital Account.				
Share capital paid in India	...	...	...	...
Refunds for stores sold to Revenue, &c. ...	24,43,055	21,00,000	24,50,000	25,00,000
Other refunds—				
Home expenditure, &c.	2,46,396	5,00,000	2,00,000	2,00,000
Total Payments on Capital Account ...	26,89,451	26,00,000	26,50,000	27,00,000
Net cash demand in India on Capital Account ...	**4,40,501**	**3,00,000**	**3,00,000**	25,000
ENGLAND.				
Purchase of Stores.				
Indents to be sent home during the year ...	...	9,50,000	6,90,291	9,38,000
Previous indents to be complied with	...	3,00,000	4,36,096	3,52,023
Total ...	...	12,50,000	11,26,387	12,90,023
Deduct for indents estimated to be complied with in the following year	...	5,25,818	3,52,023	2,07,205
Total Outlay for Stores ...	6,27,607	7,24,182	7,74,364	10,82,818
Home Expenditure and Payments.				
Home expenditure	1,02,348	89,454	84,000	79,636
Furlough and sick leave allowances		10,909	5,454	4,364
Family and sundry payments less receipts ...		41,455	38,182	* 26,182
Total, Home Expenditure and Payments ...	1,02,348	1,41,818	1,27,636	1,10,182
Total, Cash Demand in England ...	7,29,955	8,66,000	9,02,000	11,93,000

* The reduction in the estimated family and sundry payments, &c., in 1897-98 is principally due to reduced payments to be made on account of Messrs. Stoney, Winter and Byron.

REVENUE ACCOUNT.

ABSTRACT of ESTIMATED REVENUE RECEIPTS and EXPENDITURE of the MADRAS RAILWAY for the official year 1897–98.

Particulars.	Actuals for 1895–96.	Budget estimate for 1896–97.	Revised estimate for 1896–97.	Budget estimate for 1897–98.
RECEIPTS AS PER SCHEDULE F.	RS.	RS.	RS.	RS.
Coaching traffic	47,38,352	47,25,000	46,20,000	46,00,000
Goods do.	61,21,191	64,95,000	61,00,000	61,20,000
Electric Telegraph earnings	20,302	20,000	20,000	20,000
Sundries	1,63,443	1,60,000	1,60,000	1,60,000
Total (1) ...	1,10,43,288	1,14,00,000	1,09,00,000	1,09,00,000
Receipts on account of traffic appertaining to other lines	16,25,060	15,00,000	16,00,000	16,00,000
Receipts from Capital Account other than traffic earnings				
Receipts from foreign lines other than traffic earnings				
Other abnormal receipts in detail or as per schedule attached	...	...	...	...
Total Payments into Treasury on Revenue Account (2) ...	1,26,68,348	1,29,00,000	1,25,00,000	1,25,00,000
EXPENDITURE AS PER SCHEDULE G.				
Maintenance of way, works and stations ...	11,61,452	12,05,000	12,28,700	13,31,100
Locomotive expenses	20,70,377	20,98,500	21,05,900	20,87,400
Carriage and wagon expenses	5,70,423	5,78,500	6,36,000	6,37,900
Traffic expenses	8,37,851	8,69,500	8,50,400	8,37,500
General charges	5,73,511	6,15,500	5,89,500	6,08,400
Special and miscellaneous expenditure ...	91,583	1,03,000	89,500	97,700
Total (3) ...	53,05,197	54,70,000	55,00,000	56,00,000
Payments to other lines of their proportion of through traffic, &c.	14,89,937	15,00,000	16,00,000	16,00,000
Payments to Capital Account other than for stores, &c., included in the working expenses in schedule G				
Other abnormal payments in detail or as per schedule attached	...	...	...	...
Total withdrawals from Treasury on Revenue Account (4) ...	67,95,134	69,70,000	71,00,000	72,00,000
Net earnings (1)—(3) ...	57,38,091	59,30,000	54,00,000	53,00,000
Net receipts (2)—(4) ...	58,73,214	59,30,000	54,00,000	53,00,000
Surplus profits Company's share ...	51,771	79,000	1,960	...
Contribution to Provident institution	9,517	15,000	40	...

CAPITAL.

SCHEDULE A OR CONSTRUCTION WORKS—PART I.

Budget Estimate of Sanctioned Works of the Madras Railway for the official year 1897-98.

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.	Actual expenditure up to close of official year 1895-96. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1896-97. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1897-98. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
			ENGINEERING DEPARTMENT.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
			Bridgework.														
1	G.O., No. 57 R. 22nd Jan. 1896. M.O.M. .. 2nd Dec. ,, M.O.M. .. 26th Mar. 1897.		Strengthening the girders of bridge at 107/10-11 miles, North-west line.	2,588	3,754	6,342	..	3,790	3,790	2,480	..	2,480	..	..	..	..	
2	G.O., No. 132 R. 17th Feb. 1896. M.O.M. .. 30th Sept. ,,		Converting the 30-feet arch bridge at 168/10 miles, Bangalore branch, into a girder opening.	5,450	2,379	7,829	..	..	..	1,000	1,500	2,500	4,450	879	5,329	..	
			Stations and Buildings.														
			Ráyapuram.														
3	G.O., No. 24 R. 17th Jan. 1895. G.O., No. 646 R. 29th July 1896. M.O.M. .. 30th Sept. ,,		Ticket printing office at Ráyapuram ..	5,023	4,437	9,460	5,023	4,316	9,339	..	121	121	..	..	..	..	
			Washermanpet.														
4	G.O., No. 23 R. 17th Jan. 1895. C.E. No. 3169. 7th Oct. 1896. M.O.M. .. 28th ,, ,,		Alterations, &c., at Washermanpet station and extension of Ennore branch to Ráyapuram.	9,723	14,340	24,063	9,684	14,304	23,988	39	36	75	..	..	..	..	
5	G.O., No. 331 R. 6th May 1895. M.O.M. .. 26th June 1896.		Through siding at Washermanpet ..	3,879	7,191	11,070	2,575	3,185	5,760	1,123	4,187	5,310	..	..	..	..	
6	G.O., No. 317 R. 4th April ,, C.E. No. 1071. Do.		Do. do. ..	5,826	7,445	13,271	..	..	..	5,826	7,445	13,271	..	..	..	..	
7	G.O., No. 56 R. 26th Jan. 1897.		Extension of the through siding for the Ennore line at Washermanpet.	3,187	3,348	6,535	..	..	..	..	..	..	3,187	3,348	6,535	..	
			Central Station.														
8	G.I. No. 450 R.S. 20th Dec. 1893. G.O., No. 3A R. 8th Jan. 1894. M.O.M. .. 24th Jan. 1896. G.O., No. 102 R. 13th Feb. 1897. G.I. No. 55 R.S. 2nd ,, ,,		Shed for making gas at Central station ..	4,366	3,717	8,083	4,265	3,662	7,927	101	55	156	..	..	..	..	
			Perambúr.														
9	G.O., No. 129 R. 2nd Mar. 1894. C.E. No. 914. 29th Nov. 1893. M.O.M. .. 27th Mar. 1896.		Church at Perambúr	5,931	1,609	7,540	2,255	655	2,910	3,600	2,426	6,026	..	..	..	..	
			Perambúr Works.														
10	G.O., No. 2153 R. 18th Sept. 1891. M.O.M. .. 27th Aug. 1896.		Bungalow for Deputy Locomotive Superintendent at Perambúr Works.	6,651	4,639	11,290	6,154	4,639	10,793	497	..	497	..	..	..	..	
11	G.O., No. 540 R. 22nd Aug. 1895. G.O., No. 62 R. 28th Jan. 1897. M.O.M. .. 26th Feb. ,,		Billiard room for Institute at Perambúr Works.	4,772	4,316	9,088	3,147	2,948	6,095	1,625	1,368	2,993	..	..	..	..	
12	G.O., No. 363 R. 21st May 1895. M.O.M. .. 26th June 1896.		Bungalow for the Second Assistant Locomotive Superintendent at Perambúr Works.	4,794	3,404	8,198	..	..	..	3,800	219	4,019	1,581	4,000	5,581	..	Revised estimate for Rs. 9,600 has been sent for sanction.
13	G.O., No. 564 R. 4th Sept. 1895. M.O.M. .. 28th Feb. 1896. M.O.M. .. 27th Mar. ,,		Extension of line across tank into timber yard at Perambúr Works.	8,085	3,367	11,452	8,094	927	9,021	415	2,629	3,044	..	..	..	..	
14	G.I. No. 104 R.C. 27th Jan. ,, G.O., No. 117 R. 13th Feb. ,,		Extension of the erecting shed, Foreman's office and tool stores at Perambúr Works.	20,211	17,335	37,546	..	..	..	10,000	8,000	18,000	10,211	9,335	19,546	..	
15	G.O., No. 421 R. 4th May ,,		Additional shed for stabling of His Excellency the Governor's saloons at Perambúr Works.	513	4,624	5,137	..	..	..	642	3,000	3,642	..	1,495	1,495	..	
			Tiruvallúr.														
16	G.O., No. 434 R. 13th May 1896.		Alterations and additions to the station-house at Tiruvallúr.	6,230	1,012	7,242	..	..	..	5,000	2,000	7,000	242	..	242	..	
			Jalarpet.														
17	G.O., No. 899 R. 24th Dec. 1895.		Assistant Traffic Manager's bungalow at Jalarpet.	5,843	4,255	10,098	28	50	78	6,049	4,650	10,699	..	..	..	..	
18	G.O., No 23 R. 9th Jan. 1896.		Assistant Traffic Manager's office at Jalarpet.	3,906	2,193	6,099	433	4	437	3,535	2,830	6,365	..	..	..	..	
19	G.O., No. 23 R. 9th ,, ,,		Converting the Assistant Traffic Manager's bungalow into an Institute at Jalarpet.	3,277	3,196	6,473	..	..	..	277	1,196	1,473	3,000	2,000	5,000	..	
20	G.O., No. 4 R. 4th Jan. 1897.		Additional water-supply at Jalarpet ..	6,572	4,322	10,894	..	..	..	1,000	1,000	2,000	5,572	3,322	8,894	..	

Budget Estimate of Sanctioned Works of the Madras Railway for the official year 1897-98—*cont.*

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Amount of estimate. Value of stores.	Amount of estimate. Total expenditure.	Actual expenditure up to close of official year 1895-96. Cash outlay in India.	Actual expenditure up to close of official year 1895-96. Value of stores.	Actual expenditure up to close of official year 1895-96. Total.	Probable expenditure during 1896-97. Cash outlay in India.	Probable expenditure during 1896-97. Value of stores.	Probable expenditure during 1896-97. Total.	Budget estimate of expenditure for official year 1897-98. Cash outlay in India.	Budget estimate of expenditure for official year 1897-98. Value of stores.	Budget estimate of expenditure for official year 1897-98. Total.	Estimated expenditure in future years.	Remarks.
			ENGINEERING DEPARTMENT—*cont.*														
			Stations and Buildings—cont.														
			Gudupalli.														
21	G.O., No. 527 R. M.O.M. .. 27th Jan. 1897.	20th Aug. 1895.	Station-house at Gudupalli	4,057	2,013	6,070	1,423	1,441	2,864	1,954	571	2,525	..	..	..	..	
			Bisanattam.														
22	G.O., No. 494 R. M.O.M. .. M.O M. .. 27th Jan. 1897.	3rd Aug. 1895. 26th June 1896.	Through siding at Bisanattam ..	2,484	6,299	8,783	790	194	984	1,141	5,189	6,330	..	..	..	..	
			Bowringpet.														
23	G.I. No. 719 R.C. G.O., No. 436 R. C.E. No. 199 .. M.O.M .. M.O.M. ..	31st July 1894. 15th Aug. ,, 19th Jan. 1895. 28th Feb. 1896. 26th Mar. 1897.	Alterations and additions consequent on junction of Kolar Gold Fields Railway with the Madras Railway at Bowringpet.	34,995	43,316	78,311	32,193	42,804	74,997	476	732	1,208	..	..	..	..	
			Whitefield (Watering Station).														
24	G.O., No. 964 R.	14th Nov. 1896.	Water from nullah at 203/14 miles, Bangalore branch.	3,105	14,873	17,978	..	..	..	1,105	2,000	3,105	2,000	12,873	14,873	..	
			Bangalore City.														
25	G.I. No. 94 R.C. G.O., No. 81 R. C.E. No. 3061. M.O.M. .. G.I. No. 1340 R.C.	30th Jan. 1894. 6th Feb. ,, 30th Sept. 1895. 30th ,, 1896. 8th ,, ,,	Alterations and additions to station-house, platform, &c., at Bangalore City.	2,19,939	1,74,413	3,94,352	1,16,323	66,901	1,83,224	40,000	50,000	90,000	63,616	57,512	1,21,128	..	
26	C.E. No. 3326. M O.M. ..	21st Oct. 1895. 26th May 1893.	Purchasing Locomotive Foreman's bungalow at Bangalore City.	10,000	..	10,000	..	..	..	..	..	..	10,000	..	10,000	..	
			Pódanúr.														
27	G.O., No. 557 R. M.O.M. ..	29th Aug. 1895. 30th Sept. 1896.	Watering arrangements at Pódanúr (from Noyil river).	2,477	5,341	7,818	2,303	4,280	6,583	174	691	865	..	..	..	..	
28	G.O., No. 137 R.	18th Feb. ,,	Alterations and additions to station-house at Pódanúr.	9,749	6,814	16,563	..	..	..	8,741	7,822	16,563	..	..	..	..	
29	G.O., No. 1063 R.	19th Dec. ,,	Proposed Institute at Pódanúr	3,812	3,270	7,082	..	..	..	500	500	1,000	3,312	2,770	6,082	..	
			Méttupálaiyam.														
30	G.O., No. 2675 R. C.E. No. 1062. M.O.M. ..	11th Nov. 1892. 5th Dec. ,, 24th Jan. 1896.	Alterations and additions in connection with the junction of the Nilgiri Railway with the Madras Railway at Méttupálaiyam.	14,972	7,791	22,763	12,646	8,099	20,745	..	1,075	1,075	943	..	943	..	
			Nagari.														
31	G.O., No. 522 R. M.O.M. ..	15th Aug. 1895. 29th May 1896.	Interlocking points and signals at Nagari.	115	9,177	9,292	..	5,055	5,055	80	3,122	3,202	35	1,000	1,035	..	
			Nandalúru.														
32	G.I. No. 21 R.C. G.O., No. 46 R.	7th Jan. 1896. 15th ,, ,,	Conversion of Nandalúru into an engine-changing station.	27,113	16,576	43,689	1,651	1,535	3,186	23,462	9,000	32,462	2,000	6,041	8,041	..	
33	G.O., No. 925 R.	27th Oct. ,,	Watering arrangements at Nandalúru ..	4,299	4,867	9,166	..	..	..	1,500	3000	4,500	2,799	1,867	4,666	..	
			Mangapatnam.														
34	G.O., No. 575 R.	2nd July 1896.	Through siding at Mangapatnam ..	2,616	6,245	8,861	..	..	..	2,616	6,245	8,861	..	..	..	..	
			Gooty.														
35	G.O., No. 849 R.	8th Oct. 1896.	Double bungalow for European and East Indian drivers at Gooty.	4,733	1,673	6,406	..	..	..	3,000	1,500	4,500	1,733	173	1,906	..	
36	G.O., No. 48 R.	23rd Jan. 1897.	Assistant Engineer's bungalow at Gooty.	6,169	4,257	10,426	..	..	..	1,743	2,000	3,743	4,426	2,257	6,683	..	
37	G.O., No. 442 R. M.O.M. .. G.O., No. 669 R.	5th July 1895. 30th Sept. 1896. 11th Aug. ,,	Six houses for Native Assistant Station-masters on South-west and North-west lines.	3,323	3,290	6,613	3,322	3,290	6,612	1	..	1	..	..	..	..	
38	G.O., No. 403 R. G.O., No. 516 R. C.E. No. 2273. M.O.M. .. M.O.M. ..	12th June 1895. 11th Aug. ,, 15th July ,, 28th Feb. 1896. 27th Aug. ,,	Twenty-five houses for subordinate staff (Traffic Department), South-west line.	4,049	3,200	7,249	3,560	3,132	6,692	489	68	557	..	..	..	..	
39	G.O., No. 754 R.	7th Sept. ,,	Nineteen houses for the use of the subordinate staff (Traffic Department), South-west line.	3,470	1,736	5,206	..	..	..	3,470	1,736	5,206	..	..	..	..	
40	G.O., No. 392 R.	27th April ,,	Five houses for Native Station and Assistant Stationmasters on the South-west and North-west lines.	3,102	2,063	5,165	..	..	..	3,102	2,063	5,165	..	..	..	..	

Budget Estimate of Sanctioned Works of the Madras Railway for the official year 1897-98—*cont.*

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.	Actual expenditure up to close of official year 1895-96. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1896-97. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1897-98. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
			ENGINEERING DEPARTMENT—*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
			Stations and Buildings—cont.														
			Gooty—*cont.*														
41	G.O., No. 694 R.	19th Oct. 1895.	Altering the distant signals on the Madras Railway.	2,877	2,603	5,480	..	9	9	2,000	3,480	5,480	..	..	..	..	
	M.O.M. ..	29th May 1896.															
42	G.O., No. 208 R.	26th Mar. 1897.	Alteration of home signals so that their arms will fly to danger on any connection breaking South-west and North-west lines.	4,185	4,340	8,525	..	..	..	..	..	..	4,185	4,340	8,525	..	
			Electric Telegraph.														
43	G.O., No. 798 R.	25th July 1889	Revised estimate for the extension of the block system and the introduction of starting semaphore signals, &c., South-west and North-west lines including additional stations.	64,943	1,01,818	1,66,761	62,583	98,292	1,60,875	2,360	1,500	3,860	..	2,026	2,026	..	
	G.I. No. 649 R.C.	9th ,, ,,															
	M.O.M. ..	30th ,, 1896.															
44	G.O., No. 111 R.	1st Feb. 1889.	Single needle instrument, batteries, &c., for trial or additional stations.	4,122	3,588	7,710	1,304	1,635	2,939	872	745	1,617	1,946	1,208	3,154	..	
	M.O.M. ..	28th ,, 1896.															
45	G.O., No. 429 R.	15th Aug. 1894.	Lighting the Arkonam station and yard by electricity.	3,830	12,170	16,000	..	..	..	2,870	9,130	12,000	960	3,040	4,000	..	
	M.O.M. ..	30th July 1896.	Sanctioned minor works as per Schedule C.	58,120	74,895	1,33,015	11,980	16,481	28,461	32,733	36,874	69,607	10,554	18,645	29,199	..	
			Total, Engineering Department ..	6,19,483	6,17,511	12,36,994	2,91,736	2,91,628	5,83,364	1,81,398	1,91,705	3,73,103	1,36,752	1,38,131	2,74,883	..	
			LOCOMOTIVE DEPARTMENT.														
1	G.O., No. 682 R.	11th Dec. 1894.	Fitting automatic vacuum brake gear for fifteen engines.	8,688	15,763	24,451	1,795	10,866	12,661	6,893	4,897	11,790	..	..	..	..	
	G.I. No. 417 R.S.	3rd ,, ,,															
	G.O., No. 44 R.	21st Jan. 1897.															
2	G.O., No. 804 R.	21st Sept. 1896.	Fitting automatic vacuum brake gear for ten engines.	3,996	10,624	14,620	..	..	..	3,996	10,624	14,620	..	..	..	..	
	G.O., No. 642 R.	28th July ,,															
3	G.I. No. 302 R.S.	13th ,, ,,	Do. do. do.	1,200	8,680	9,880	..	..	..	332	838	1,170	868	7,842	8,710	..	
	G.O., No. 135 R.	18th Feb. ,,															
4	G.I. No. 42 R.S.	4th ,, ,,	Two new locomotive tank engines ..	1,660	55,800	57,460	..	..	..	500	10,000	10,500	1,160	45,800	46,960	..	
	M.O.M. ..	27th Mar. ,,															
	C.E. No. 3346.	23rd Oct. ,,	Sanctioned minor works as per Schedule C.	120	1,054	1,174	..	..	..	120	1,054	1,174	..	..	..	..	
			Total, Locomotive Department ..	15,664	91,921	1,07,585	1,795	10,866	12,661	11,841	27,413	39,254	2,028	53,642	55,670	..	
			CARRIAGE AND WAGON DEPARTMENT.														
1	G.O., No. 652 R.	11th Dec. 1894.	Fitting automatic vacuum brake gear for fifty carriages.	5,449	26,072	31,521	1,511	23,253	24,764	3,938	2,819	6,757	..	..	..	..	
	G.I. No. 417 R.S.	3rd ,, ,,															
	G.O., No. 44 R.	21st Jan. 1897.															
2	G.O., No. 642 R.	28th July 1896.	Do. do. do.	5,000	22,380	27,380	..	..	..	..	..	..	5,000	22,380	27,380	..	
	G.I. No. 302 R.S.	13th ,, ,,															
3	G.O., No. 804 R.	21st Sept. ,,	Do. do. do.	6,421	18,986	25,407	..	..	..	6,421	18,986	25,407	..	..	..	..	
4	G.O., No. 3A R.	8th Jan. 1894.	Fitting carriages with apparatus for gas lighting.	12,469	1,41,280	1,53,749	13,161	78,114	91,275	..	45,000	45,000	..	18,165	18,165	..	Revised estimate has been sanctioned—see also schedule B.
	G.I. No. 450 R.S.	20th Dec. 1893.															
	M.O.M. ..	24th Jan. 1896.															
5	G.O., No. 386 R.	31st May 1895.	Two tank wagons for carrying oil, 15 tons.	1,540	6,360	7,900	806	2,635	3,441	669	2,591	3,260	..	..	..	..	
	M.O.M. ..	30th July 1896.															
6	G.O., No. 565 R.	20th Oct. 1894.	Two composite carriages, night ..	4,422	9,284	13,706	1,961	2,837	4,798	2,065	6,286	8,351	..	..	..	..	
	M.O.M. ..	30th Sept. 1896.															
7	G.O., No. 135 R.	18th Feb. ,,	Two bogie composite carriages	25,080	1,01,730	1,26,810	..	..	..	10,500	42,050	52,550	14,580	59,680	74,260	..	
	G.I. No. 42 R.S.	4th ,, ,,	Seventeen third-class carriages ..														
	C.E. No. 3346.	23rd Oct. ,,	Two third-class carriages with brakes ..														
			Two ordinary brake vans ..														
8	G.O., No. 136 R.	18th Feb. ,,	First and second class composite carriage (bogie).	5,300	14,200	19,500	..	..	..	500	5,000	5,500	4,800	9,200	14,000	..	
9	G.O., No. 311 R.	1st April ,,	Twenty-five timber trucks	3,000	33,375	36,375	22	..	22	2,525	35,332	37,857	..	..	..	..	
	G.I. No. 116 R.S.	25th Mar. ,,															
			Sanctioned minor works as per Schedule C.	60	1,145	1,205	3	552	555	57	593	650	..	..	..	..	
			Total, Carriage and Wagon Department.	68,741	3,74,812	4,43,553	17,464	1,07,391	1,24,855	26,675	1,58,657	1,85,332	24,380	1,09,425	1,33,805	..	
			Total, Schedule A ..	7,03,888	10,84,244	17,88,132	3,10,995	4,09,885	7,20,880	2,19,914	3,77,775	5,97,689	1,63,160	3,01,198	4,64,358	..	

SCHEDULE B OR CONSTRUCTION WORKS—PART II.

Budget Estimate of Unsanctioned Works of the Madras Railway for the official year 1897–98.

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Amount of estimate. Value of stores.	Amount of estimate. Total expenditure.	Actual expenditure up to close of official year 1895–96. Cash outlay in India.	Actual expenditure up to close of official year 1895–96. Value of stores.	Actual expenditure up to close of official year 1895–96. Total.	Probable expenditure during 1896–97. Cash outlay in India.	Probable expenditure during 1896–97. Value of stores.	Probable expenditure during 1896–97. Total.	Budget estimate of expenditure for official year 1897–98. Cash outlay in India.	Budget estimate of expenditure for official year 1897–98. Value of stores.	Budget estimate of expenditure for official year 1897–98. Total.	Estimated expenditure in future years.	Remarks.
			ENGINEERING DEPARTMENT.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
			Bridge Works.														
1	..	..	Restoration of bridge, &c., at 95/2-3 mile, North-west line.	7,463	209	7,672	..	..	..	..	..	..	7,463	209	7,672	..	
2	..	..	Diversion of the Kodur river at 107th mile, North-west line.	47,828	..	47,828	..	..	..	..	..	..	47,828	..	47,828	..	
			Stations and Buildings.														
			Ráyapuram.														
3	..	..	Export and import sheds and sidings at Ráyapuram.	12,406	35,644	48,050	..	..	..	..	..	..	5,000	15,000	20,000	28,050	
4	..	..	Branch line and siding for harbour coal traffic at Ráyapuram.	5,156	18,672	23,828	..	..	..	..	..	..	5,000	10,000	15,000	8,828	
5	..	..	Madras Railway and South Indian Railway joint station and line within the limits of Ráyapuram yard.	55,675	51,376	1,07,051	..	..	..	..	..	..	20,000	15,000	35,000	72,051	
			Washermanpet.														
6	..	..	Branch line from Washermanpet to Salt Cotaurs.	71,734	30,289	1,02,023	..	..	..	..	..	..	30,000	25,000	55,000	47,023	
7	..	..	Junction station at Washermanpet and extension to Ráyapuram.	49,068	6,587	55,655	..	..	..	..	..	..	10,000	6,587	16,587	39,068	
			Salt Cotaurs.														
8	..	..	Junction arrangement at Salt Cotaurs in connection with East Coast Railway.	4,23,202	73,680	4,96,882	..	..	..	..	..	..	42,653	40,000	82,653	4,14,229	
			Central Station.														
9	..	..	Two carriage examining pits to be in washing sidings aggregate length of pits 730 feet at Central Station.	4,813	5,416	10,229	..	..	..	..	..	..	4,813	5,416	10,229	..	
			Perambúr Works.														
10	..	..	Bungalow for First Assistant Locomotive Superintendent at Perambúr Works.	5,405	4,157	9,562	..	..	..	..	..	..	5,405	4,157	9,562	..	
11	..	..	Bungalow for Medical officer	5,601	3,999	9,600	..	..	..	..	..	..	5,601	3,999	9,600	..	
			Arkonam.														
12	..	..	Improvements and additions to the station yard at Arkonam.	54,286	37,260	91,546	..	..	..	..	..	..	30,000	30,000	60,000	31,546	
			Thalangai.														
13	..	..	Platform, lay-bye, loading bank, goods godown and new feeder road at Thalangai.	4,272	3,879	8,151	..	..	..	..	..	..	..	..	..	8,151	
			Bangalore City.														
14	..	..	Five houses for Eurasian joint clerks at Bangalore City.	13,445	2,980	16,425	..	..	..	..	..	..	13,445	2,980	16,425	..	
			Mangalam.														
15	..	..	Extension of goods godown, lay-bye and crossjover road at Mangalam.	1,377	4,678	6,055	..	..	..	..	..	..	1,377	4,678	6,055	..	
			Pódanúr.														
16	..	..	Proposed further alterations and additions to station-house at Pódanúr.	6,733	7,037	12,770	..	..	..	..	..	..	6,733	7,037	13,770	..	
			Walayar.														
17	..	..	Catch siding at Walayar	4,035	12,654	16,689	..	..	..	..	..	..	..	..	..	16,689	
			Gooty.														
18	..	..	New engine turn-table, Locomotive workshops and Locomotive siding at Gooty.	4,618	10,913	15,531	..	..	..	..	..	..	4,618	10,913	15,531	..	
			Miscellaneous.														
19	..	..	Two lay-byes	1,880	4,406	6,286	..	..	..	..	..	..	1,880	4,406	6,286	..	
20	..	..	Four platforms	12,252	5,528	17,780	..	..	..	..	..	..	12,252	5,528	17,780	..	
21	..	..	Two complete stations	13,182	9,606	22,788	..	..	..	..	..	..	13,182	9,606	22,788	..	
22	..	..	Two crossing stations	5,952	17,404	23,356	..	..	..	..	..	..	5,952	17,404	23,356	..	
23	..	..	Four double bungalows for guards ..	16,608	5,744	22,352	..	..	..	..	..	..	16,608	5,744	22,352	..	
24	..	..	Six houses for Native Stationmasters ..	4,104	2,784	6,888	..	..	..	..	..	..	4,104	2,784	6,888	..	

Budget Estimate of Unsanctioned Works of the

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT—*cont.*	Rs.	Rs.	Rs.
			Stations and Buildings—cont.			
			Miscellaneous—*cont.*			
25	..	..	Twenty-five houses for subordinate staff (Traffic Department).	7,319	3,156	10,475
26	..	..	Distant signals for six stations, South-west and North-west lines.	1,320	5,016	6,336
			Electric Telegraph.			
27	..	..	Proposed upper storey for Telegraph Engineer's office at Arkonam.	4,552	2,396	6,948
28	..	..	Power-house for electric lighting installation at Arkonam.	6,000	1,300	7,300
29	..	..	Proposed additions to Telegraph Workshops at Arkonam.	8,164	2,893	11,057
30	..	..	Proposed shed, &c., in Telegraph store yard at Arkonam.	2,076	6,134	8,210
			Total ..	8,60,526	3,75,797	12,36,323
			Unsanctioned minor works as per Schedule C.	49,729	31,365	81,094
			Total, Engineering Department ..	9,10,255	4,07,162	13,17,417
			LOCOMOTIVE DEPARTMENT.			
1	..		Six locomotive engines	..	22,550	22,550
2	..	..	Six sets automatic vacuum brake gear ..	300	5,660	5,960
3	..	..	Ten do. do. do. ..	3,996	10,624	14,620
			Total, Locomotive Department ..	4,296	38,834	43,130
			CARRIAGE AND WAGON DEPARTMENT.			
1	..	..	Fitting carriages with apparatus for gas lighting.	8,345	49,162	* 57,507
2	..	..	Two tool vans	1,240	5,760	7,000
3	..	..	Two tank wagons for kerosine oil, 15 tons.	1,540	6,360	7,900
4	..	..	Two hundred sets vacuum brake gear for carriages.	25,684	75,944	1,01,628
5	..	..	Forty-six third-class carriages	31,510	1,64,473	1,95,983
			Total, Carriage and Wagon Department.	68,319	3,01,699	3,70,018
			Total, Schedule B ..	9,82,870	7,47,695	17,30,565

SCHEDULE C OR CONSTRUCTION

Budget Estimate of Minor Works of the

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			SANCTIONED WORKS.	Rs.	Rs.	Rs.
			ENGINEERING DEPARTMENT.			
			Bridgework.			
1	C.E. No. 725 ..	4th Mar. 1896.	Strengthening girders of bridge No. 82 at			
	M.O.M. ..	28th Oct. ,,	175/16 miles, Bangalore branch.	375	2,429	2,804
2	C.E. No. 1490.	15th May ,,	Proposed masonry piers for five 50-feet			
	M.O.M. ..	26th Mar. 1897.	openings at 179/1 miles, North-west line.	1,607	312	1,919

Madras Railway for the official year 1897–98—*cont.*

Actual expenditure up to close of official year 1895–96. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1896–97. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1897–98. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	..	..	..	7,319	3,156	10,475	..	
..	..	..	..	..	..	1,320	5,016	6,336	..	
..	..	..	..	..	..	4,552	2,396	6,948	..	
..	..	..	..	..	..	6,000	1,300	7,300	..	
..	..	..	..	..	..	8,164	2,893	11,057	..	
..	..	..	..	..	..	2,076	6,134	8,210	..	
..	..	..	..	..	..	3,23,345	2,47,343	5,70,688	6,65,635	
..	..	..	..	..	..	49,729	31,365	81,094	..	
..	..	..	..	..	..	3,73,074	2,78,708	6,51,782	6,65,635	
..	..	..	..	..	..	..	22,550	22,550	..	
..	..	..	..	..	..	300	5,660	5,960	..	
..	..	..	..	..	..	3,996	10,624	14,620	..	
..	..	..	..	..	..	4,296	38,834	43,130	..	
..	..	..	5,664	..	5,664	1,989	49,162	51,151	..	* Difference between the original and revised estimates — see also schedule A.
..	..	..	..	..	..	1,240	5,760	7,000	..	
..	..	..	..	..	..	1,540	6,360	7,900	..	
..	..	..	..	..	..	25,684	75,944	1,01,628	..	
..	..	..	..	..	..	31,510	1,64,473	1,95,983	..	
..	..	..	5,664	..	5,664	61,963	3,01,699	3,63,662	..	
..	..	..	5,664	..	5,664	4,39,333	6,19,241	10,58,574	6,65,635	

WORKS PART III.

Madras Railway for the official year 1897–98.

Actual expenditure up to close of official year 1895–96. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1896–97. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1897–98. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	75	429	504	300	2,000	2,300	..	
..	..	..	1,531	..	1,531	..	..	..	..	

Budget Estimate of Minor Works of the Madras Railway for the official year 1897-98—*cont.*

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.	Actual expenditure up to close of official year 1895-96. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1896-97. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1897-98. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
			ENGINEERING DEPARTMENT—*cont.*														
			Stations and Buildings.														
				Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
3	C.E. No. 66 ..	9th Jan. 1895.	Supplying Red Hills water to engines at Ráyapuram.	342	2,255	2,597	28	98	126	255	1,046	1,301	..	..	..	..	
	M.O.M. ..	27th Mar. 1896.															
4	C.E. No. 3162..	8th Oct. 1895.	Alterations and additions of sidings at Signal office, Ráyapuram.	446	2,584	3,030	280	2,037	2,317	158	540	698	..	..	..	..	
	M.O.M. ..	30th Sept. 1896.															
5	C.E. No. 997 ..	27th Mar. ,,	Lengthening the engine turn-table at Rénigunta from 45 to 50 feet and fixing it at Ráyapuram.	1,223	262	1,485	..	..	..	900	62	962	323	200	523	..	
	M.O.M. ..	30th Sept. ,,															
6	C.E. No. 1313..	27th April ,,	Extension of verandah at the back of the Co-operative stores at Ráyapuram.	938	401	1,339	..	..	..	571	411	982	..	..	..	..	
7	C.E. No. 3067..	28th Sept. ,,	Traffic siding at Ráyapuram	468	4,005	4,473	..	..	..	468	4,005	4,473	..	..	..	..	
			Perambúr Works.														
8	C.E. No. 2448.	30th July 1895.	Shed for storage of carriage iron work contiguous to carriage iron stores at Perambúr Works.	1,311	2,695	4,006	379	1,162	1,541	304	1,790	2,094	..	..	..	..	
	M.O.M.	27th Mar. 1896.															
	M.O.M. ..	27th Jan. 1897.															
9	C.E. No. 2217..	25th July 1896.	Additions and alterations to tyre shop at Perambúr.	303	1,360	1,663	..	..	..	652	500	1,152	..	511	511	..	
10	C.E. No. 1884..	22nd June ,,	Interlocking points and signals at west end of Perambúr Works.	247	2,899	3,146	..	..	..	47	899	946	200	2,000	2,200	..	
			Manur.														
11	C.E. No. 3664..	18th Nov. 1895.	Station-house at Manur	2,907	1,286	4,193	846	845	1,691	2,061	441	2,502	..	..	..	..	
	M.O.M. ..	27th Jan. 1897.															
			Mosur.														
12	C.E. No. 2057..	1st July 1895.	Platform on the up line at Mosur ..	1,538	1,766	3,304	1,347	1,766	3,113	187	..	187	..	..	..	..	
	M.O.M. ..	28th Feb. 1896.															
	M.O.M. ..	26th June ,,															
	M.O.M. ..	30th July ,,															
			Arkonam.														
13	C.E. No. 1070..	27th Mar. 1895.	Well for supplying water to station rooms and sodawater manufactory at Arkonam.	1,136	975	2,111	1,019	634	1,653	117	341	458	..	..	..	..	
	M.O.M. ..	24th Jan. 1896.															
14	C.E. No. 2983..	2nd Dec. 1896.	Cast iron tank at Arkónam	169	943	1,112	34	425	459	135	518	653	..	..	..	..	
	M.O.M. ..	30th Sept. 1895.															
	M.O.M. ..	29th May 1896.															
15	C.E. No. 2772..	27th Jan. 1897.	Completing the workshop siding at Arkonam.	415	3,248	3,663	..	..	..	523	2,758	3,281	..	..	..	..	
15½	C.E. No. 500 ..	5th Sept. ,,															
		10th Feb. 1897.	Saw pit for engineering workshop ..	940	617	1,557	..	..	..	..	..	..	940	617	1,557	..	
			Arcot.														
16	C.E. No. 2728..	27th Aug. 1895.	Six houses for subordinate staff at Arcot.	805	429	1,234	..	..	..	105	100	205	700	329	1,029	..	
	M.O.M. ..	30th Sept. 1896.															
			Gudiyáttam.														
17	C.E. No. 1970..	29th June 1896.	Sinking a new well, 30 feet diameter, at Gudiyáttam.	2,278	..	2,278	..	..	..	1,000	..	1,000	1,278	..	1,278	..	
			Ambúr.														
18	C.E. No. 2802..	8th Sept. 1896.	Alterations and additions to station-house at Ambúr.	497	13	510	..	..	..	440	70	510	..	..	..	..	
			Vinnamangalam.														
19	C.E. No. 3640..	15th Nov. 1895.	Station-house at Vinnamangalam ..	2,182	1,586	3,768	701	450	1,151	1,481	1,136	2,617	..	..	..	..	
			Jalarpet.														
20	C.E. No. 2140..	6th July 1895.	One block of four houses for European and Eurasian firemen at Jalarpet.	2,951	1,892	4,843	2,730	1,892	4,622	221	..	221	..	..	..	..	
	M.O.M. ..	27th Aug. 1896.															
21	C.E. No. 2961 ..	19th Sept. 1895.	Travelling Auditor's bungalow at Jalarpet.	2,026	1,283	3,309	585	914	1,499	1,441	369	1,810	..	..	..	..	
	C.E. No. 3867.	4th Dec. 1896.															
	M.O.M. ..	27th Jan. 1897.															
22	C.E. No. 3082 ..	1st Oct. 1895.	Double bungalow for family guards at Jalarpet.	2,982	1,602	4,584	2,390	1,226	3,616	592	376	968	..	..	..	..	
	M.O.M. ..	20th Sept. 1896.															
23	C.E. No. 3353..	23rd Oct. 1895.	Taking up 45 feet engine turn-table at Tiruvallúr, lengthening it to 48 feet and fixing it at Jalarpet including siding.	815	1,605	2,420	179	..	179	410	1,529	1,939	..	..	..	..	
	M.O.M. ..	28th „ 1896.															
24	C.E. No. 966 ..	24th Mar. ,,	Conversion of reading room into quarters for schoolmistress at Jalarpet.	2,149	1,039	3,188	..	..	..	2,029	1,215	3,244	..	..	..	..	
			Gudupalli.														
25	C.E. No. 1887..	22nd June 1896.	Watering arrangements at Gudupalli ..	1,739	821	2,560	..	..	..	1,739	821	2,560	..	..	..	..	
	C.E. No. 2113 ..	15th July ,,															
			Bisanatham.														
26	C.E. No. 318 ..	26th Jan. 1897.	Stationmaster's and Assistant Stationmaster's houses.	1,246	914	2,160	..	..	..	..	..	..	1,246	914	2,160	..	

Budget Estimate of Minor Works of the Madras Railway for the official year 1897-98—*cont.*

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.	Actual expenditure up to close of official year 1895-96. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1896-97. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1897-98. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
			ENGINEERING DEPARTMENT—*cont.*														
			Stations and Buildings—cont.														
				Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
			Malur.														
27	C.E. No. 186 ..	15th Jan. 1897.	Alteration loading bank and siding at Malur.	110	430	540	..	..	..	..	..	..	110	430	540	..	
			Bowringpet.														
28	C.E. No. 357 ..	4th Feb. 1896.	Bungalow for the use of the Eurasian Carriage Examiner at Bowringpet.	862	460	1,322	84	7	91	778	453	1,231	..	..	..	..	
	M.O.M. ..	27th Jan. 1897.															
29	C.E. No. 1534..	18th May 1896.	Third-class waiting room to be extended westwards to take in the present store room and fruit stall to be built beyond this at Bowringpet.	1,598	843	2,441	..	..	..	1,598	843	2,441	..	..	..	..	
30	C.E. No. 1174..	15th April 1896.	Removing and refixing engine turn-table and alteration of sidings at Bowringpet.	391	2,453	2,844	..	..	..	391	2,453	2,844	..	..	..	..	
31	C.E. No. 1806..	13th June 1896.	Locomotive siding at Bowringpet ..	944	1,386	2,330	..	..	..	944	1,386	2,330	..	..	..	..	
32	C.E. No. 3211..	12th Oct. ,,	Proposed foot bridge at Bowringpet ..	616	4,230	4,846	..	..	..	500	800	1,300	116	3,430	3,546	..	
			Bangalore Cantonment.														
33	C.E. No. 541 ..	12th Feb. 1897.	New engine turn-table 50 feet diameter in length, existing one 40 feet diameter at Bangalore Cantonment.	816	1,576	2,392	..	..	..	..	..	..	816	1,576	2,392	..	
			Bangalore City.														
34	C.E. No. 1257..	21st April 1896.	Constructing twelve huts for the Police force of the Civil and Military stations on the Bangalore Branch.	2,782	1,193	3,975	..	..	..	2,782	1,193	3,975	..	..	..	..	
35	C.E. No. 24 ..	6th Jan. 1897.	Police station at Bangalore City ..	1,374	709	2,083	..	..	..	..	..	..	1,374	709	2,083	..	
			Kadiampatti.														
36	C.E. No 1095..	8th April 1896.	Raising tank at Kadiampatti	638	454	1,092	..	..	..	598	454	1,052	..	..	..	..	
	M.O.M. ..	27th Feb. 1897.															
37	C.E. No. 680 ..	28th Feb. 1896.	Watering arrangement at 204-2 miles, South-west line.	1,023	135	1,158	..	..	..	1,041	135	1,176	..	..	..	..	
	M.O.M. ..	30th Sept. ,,															
			Pódanúr.														
38	C.E. No. 3864..	3rd Dec. 1895.	Converting Locomotive workshop into Running drivers' quarters at Pódanur.	1,028	766	1,794	229	369	598	740	61	801	..	..	..	..	
	M.O.M. ..	27th Jan. 1897.															
39	C.E. No. 3955..	9th Dec. 1895.	Double bungalow for family guards at Pódanúr.	2,990	1,459	4,449	21	402	423	2,517	977	3,494	..	..	..	..	
			Walayar.														
40	C.E. No. 3178..	9th Oct. 1895.	House for Assistant Stationmaster at Walayar.	670	489	1,159	487	439	926	182	38	220	..	..	..	..	
	M.O.M. ..	28th Feb. 1896.															
	M.O.M. ..	30th Sept. ,,															
			Olavakkót.														
41	G.O., No. 10 R.	8th Jan. 1896.	Alterations and additions of sidings, &c., at west end of station at Olavakkót.	1,787	2,974	4,761	9	..	9	787	500	1,287	1,000	2,474	3,474	..	
42	C.E. No. 1351..	29th April ,,	Siding for tile work on Palghat branch near Olavakkót.	180	1,546	1,726	..	..	..	134	1,224	1,358	..	..	..	..	
			Palghat.														
43	C.E. No. 3999..	15th Dec. 1896.	Substitution of brick wall for mat walls for station-house and latrine at Palghat.	1,348	113	1,461	..	..	..	348	..	348	1,000	113	1,113	..	
			Edakkolam.														
44	C.E. No. 391 ..	6th Feb. 1896.	Loading bank at Edakkolam	2,169	134	2,303	..	..	..	716	99	815	..	..	..	..	
	M.O.M. ..	27th Jan. 1897.															
			Tirutani.														
45	C.E. No. 3265..	16th Oct. 1895.	Train-protecting bars at Tirutani ..	126	1,033	1,159	..	..	..	126	1,033	1,159	..	..	..	..	
	M.O.M. ..	27th Mar. 1896.															
			Puttúr.														
46	C.E. No. 98 ..	11th Jan. 1894.	Interlocking points and signals at Puttúr.	468	3,913	4,381	546	1,726	2,272	53	1,102	1,155	..	954	954	..	
	C.E. No. 3170..	7th Oct. 1896.															
			Mámandúru.														
47	C.E. No. 1547..	13th May 1895.	Supplementary estimate for interlocking points and signals at Mámandúru.	103	2,188	2,291	86	2,089	2,175	17	99	116	..	..	..	..	
	M.O.M. ..	24th Jan. 1896.															
	M.O.M. ..	29th May ,,															
	M.O.M. ..	27th Jan. 1897.															
			Cuddapah.														
48	C.E. No. 3696..	21st Nov. 1896.	Ash pits and water column at Cuddapah..	646	1,594	2,240	..	..	..	500	594	1,094	146	1,000	1,146	..	
49	C.E. No. 435 ..	5th Feb. 1897.	Thirty-ton weigh-bridge in lieu of the existing 18½ ton weigh-bridge at Cuddapah.	31	1,195	1,226	..	..	..	10	..	10	21	1,195	1,216	..	

Budget Estimate of Minor Works of the Madras Railway for the official year 1897-98—*cont.*

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Amount of estimate. Value of stores.	Amount of estimate. Total expenditure.	Actual expenditure up to close of official year 1895-96. Cash outlay in India.	Actual expenditure up to close of official year 1895-96. Value of stores.	Actual expenditure up to close of official year 1895-96. Total.	Probable expenditure during 1896-97. Cash outlay in India.	Probable expenditure during 1896-97. Value of stores.	Probable expenditure during 1896-97. Total.	Budget estimate of expenditure for official year 1897-98. Cash outlay in India.	Budget estimate of expenditure for official year 1897-98. Value of stores.	Budget estimate of expenditure for official year 1897-98. Total.	Estimated expenditure in future years.	Remarks.
			ENGINEERING DEPARTMENT—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
			Stations and Buildings—cont.														
			Mangapatnam.														
50	C.E. No. 1241..	3rd April 1897.	Block cabin and Booking office, &c., at Mangapatnam.	984	193	1,177	..	..	..	..	..	..	984	193	1,177	..	
			Guntakal.														
51	C.E. No. 2945..	18th Sept. 1896.	New cross over road and additional siding at Guntakal.	172	1,466	1,638	..	..	..	300	1,338	1,638	..	..	..	..	
			Miscellaneous.														
52	C.E. No. 656 .. M.O.M.	27th Feb. 1896. 2nd Dec ,,	Foolscap size printing machine with type.	..	1,500	1,500	..	..	..	..	1,494	1,494	..	..	..	..	
			Electric Telegraph.														
53	C.E. No. 4107.	22nd Dec. 1896.	Telephone circuit with two wires between Central station, Veyasarpady and Washermanpet Block houses also two additional telephones for Ráyapuram Block house and one for Washermanpet.	229	1,242	1,471	..	..	..	229	1,242	1,471	..	..	..	..	
			Total, Engineering Department, carried to Schedule A.	58,120	74,895	1,33,015	11,980	16,481	28,461	32,733	36,874	69,607	10,554	18,645	29,199	..	
			LOCOMOTIVE DEPARTMENT.														
1	C.E. No. 3430 ..	30th Oct. 1895.	Fitting steam sanding gear carried to schedule A.	120	1,054	1,174	..	..	..	120	1,054	1,174	..	..	..	..	
			CARRIAGE AND WAGON DEPARTMENT.														
1	C.E. No. 3741.. M.O.M. ..	22nd Nov. 1895. 30th July 1896.	One support wagon for 15-ton crane carried to schedule A.	60	1,145	1,205	3	552	555	57	593	650	..	..	..	..	
			Total, Sanctioned Minor Works ..	58,300	77,094	1,35,394	11,983	17,033	29,016	32,910	38,521	71,431	10,554	18,645	29,199	..	
			UNSANCTIONED WORKS.														
			ENGINEERING DEPARTMENT.														
1	..	..	Restoration of bridge No. 251 at 107/10-1 miles.	3,851	..	3,851	..	..	..	..	..	..	3,851	..	3,851	..	
			Stations and Buildings.														
			Central Station.														
2	..	..	Proposed reading-room at Central Station.	2,427	1,920	4,347	..	..	..	..	..	..	2,427	1,920	4,347	..	
			Salt Cotaurs.														
3	..	..	Two houses for Carriage Examiner and gas-maker at Salt Cotaurs.	2,989	1,538	4,527	..	..	..	..	..	..	2,989	1,538	4,527	..	
4	..	..	Two houses for Assistant Carriage Examiner and Assistant gas-maker.	1,561	957	2,518	..	..	..	..	..	..	1,561	957	2,518	..	
5	..	..	Inserting rubble drains through bank slopes from 2 to 3/5 miles.	1,691	..	1,691	..	..	..	..	..	..	1,691	..	1,691	..	
			Perambúr Works.														
6	..	..	Two examining pits in carriage-lifting shed for repairs, &c., at Perambúr Works.	993	875	1,868	..	..	..	..	..	..	993	875	1,868	..	
7	..	..	Line leading from timber yard to be connected by points with line running into saw mill at west gate at Perambúr Works.	320	1,804	2,124	..	..	..	..	..	..	320	1,804	2,124	..	
8	..	..	Louvre roof and ventilators to be put in erecting shop and fitting shop at Perambúr Works.	288	2,219	2,507	..	..	..	..	..	..	288	2,219	2,507	..	
			Arkónam.														
9	..	..	Three houses for weigh bridge fitter, Assistant Carriage Examiner and Assistant weigh-bridge fitter at Arkónam.	2,534	1,403	3,937	..	..	..	..	..	..	2,534	1,403	3,937	..	

Budget Estimate of Minor Works of the

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT—*cont.*	RS.	RS.	RS.
			Stations and Buildings—cont.			
			Arkónam—*cont.*			
10	..	..	Bungalow for Permanent-way Inspector at Arkónam.	2,262	1,248	3,510
11	..	..	Proposed house for platform constable ..	1,895	839	2,734
			Sholinghur.			
12	..	..	Interlocking points and signals ..	223	1,626	1,849
			Katpadi.			
13	..	..	Godowns for Messrs. Perry & Co. ..	803	587	1,390
			Mulanur.			
14	..	..	Extension of siding at Mulanur	1,925	1,577	3,502
			Bowringpet.			
15	..	..	Roof over goods platform at Bowringpet.	745	1,154	1,899
16	..	..	Increasing capacity of tank at Bowringpet.	3,182	98	3,280
			Krishnarajapuram.			
17	..	..	Widening space between main line and through siding and alteration of sidings, &c., at Krishnarajapuram.	2,089	2,446	4,535
			Salem.			
18	..	..	Enlargement of refreshment room ..	815	239	1,054
19	..	..	Additions to houses for European and Eurasian Firemen for use of Native Drivers and Firemen at Salem.	1,090	583	1,673
			Olavakkót.			
20	..	..	Thirty-ton weigh-bridge in lieu of the existing weigh-bridge at Olavakkót.	..	1,120	1,120
			Méttupálaiyam.			
21	..	..	House for Native Carriage Examiner at Méttupálaiyam.	952	345	1,297
			Rénigunta.			
22	..	..	Watering arrangement to be improved at Thocock.	3,052	..	3,052
			Kódúru.			
23	..	..	Raising tank at Kódúru	967	42	1,009
			Kámalápuram.			
24	..	..	Raising tank at Kámalápuram	1,784	..	1,784
24½	..	..	Extension of platform and diversion of road at Kámalapuram.	856	150	1,006
			Timmancherla.			
25	..	..	Goods siding to be connected with main line on the north side of the yard at Timmancherla.	952	2,775	3,727
26	..	..	Fitting of Annetts' locks to facing points at stations South-west and North-west lines.	989	731	1,720
			Miscellaneous.			
27	..	..	Two loading banks	4,518	..	4,518
28	..	..	Two goods godowns	1,264	2,556	3,820
29	..	..	Two trial stations	1,000	..	1,000
			Electric Telegraph.			
30	..	..	Fixing lightning-conductors to the buildings at Bangalore City.	500	1,000	1,500
31	..	..	Erecting telegraph and block lines between Ráyapuram and Fort stations on the Beach line and fixing block and needle instruments at Ráyapuram, Beach, High Court and Fort stations.	1,212	1,533	2,745
			Total, Engineering Department, carried to Schedule B.	49,729	31,365	81,094

Madras Railway for the official year 1897–98—*cont.*

Actual expenditure up to close of official year 1895–96. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1896–97. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1897–98. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	..	..	..	..	..	2,262	1,248	3,510	..	
..	..	..	..	..	..	1,895	839	2,734	..	
..	..	..	..	..	..	223	1,626	1,849	..	
..	..	..	..	..	..	803	587	1,390	..	
..	..	..	..	..	..	1,925	1,577	3,502	..	
..	..	..	..	..	..	745	1,154	1,899	..	
..	..	..	..	..	..	3,182	98	3,280	..	
..	..	..	..	..	..	2,089	2,446	4,535	..	
..	..	..	..	..	..	815	239	1,054	..	
..	..	..	..	..	..	1,090	583	1,673	..	
..	..	..	..	..	..	..	1,120	1,120	..	
..	..	..	..	..	..	952	345	1,297	..	
..	..	..	..	..	..	3,052	..	3,052	..	
..	..	..	..	..	..	967	42	1,009	..	
..	..	..	..	..	..	1,784	..	1,784	..	
..	..	..	..	..	..	856	150	1,006	..	
..	..	..	..	..	..	952	2,775	3,727	..	
..	..	..	..	..	..	989	731	1,720	..	
..	..	..	..	..	..	4,518	..	4,518	..	
..	..	..	..	..	..	1,264	2,556	3,820	..	
..	..	..	..	..	..	1,000	..	1,000	..	
..	..	..	..	..	..	500	1,000	1,500	..	
..	..	..	..	..	..	1,212	1,533	2,745	..	
..	..	..	..	..	..	49,729	31,365	81,094	..	

Schedule D or Construction Works—Part IV.

Budget Estimate of Emergent Works of the Madras Railway for the official year 1897–98—*Nil.*

Schedule E.

Budget Estimate of Expenditure for Purchase of Stores for the Madras Railway during 1897–98.

Details.		Actual purchases during 1895–96.		Probable purchases during 1896–97.		Estimated purchases during 1897–98.	
		Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
In India.			Rs.		Rs.		Rs.
Firewood	Tons.	88,005	4,39,102	87,300	4,41,900	88,000	4,45,500
Oil of sorts	..	..	1,13,090	..	1,28,900	..	1,21,000
Cotton, waste, &c.	lb.	66,824	7,265	72,340	7,530	73,000	7,200
Coal, Indian	Tons.	24,453	3,37,987	36,350	5,08,900	36,000	5,00,000
Timber of all kinds	..	..	2,01,174	..	2,39,800	..	2,63,500
Wooden sleepers	..	..	29,155	..	25,000	..	25,000
Do. keys	..	..	13,661	..	15,000	..	15,000
Materials for tarpaulins	..	..	..	..	4,000	..	4,000
Manufacture of stores	..	..	1,87,494	..	1,75,000	..	1,80,000
Freight and landing charges	..	..	52,974	..	50,000	..	50,000
Printing and stationery	..	..	69,824	..	70,000	..	70,000
Hardware (iron, steel, files, screws, &c.)	..	..	21,388	..	20,000	..	20,000
Sundry stores	..	..	2,75,091	..	2,13,392	..	1,96,307
Total	..	..	17,48,205	..	18,99,422	..	18,97,507
In England.							
Coke	Tons.	1,272	14,955	..	..	..	15,000
Tyres, engines and carriages	No.	245	16,893	280	19,810	..	10,000
Axles, engines and tenders	,,	4	328	6	3,690	..	5,000
Do. carriages	,,	447	15,334	..	..	..	50,000
Machinery and tools	..	..	4,640	..	72	..	10,460
Iron and steel plates and bars	Tons.	121	12,381	..	6,504	..	12,000
Copper and brass plates, &c.	,,	31	18,918	..	29,532	..	25,000
Materials for renewals of rolling-stock	..	..	16,238	..	7,555	..	15,000
Automatic vacuum brake gear	No.	80	32,830	120	41,272	200	70,000
Do. do.	,,	..	..	..	..	10	10,600
Materials for construction of rolling-stock	..	..	..	..	50,968	..	20,000
Materials for gas plant	..	..	15,061	..	26,687	..	21,475
Locomotive engines and tenders	No.	4	1,04,029	6	1,56,000	6	2,06,000
Carriage iron under frames	..	..	24,561	..	..	..	27,500
Steam sanding gear	..	..	807	..	814	..	..
Apparatus for carriages for gas lighting	..	..	1,25,268	..	..	..	..
Boilers	No.	2	14,533	..	..	..	..
Oil for gas lighting	..	..	2,062	..	..	..	..
Composition	..	..	1,507	..	..	..	..
Stationary wall engine	..	..	4,768	..	..	..	..
Bridge materials	..	..	..	..	..	..	..
Permanent-way materials	..	..	1,58,743	..	6,000	..	50,000
Materials for tarpaulins	..	..	..	..	3,13,262	..	3,91,788
Telegraph stores	..	..	..	..	2,000	..	2,000
Sundry stores	..	..	43,751	..	17,857	..	6,998
Total	..	..	6,27,607	..	7,74,364	..	10,82,818
Total, Schedule E	..	..	23,75,812	..	26,73,786	..	29,80,325

Memorandum.

	Rs.
Actual balance of stores on hand, 1st April 1896	26,13,394
Estimated purchases during 1896–97 as above	26,73,786
Total	52,87,180
Estimated issues during 1896–97	28,27,775
Estimated balances on 1st April 1897	24,59,405
Estimated purchases during 1897–98	29,80,325
Total	54,39,730
Estimated issues during 1897–98	34,20,439
Estimated balances on 1st April 1898	20,19,291

English Transactions.

	1897–98. Rs.
Indents to be sent home during the year	9,38,000
Add—for indents of previous year expected to be complied with in official year	3,52,023
Add—English establishment charges	1,10,182
Total	14,00,205
Deduct—Amount of orders not expected to be complied with until next year	2,07,205
Net capital cash transactions in England	11,93,000

Schedule F.

Estimate of Traffic Receipts of the Madras Railway, 1897–98.

	Rs.
Number of miles open for traffic on 1st April 1896	840
Expected to be opened during 1896–97	...
Total on 1st April 1897	840
Expected to be opened during 1897–98	...
Total likely to be opened at end of 1897–98	840
Average number of miles expected to be opened during the whole of 1897–98	840

—	Actuals in 1895–96.	Sanctioned budget estimate, 1896–97.	Revised estimate, 1896–97.	Budget estimate, 1897–98.
	Rs.	Rs.	Rs.	Rs.
Coaching traffic	47,38,352	47,25,000	46,20,000	46,00,000
Goods do.	61,21,191	64,95,000	61,00,000	61,20,000
Electric Telegraph earnings	20,302	20,000	20,000	20,000
Sundries	1,63,443	1,60,000	1,60,000	1,60,000
Total	1,10,43,288	1,14,00,000	1,09,00,000	1,09,00,000
Train mileage	2,527,023	2,560,000	2,500,000	2,500,000

SCHEDULE G.

ESTIMATE of REVENUE EXPENDITURE on the MADRAS RAILWAY for the official year 1897–98.

—	Actuals in 1895–96.	Sanctioned budget estimate, 1896–97.	Revised estimate, 1896–97.	Budget estimate, 1897–98.
Maintenance of Way, Works and Stations.	RS.	RS.	RS.	RS.
1. General superintendence	2,56,994	2,50,000	2,50,000	2,50,000
2. Maintenance and renewal of permanent-way	4,48,611	4,50,000	4,90,000	5,00,000
3. Repairs of bridges, wages and materials ...	1,06,534	1,35,000	1,10,000	2,00,000
3-A. Conservancy of rivers	...	...	...	...
4. Repairs of stations and buildings, wages and materials	1,31,142	1,50,000	1,65,000	1,70,000
5. Maintenance by contract	...	...	...	...
6. New minor works	12,494	25,000	25,000	25,000
7. Unclassified expenditure	2,23,267	2,10,000	2,05,900	2,03,600
Total ...	11,79,042	12,20,000	12,45,900	13,48,600
Deduct sum chargeable to Fire Insurance Fund	106	...	...	...
	11,78,936	12,20,000	12,45,900	13,48,600
Deduct cost of working Kolar Gold Fields Railway	17,484	15,000	17,200	17,500
	11,61,452	12,05,000	12,28,700	13,31,100
Locomotive Expenses.				
1. General superintendence	1,34,327	1,33,000	1,38,621	1,41,500
2. Running expenses (wages connected with the working of locomotive engines) ...	3,55,864	3,65,000	3,48,913	3,50,000
3. Fuel	8,34,294	8,00,000	8,73,154	8,65,000
4. Water (including wages and stores) ...	26,301	26,000	31,878	35,000
5. Oil, tallow and other stores, &c. (expended on engines in work)	38,701	40,000	44,969	46,800
6. Maintenance and renewals of locomotive engines	5,11,535	5,50,000	5,21,052	5,10,000
6-A. Maintenance and renewals of machinery, tools and plant	14,166	12,000	18,336	14,000
7. New minor works	...	2,500	1,750	3,000
8. Payments to other lines	...	...	...	...
9. Unclassified expenditure	1,85,886	2,00,000	1,70,919	1,64,500
Total ...	21,01,074	21,28,500	21,49,592	21,29,800
Deduct sum chargeable to Fire Insurance Fund	317	...	...	...
	21,00,757	21,28,500	21,49,592	21,29,800
Deduct cost of working Kolar Gold Fields Railway	30,380	30,000	30,757	30,300
	20,70,377	20,98,500	21,18,835	20,99,500
Deduct cost of working Madras-Ennore line	...	...	12,935	12,100
Total ...	20,70,377	20,98,500	21,05,900	20,87,400

Estimate of Revenue Expenditure on the Madras Railway for the official year 1897–98—*cont.*

—	Actuals in 1895–96.	Sanctioned budget estimate, 1896–97.	Revised estimate, 1896–97.	Budget estimate, 1897–98.
Carriage and Wagon Expenses.	RS.	RS.	RS.	RS.
1. General superintendence	43,012	45,000	39,555	41,800
2. Repairs and renewals of vehicles	4,05,504	4,00,000	4,75,741	4,74,260
2-A. Do. do. of machinery, tools and plant	9,413	9,000	9,841	9,800
3. Cleaning carriages and wagons and oiling.	61,108	62,000	63,190	64,000
4. New minor works	...	2,000	...	...
5. Unclassified expenditure	60,163	70,000	60,354	60,000
Total ...	5,79,200	5,88,000	6,48,681	6,49,860
Deduct sum chargeable to Fire Insurance Fund	15	...	...	...
	5,79,185	5,88,000	6,48,681	6,49,860
Deduct cost of working Kolar Gold Fields Railway	8,762	9,500	8,910	8,570
	5,70,423	5,78,500	6,39,771	6,41,290
Deduct cost of working Madras-Ennore line	...	...	3,771	3,390
Total ...	5,70,423	5,78,500	6,36,000	6,37,900
Traffic Expenses.				
1. Salaries, wages, &c.	6,29,805	6,40,000	6,36,300	6,38,200
2. Fuel, lighting, water and general stores ...	85,004	85,000	1,00,000	90,000
3. Clothing	10,123	12,000	13,000	13,000
4. Printing, stationery and tickets	77,031	82,000	72,000	72,000
5. Charges for delivery and collection of goods, &c.	1,967	3,000	2,500	2,500
6. Miscellaneous expenses	5,375	5,000	5,500	5,500
7. Payments to other lines	14,699	11,000	20,000	15,000
8. Unclassified expenditure	26,162	43,000	18,000	18,000
Total ...	8,50,166	8,81,000	8,67,300	8,54,200
Deduct sum chargeable to Fire Insurance Fund	23	200	...	...
	8,50,143	8,80,800	8,67,300	8,54,200
Deduct cost of working Kolar Gold Fields Railway	12,992	11,300	11,950	11,920
	8,37,851	8,69,500	8,55,350	8,42,280
Deduct cost of working Madras-Ennore line	...	...	4,950	4,780
Total ...	8,37,851	8,69,500	8,50,400	8,37,500
General Charges.				
1. Home expenditure	74,269	74,000	75,000	75,000
2. Salaries of Indian management including offices	2,74,553	2,81,000	2,87,000	2,88,000
3. Police	36,738	39,000	37,000	38,000
4. Advertising (all advertisements of all departments)	4,689	6,000	6,000	6,000
5. Electric telegraph	1,35,097	1,63,500	1,46,400	1,64,700

Estimate of Revenue Expenditure on the Madras Railway for the official year 1897-98—*cont.*

—	Actuals in 1895-96.	Sanctioned budget estimate, 1896-97.	Revised estimate, 1896-97.	Budget estimate, 1897-98.
General Charges—cont.	RS.	RS.	RS.	RS.
6. Clearing accounts with other lines ...	...	...	...	...
7. Unclassified expenditure	64,953	65,000	57,000	55,000
Total ...	5,90,299	6,28,500	6,08,400	6,26,700
Deduct sum chargeable to Fire Insurance Fund	8,228	6,000	7,000	6,000
	5,82,071	6,22,500	6,01,400	6,20,700
Deduct cost of working Kolar Gold Fields Railway	8,560	7,000	8,380	8,780
	5,73,511	6,15,500	5,93,020	6,11,920
Deduct cost of working Madras-Ennore line	...	...	3,520	3,520
Total ...	5,73,511	6,15,500	5,89,500	6,08,400
Special and Miscellaneous Expenditure.				
1. Law charges	3,688	3,500	1,500	3,000
2. Compensation	2,037	3,000	2,500	2,500
3. Rates and taxes (including municipal water rates)	22,633	24,500	20,000	24,500
4. Payments to other lines	5,539	10,000	4,800	6,700
5. Prizes for station gardens, &c.	550	1,000	1,000	1,000
6. Contribution to Railway Provident Institution	41,643	42,000	42,000	42,000
7. Miscellaneous	16,942	20,000	20,000	20,000
Total ...	93,032	1,04,000	91,800	99,700
Deduct sum chargeable to Fire Insurance Fund	1	...	500	...
	93,031	1,04,000	91,300	99,700
Deduct cost of working Kolar Gold Fields Railway	1,448	1,000	1,266	1,400
	91,583	1,03,000	90,034	98,300
Deduct cost of working Madras-Ennore line	...	...	534	600
Total ...	91,583	1,03,000	89,500	97,700

MADRAS,
13th April 1897.

(Signed) F. DUNSTERVILLE,
Chief Auditor, Madras Railway.

(Signed) HENRY C. WEST,
Ag. Agent and Manager.

RAILWAY.

Government {1897} of Madras.

PUBLIC WORKS.

Recd. } 1897. *Enclosures*

Regd. } *Spare copies*

Letter, No. 274 R., 22nd April 1897.

APRIL.

Budget Estimates

Forwarding the final issue of the Capital and Revenue revised and — of the Madras Railway for 1896-97 and 1897-98.

PUBLIC WORKS DEPARTMENT.

Railway.

LETTER—from

F. J. E. SPRING, ESQ.,
Offg. Joint Secretary to the Government of Madras,
Public Works Department,
Railway Branch,

To

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

SIR,

With reference to Government of India Resolution, No. $\frac{1}{\text{B.O.}}$ A.R., dated 19th March 1897, I am directed to forward herewith the final issue of the Capital and Revenue revised and budget estimates of the Madras Railway for the years 1896–97 and 1897–98.

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

(Signed) F. J. E. SPRING,
Offg. Joint Secy. to Govt.,
Railway Branch.

OOTACAMUND,
22nd April 1897.

Exd. Shaik Karim.

FINAL ISSUE.

BUDGET ESTIMATE

OF THE

MADRAS RAILWAY

FOR THE YEAR

1897-98.

CAPITAL ACCOUNT.

ABSTRACT of the ESTIMATED CASH EXPENDITURE on the MADRAS RAILWAY for the official year 1897–98.

Particulars.	Actuals for 1895–96.	Budget estimate for 1896–97.	Revised estimate for 1896–97.	Budget estimate for 1897–98.
INDIAN.	RS.	RS.	RS.	RS.
CAPITAL OUTLAY.				
Engineering Department.				
Sanctioned works as per schedule A		2,39,075	1,81,398	1,36,752
Works to be sanctioned do. B		3,13,885	...	3,73,074
Emergent works do. D		...	...	...
Locomotive Department.				
Sanctioned works as per schedule A	1,81,883	2,980	11,841	2,028
Works to be sanctioned do. B		1,500	...	4,296
Carriage and Wagon Department.				
Sanctioned works as per schedule A		40,003	26,675	24,380
Works to be sanctioned do. B		10,780	5,664	61,963
General.				
Establishment	...	...	...	...
Stores as per schedule E	17,48,205	16,51,777	18,99,422	18,97,507
Miscellaneous	2,902	5,000	5,000	5,000
Suspense miscellaneous	2,96,513	35,000	2,20,000	2,20,000
Increase or decrease of balance of Capital Advance Account	19,447	...	...	...
Total withdrawals on Capital Account	22,48,950	23,00,000	23,50,000	27,25,000
Receipts to be credited to Capital Account.				
Share capital paid in India	...	...	...	...
Refunds for stores sold to Revenue, &c.	24,43,055	21,00,000	24,50,000	25,00,000
Other refunds—				
Home expenditure, &c.	2,46,396	5,00,000	2,00,000	2,00,000
Total Payments on Capital Account	26,89,451	26,00,000	26,50,000	27,00,000
Net cash demand in India on Capital Account	**4,40,501**	**3,00,000**	**3,00,000**	25,000
ENGLAND.				
Purchase of Stores.				
Indents to be sent home during the year	...	9,50,000	6,90,291	9,38,000
Previous indents to be complied with	...	3,00,000	4,36,096	3,52,023
Total	...	12,50,000	11,26,387	12,90,023
Deduct for indents estimated to be complied with in the following year	...	5,25,818	3,52,023	2,07,205
Total Outlay for Stores	6,27,607	7,24,182	7,74,364	10,82,818
Home Expenditure and Payments.				
Home expenditure	1,02,348	89,454	84,000	79,636
Furlough and sick leave allowances		10,909	5,454	4,364
Family and sundry payments less receipts		41,455	38,182	* 26,182
Total, Home Expenditure and Payments	1,02,348	1,41,818	1,27,636	1,10,182
Total, Cash Demand in England	7,29,955	8,66,000	9,02,000	11,93,000

* The reduction in the estimated family and sundry payments, &c., in 1897–98 is principally due to reduced payments to be made on account of Messrs. Stoney, Winter and Byron.

REVENUE ACCOUNT.

ABSTRACT of ESTIMATED REVENUE RECEIPTS and EXPENDITURE of the MADRAS RAILWAY for the official year 1897–98.

Particulars.	Actuals for 1895–96.	Budget estimate for 1896–97.	Revised estimate for 1896–97.	Budget estimate for 1897–98.
RECEIPTS AS PER SCHEDULE F.	RS.	RS.	RS.	RS.
Coaching traffic	47,38,352	47,25,000	46,20,000	46,00,000
Goods do.	61,21,191	64,95,000	61,00,000	61,20,000
Electric Telegraph earnings	20,302	20,000	20,000	20,000
Sundries	1,63,443	1,60,000	1,60,000	1,60,000
Total (1)	1,10,43,288	1,14,00,000	1,09,00,000	1,09,00,000
Receipts on account of traffic appertaining to other lines	16,25,060	15,00,000	16,00,000	16,00,000
Receipts from Capital Account other than traffic earnings				
Receipts from foreign lines other than traffic earnings				
Other abnormal receipts in detail or as per schedule attached	...	...	...	...
Total Payments into Treasury on Revenue Account (2)	1,26,68,348	1,29,00,000	1,25,00,000	1,25,00,000
EXPENDITURE AS PER SCHEDULE G.				
Maintenance of way, works and stations	11,61,452	12,05,000	12,28,700	13,31,100
Locomotive expenses	20,70,377	20,98,500	21,05,900	20,87,400
Carriage and wagon expenses	5,70,423	5,78,500	6,36,000	6,37,900
Traffic expenses	8,37,851	8,69,500	8,50,400	8,37,500
General charges	5,73,511	6,15,500	5,89,500	6,08,400
Special and miscellaneous expenditure	91,583	1,03,000	89,500	97,700
Total (3)	53,05,197	54,70,000	55,00,000	56,00,000
Payments to other lines of their proportion of through traffic, &c.	14,89,937	15,00,000	16,00,000	16,00,000
Payments to Capital Account other than for stores, &c., included in the working expenses in schedule G				
Other abnormal payments in detail or as per schedule attached	...	...	...	...
Total withdrawals from Treasury on Revenue Account (4)	67,95,134	69,70,000	71,00,000	72,00,000
Net earnings (1)—(3)	57,38,091	59,30,000	54,00,000	53,00,000
Net receipts (2)—(4)	58,73,214	59,30,000	54,00,000	53,00,000
Surplus profits Company's share	51,771	79,000	1,960	...
Contribution to Provident institution	9,517	15,000	40	...

CAPI

SCHEDULE A OR CONSTRUCTION

Budget Estimate of Sanctioned Works of the

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT.	RS.	RS.	RS.
			Bridgework.			
1	G.O., No. 57 R. M.O.M. .. M.O.M. ..	22nd Jan. 1896. 2nd Dec. ,, 26th Mar. 1897.	Strengthening the girders of bridge at 107/10-11 miles, North-west line.	2,588	3,754	6,342
2	G.O., No. 132 R. M.O.M. ..	17th Feb. 1896. 30th Sept. ,,	Converting the 30-feet arch bridge at 168/10 miles, Bangalore branch, into a girder opening.	5,450	2,379	7,829
			Stations and Buildings.			
			Ráyapuram.			
3	G.O., No. 24 R. G.O., No. 646 R. M.O.M. ..	17th Jan. 1895. 29th July 1896. 30th Sept. ,,	Ticket printing office at Ráyapuram ..	5,023	4,437	9,460
			Washermanpet.			
4	G.O., No. 23 R. C.E. No. 3169. M.O.M. ..	17th Jan. 1895. 7th Oct. 1896. 28th ,, ,,	Alterations, &c., at Washermanpet station and extension of Ennore branch to Ráyapuram.	9,723	14,340	24,063
5	G.O., No. 331 R. M.O.M. ..	6th May 1895. 26th June 1896.	Through siding at Washermanpet ..	3,879	7,191	11,070
6	G.O., No. 317 R. C.E. No. 1071.	4th April ,, Do.	Do. do. ..	5,826	7,445	13,271
7	G.O., No. 56 R.	26th Jan. 1897.	Extension of the through siding for the Ennore line at Washermanpet.	3,187	3,348	6,535
			Central Station.			
8	G.I. No. 450 R.S. G.O., No. 3A R. M.O.M. .. G.O., No. 102 R. G.I. No. 55 R.S.	20th Dec. 1893. 8th Jan. 1894. 24th Jan. 1896. 13th Feb. 1897. 2nd ,, ,,	Shed for making gas at Central station ..	4,366	3,717	8,083
			Perambúr.			
9	G.O., No. 129 R. C.E. No. 914. M.O.M. ..	2nd Mar. 1894. 29th Nov. 1893. 27th Mar. 1896.	Church at Perambúr	5,931	1,609	7,540
			Perambúr Works.			
10	G.O., No. 2153 R. M.O.M. ..	18th Sept. 1891. 27th Aug. 1896.	Bungalow for Deputy Locomotive Superintendent at Perambúr Works.	6,651	4,639	11,290
11	G.O., No. 540 R. G.O., No. 62 R. M.O.M. ..	22nd Aug. 1895. 28th Jan. 1897. 26th Feb. ,,	Billiard room for Institute at Perambúr Works.	4,772	4,316	9,088
12	G.O., No. 363 R. M.O.M. ..	21st May 1895. 26th June 1896.	Bungalow for the Second Assistant Locomotive Superintendent at Perambúr Works.	4,794	3,404	8,198
13	G.O., No. 564 R. M.O.M. .. M.O.M. ..	4th Sept. 1895. 28th Feb. 1896. 27th Mar. ,,	Extension of line across tank into timber yard at Perambúr Works.	8,085	3,367	11,452
14	G.I. No. 104 R.C. G.O., No. 117 R.	27th Jan. ,, 13th Feb. ,,	Extension of the erecting shed, Foreman's office and tool stores at Perambúr Works.	20,211	17,335	37,546
15	G.O., No. 421 R.	4th May ,,	Additional shed for stabling of His Excellency the Governor's saloons at Perambúr Works.	513	4,624	5,137
			Tiruvallúr.			
16	G.O., No. 434 R.	13th May 1896.	Alterations and additions to the station-house at Tiruvallúr.	6,230	1,012	7,242
			Jalarpet.			
17	G.O., No. 899 R.	24th Dec. 1895.	Assistant Traffic Manager's bungalow at Jalarpet.	5,843	4,255	10,098
18	G.O., No 23 R.	9th Jan. 1896.	Assistant Traffic Manager's office at Jalarpet.	3,906	2,193	6,099
19	G.O., No. 23 R.	9th ,, ,,	Converting the Assistant Traffic Manager's bungalow into an Institute at Jalarpet.	3,277	3,196	6,473
20	G.O., No. 4 R.	4th Jan. 1897.	Additional water-supply at Jalarpet ..	6,572	4,322	10,894

TAL.

WORKS—PART I.

Madras Railway for the official year 1897–98.

Actual expenditure up to close of official year 1895–96. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1896–97. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1897–98. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	3,790	3,790	2,480	..	2,480	..	..	..	..	
..	..	..	1,000	1,500	2,500	4,450	879	5,329	..	
5,023	4,316	9,339	..	121	121	..	..	..	..	
9,684	14,304	23,988	39	36	75	..	..	..	..	
2,575	3,185	5,760	1,123	4,187	5,310	..	..	..	..	
..	..	..	5,826	7,445	13,271	..	..	..	..	
..	..	..	..	..	..	3,187	3,348	6,535	..	
4,265	3,662	7,927	101	55	156	..	..	..	..	
2,255	655	2,910	3,600	2,426	6,026	..	..	..	..	
6,154	4,639	10,793	497	..	497	..	..	..	..	
3,147	2,948	6,095	1,625	1,368	2,993	..	..	..	..	
..	..	..	3,800	219	4,019	1,581	4,000	5,581	..	Revised estimate for Rs. 9,600 has been sent for sanction.
8,094	927	9,021	415	2,629	3,044	..	..	..	..	
..	..	..	10,000	8,000	18,000	10,211	9,335	19,546	..	
..	..	..	642	3,000	3,642	..	1,495	1,495	..	
..	..	..	5,000	2,000	7,000	242	..	242	..	
28	50	78	6,049	4,650	10,699	..	..	..	..	
433	4	437	3,535	2,830	6,365	..	..	..	..	
..	..	..	277	1,196	1,473	3,000	2,000	5,000	..	
..	..	..	1,000	1,000	2,000	5,572	3,322	8,894	..	

Budget Estimate of Sanctioned Works of the Madras Railway for the official year 1897–98—*cont.*

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.	Actual expenditure up to close of official year 1895–96. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1896-97. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1897–98. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
			ENGINEERING DEPARTMENT—*cont.*														
			Stations and Buildings—cont.														
				Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
21	G.O., No. 527 R. M.O.M. ..	20th Aug. 1895. 27th Jan. 1897.	Gudupalli. Station-house at Gudupalli	4,057	2,013	6,070	1,423	1,441	2,864	1,954	571	2,525	..	..	..	..	
22	G.O., No. 494 R. M.O.M. .. M.O M. ..	3rd Aug. 1895. 26th June 1896. 27th Jan. 1897.	Bisanattam. Through siding at Bisanattam ..	2,484	6,299	8,783	790	194	984	1,141	5,189	6,330	..	..	..	..	
23	G.I. No. 719 R.C. G.O., No. 436 R. C.E. No. 199 .. M.O.M .. M.O.M. ..	31st July 1894. 15th Aug. ,, 19th Jan. 1895. 28th Feb. 1896. 26th Mar. 1897.	Bowringpet. Alterations and additions consequent on junction of Kolar Gold Fields Railway with the Madras Railway at Bowringpet.	34,995	43,316	78,311	32,193	42,804	74,997	476	732	1,208	..	..	..	..	
24	G.O., No. 964 R.	14th Nov. 1896.	Whitefield (Watering Station). Water from nullah at 203/14 miles, Bangalore branch.	3,105	14,873	17,978	..	..	..	1,105	2,000	3,105	2,000	12,873	14,873	..	
25	G.I. No. 94 R.C. G.O., No. 81 R. C.E. No. 3061. M.O.M. .. G.I. No. 1340 R.C.	30th Jan. 1894. 6th Feb. ,, 30th Sept. 1895. 30th ,, 1896. 8th ,, ,,	Bangalore City. Alterations and additions to station-house, platform, &c., at Bangalore City.	2,19,939	1,74,413	3,94,352	1,16,323	66,901	1,83,224	40,000	50,000	90,000	63,616	57,512	1,21,128	..	
26	C.E. No. 3326. M O.M. ..	21st Oct. 1895. 26th May 1893.	Purchasing Locomotive Foreman's bungalow at Bangalore City.	10,000	..	10,000	..	..	..	..	..	..	10,000	..	10,000	..	
27	G.O., No. 557 R. M.O.M. ..	29th Aug. 1895. 30th Sept. 1896.	Pódanúr. Watering arrangements at Pódanúr (from Noyil river).	2,477	5,341	7,818	2,303	4,280	6,583	174	691	865	..	..	..	..	
28	G.O., No. 137 R.	18th Feb. ,,	Alterations and additions to station-house at Pódanúr.	9,749	6,814	16,563	..	..	..	8,741	7,822	16,563	..	..	..	..	
29	G.O., No. 1063 R.	19th Dec. ,,	Proposed Institute at Pódanúr	3,812	3,270	7,082	..	..	..	500	500	1,000	3,312	2,770	6,082	..	
30	G.O., No. 2675 R. C.E. No. 1062. M.O.M. ..	11th Nov. 1892. 5th Dec. ,, 24th Jan. 1896.	Méttupálaiyam. Alterations and additions in connection with the junction of the Nilgiri Railway with the Madras Railway at Méttupálaiyam.	14,972	7,791	22,763	12,646	8,099	20,745	..	1,075	1,075	943	..	943	..	
31	G.O., No. 522 R. M.O.M. ..	15th Aug. 1895. 29th May 1896.	Nagari. Interlocking points and signals at Nagari.	115	9,177	9,292	..	5,055	5,055	80	3,122	3,202	35	1,000	1,035	..	
32	G.I. No. 21 R.C. G.O., No. 46 R.	7th Jan. 1896. 15th ,, ,,	Nandalúru. Conversion of Nandalúru into an engine-changing station.	27,113	16,576	43,689	1,651	1,535	3,186	23,462	9,000	32,462	2,000	6,041	8,041	..	
33	G.O., No. 925 R.	27th Oct. ,,	Watering arrangements at Nandalúru ..	4,299	4,867	9,166	..	..	..	1,500	3000	4,500	2,799	1,867	4,666	..	
34	G.O., No. 575 R.	2nd July 1896.	Mangapatnam. Through siding at Mangapatnam ..	2,616	6,245	8,861	..	..	..	2,616	6,245	8,861	..	..	..	..	
35	G.O., No. 849 R.	8th Oct. 1896.	Gooty. Double bungalow for European and East Indian drivers at Gooty.	4,733	1,673	6,406	..	..	..	3,000	1,500	4,500	1,733	173	1,906	..	
36	G.O., No. 48 R.	23rd Jan. 1897.	Assistant Engineer's bungalow at Gooty.	6,169	4,257	10,426	..	..	..	1,743	2,000	3,743	4,426	2,257	6,683	..	
37	G.O., No. 442 R. M.O.M. ..	5th July 1895. 30th Sept. 1896.	Six houses for Native Assistant Stationmasters on South-west and North-west lines.	3,323	3,290	6,613	3,322	3,290	6,612	1	..	1	..	..	..	..	
38	G.O., No. 669 R. G.O., No. 403 R. G.O., No. 516 R. C.E. No. 2273. M.O.M. .. M.O.M. ..	11th Aug. ,, 12th June 1895. 11th Aug. ,, 15th July ,, 28th Feb. 1896. 27th Aug. ,,	Twenty-five houses for subordinate staff (Traffic Department), South-west line.	4,049	3,200	7,249	3,560	3,132	6,692	489	68	557	..	..	..	..	
39	G.O., No. 754 R.	7th Sept. ,,	Nineteen houses for the use of the subordinate staff (Traffic Department), South-west line.	3,470	1,736	5,206	..	..	..	3,470	1,736	5,206	..	..	..	..	
40	G.O., No. 392 R.	27th April ,,	Five houses for Native Station and Assistant Stationmasters on the South-west and North-west lines.	3,102	2,063	5,165	..	..	..	3,102	2,063	5,165	..	..	..	..	

Budget Estimate of Sanctioned Works of the Madras Railway for the official year 1897-98—*cont.*

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.	Actual expenditure up to close of official year 1895-96. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1896-97. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1897-98. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
			ENGINEERING DEPARTMENT—*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
			Stations and Buildings—cont.														
			Gooty—*cont.*														
41	G.O., No. 694 R. M.O.M. ..	19th Oct. 1895. 29th May 1896.	Altering the distant signals on the Madras Railway.	2,877	2,603	5,480	..	9	9	2,000	3,480	5,480	..	..	..	..	
42	G.O., No. 208 R.	26th Mar. 1897.	Alteration of home signals so that their arms will fly to danger on any connection breaking South-west and North-west lines.	4,185	4,340	8,525	..	..	..	..	..	..	4,185	4,340	8,525	..	
			Electric Telegraph.														
43	G.O., No. 798 R. G.I. No. 649 R.C. M.O.M. ..	25th July 1889 9th ,, ,, 30th ,, 1896.	Revised estimate for the extension of the block system and the introduction of starting semaphore signals, &c., South-west and North-west lines including additional stations.	64,943	1,01,818	1,66,761	62,583	98,292	1,60,875	2,360	1,500	3,860	..	2,026	2,026	..	
44	G.O., No. 111 R. M.O.M. ..	1st Feb. 1889. 28th ,, 1896.	Single needle instrument, batteries, &c., for trial or additional stations.	4,122	3,588	7,710	1,304	1,635	2,939	872	745	1,617	1,946	1,208	3,154	..	
45	G.O., No. 429 R. M.O.M. ..	15th Aug. 1894. 30th July 1896.	Lighting the Arkonam station and yard by electricity.	3,830	12,170	16,000	..	..	..	2,870	9,130	12,000	960	3,040	4,000	..	
			Sanctioned minor works as per Schedule C.	58,120	74,895	1,33,015	11,980	16,481	28,461	32,733	36,874	69,607	10,554	18,645	29,199	..	
			Total, Engineering Department ..	6,19,483	6,17,511	12,36,994	2,91,736	2,91,628	5,83,364	1,81,398	1,91,705	3,73,103	1,36,752	1,38,131	2,74,883	..	
			LOCOMOTIVE DEPARTMENT.														
1	G.O., No. 682 R. G.I. No. 417 R.S.	11th Dec. 1894. 3rd ,, ,,	Fitting automatic vacuum brake gear for fifteen engines.	8,688	15,763	24,451	1,795	10,866	12,661	6,893	4,897	11,790	..	..	..	..	
2	G.O., No. 44 R. G.O., No. 804 R.	21st Jan. 1897. 21st Sept. 1896.	Fitting automatic vacuum brake gear for ten engines.	3,996	10,624	14,620	..	..	..	3,996	10,624	14,620	..	..	..	..	
3	G.O., No. 642 R. G.I. No. 302 R.S.	28th July ,, 13th ,, ,,	Do. do. do.	1,200	8,680	9,880	..	..	..	332	838	1,170	868	7,842	8,710	..	
4	G.O., No. 135 R. G.I. No. 42 R.S. M.O.M. .. C.E. No. 3346.	18th Feb. ,, 4th ,, ,, 27th Mar. ,, 23rd Oct. ,,	Two new locomotive tank engines ..	1,660	55,800	57,460	..	..	..	500	10,000	10,500	1,160	45,800	46,960	..	
			Sanctioned minor works as per Schedule C.	120	1,054	1,174	..	..	..	120	1,054	1,174	..	..	..	..	
			Total, Locomotive Department ..	15,664	91,921	1,07,585	1,795	10,866	12,661	11,841	27,413	39,254	2,028	53,642	55,670	..	
			CARRIAGE AND WAGON DEPARTMENT.														
1	G.O., No. 652 R. G.I. No. 417 R.S.	11th Dec. 1894. 3rd ,, ,,	Fitting automatic vacuum brake gear for fifty carriages.	5,449	26,072	31,521	1,511	23,253	24,764	3,938	2,819	6,757	..	..	..	..	
2	G.O., No. 44 R. G.O., No. 642 R. G.I. No. 302 R.S.	21st Jan. 1897. 28th July 1896. 13th ,, ,,	Do. do. do.	5,000	22,380	27,380	..	..	..	..	..	..	5,000	22,380	27,380	..	
3	G.O., No. 804 R.	21st Sept. ,,	Do. do. do.	6,421	18,986	25,407	..	..	..	6,421	18,986	25,407	..	..	..	..	
4	G.O., No. 3A R. G.I. No. 450 R.S. M.O.M. ..	8th Jan. 1894. 20th Dec. 1893. 24th Jan. 1896.	Fitting carriages with apparatus for gas lighting.	12,469	1,41,280	1,53,749	13,161	78,114	91,275	..	45,000	45,000	..	18,165	18,165	..	Revised estimate has been sanctioned—see also schedule B.
5	G.O., No. 386 R. M.O.M. ..	31st May 1895. 30th July 1896.	Two tank wagons for carrying oil, 15 tons.	1,540	6,360	7,900	806	2,635	3,441	669	2,591	3,260	..	..	..	..	
6	G.O., No. 565 R. M.O.M. ..	20th Oct. 1894. 30th Sept. 1896.	Two composite carriages, night ..	4,422	9,284	13,706	1,961	2,837	4,798	2,065	6,286	8,351	..	..	..	..	
7	G.O., No. 135 R. G.I. No. 42 R.S. C.E. No. 3346.	18th Feb. ,, 4th ,, ,, 23rd Oct. ,,	Two bogie composite carriages .. .. Seventeen third-class carriages .. Two third-class carriages with brakes .. Two ordinary brake vans	25,080	1,01,730	1,26,810	..	..	..	10,500	42,050	52,550	14,580	59,680	74,260	..	
8	G.O., No. 136 R.	18th Feb. ,,	First and second class composite carriage (bogie).	5,300	14,200	19,500	..	..	..	500	5,000	5,500	4,800	9,200	14,000	..	
9	G.O., No. 311 R. G.I. No. 116 R.S.	1st April ,, 25th Mar. ,,	Twenty-five timber trucks	3,000	33,375	36,375	22	..	22	2,525	35,332	37,857	..	..	..	..	
			Sanctioned minor works as per Schedule C.	60	1,145	1,205	3	552	555	57	593	650	..	..	..	..	
			Total, Carriage and Wagon Department.	68,741	3,74,812	4,43,553	17,464	1,07,391	1,24,855	26,675	1,58,657	1,85,332	24,380	1,09,425	1,33,805	..	
			Total, Schedule A ..	7,03,888	10,84,244	17,88,132	3,10,995	4,09,885	7,20,880	2,19,914	3,77,775	5,97,689	1,63,160	3,01,198	4,64,358	..	

SCHEDULE B OR CONSTRUCTION

Budget Estimate of Unsanctioned Works of the

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT.	RS.	RS.	RS.
			Bridge Works.			
1	..	..	Restoration of bridge, &c., at 95/2-3 mile, North-west line.	7,463	209	7,672
2	..	..	Diversion of the Kodur river at 107th mile, North-west line.	47,828	..	47,828
			Stations and Buildings.			
			Ráyapuram.			
3	..	..	Export and import sheds and sidings at Ráyapuram.	12,406	35,644	48,050
4	..	..	Branch line and siding for harbour coal traffic at Ráyapuram.	5,156	18,672	23,828
5	..	..	Madras Railway and South Indian Railway joint station and line within the limits of Ráyapuram yard.	55,675	51,376	1,07,051
			Washermanpet.			
6	..	..	Branch line from Washermanpet to Salt Cotaurs.	71,734	30,289	1,02,023
7	..	..	Junction station at Washermanpet and extension to Ráyapuram.	49,068	6,587	55,655
			Salt Cotaurs.			
8	..	..	Junction arrangement at Salt Cotaurs in connection with East Coast Railway.	4,23,202	73,680	4,96,882
			Central Station.			
9	..	..	Two carriage examining pits to be in washing sidings aggregate length of pits 730 feet at Central Station.	4,813	5,416	10,229
			Perambúr Works.			
10	..	..	Bungalow for First Assistant Locomotive Superintendent at Perambúr Works.	5,405	4,157	9,562
11	..	..	Bungalow for Medical officer	5,601	3,999	9,600
			Arkonam.			
12	..	..	Improvements and additions to the station yard at Arkonam.	54,286	37,260	91,546
			Thalangai.			
13	..	..	Platform, lay-bye, loading bank, goods godown and new feeder road at Thalangai.	4,272	3,879	8,151
			Bangalore City.			
14	..	..	Five houses for Eurasian joint clerks at Bangalore City.	13,445	2,980	16,425
			Mangalam.			
15	..	..	Extension of goods godown, lay-bye and cross-over road at Mangalam.	1,377	4,678	6,055
			Pódanúr.			
16	..	..	Proposed further alterations and additions to station-house at Pódanúr.	6,733	7,037	12,770
			Walayar.			
17	..	..	Catch siding at Walayar	4,035	12,654	16,689
			Gooty.			
18	..	..	New engine turn-table, Locomotive workshops and Locomotive siding at Gooty.	4,618	10,913	15,531
			Miscellaneous.			
19	..	..	Two lay-byes	1,880	4,406	6,286
20	..	..	Four platforms	12,252	5,528	17,780
21	..	..	Two complete stations	13,182	9,606	22,788
22	..	..	Two crossing stations	5,952	17,404	23,356
23	..	..	Four double bungalows for guards ..	16,608	5,744	22,352
24	..	..	Six houses for Native Stationmasters ..	4,104	2,784	6,888

WORKS—PART II.

Madras Railway for the official year 1897–98.

Actual expenditure up to close of official year 1895–96. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1896–97. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1897–98. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	..	..	..	..	..	7,463	209	7,672	..	
..	..	..	..	..	..	47,828	..	47,828	..	
..	..	..	..	..	..	5,000	15,000	20,000	28,050	
..	..	..	..	..	..	5,000	10,000	15,000	8,828	
..	..	..	..	..	..	20,000	15,000	35,000	72,051	
..	..	..	..	..	..	30,000	25,000	55,000	47,023	
..	..	..	..	..	..	10,000	6,587	16,587	39,068	
..	..	..	..	..	..	42,653	40,000	82,653	4,14,229	
..	..	..	..	..	..	4,813	5,416	10,229	..	
..	..	..	..	..	..	5,405	4,157	9,562	..	
..	..	..	..	..	..	5,601	3,999	9,600	..	
..	..	..	..	..	..	30,000	30,000	60,000	31,546	
..	..	..	..	..	..	..	..	..	8,151	
..	..	..	..	..	..	13,445	2,980	16,425	..	
..	..	..	..	..	..	1,377	4,678	6,055	..	
..	..	..	..	..	..	6,733	7,037	13,770	..	
..	..	..	..	..	..	..	..	..	16,689	
..	..	..	..	..	..	4,618	10,913	15,531	..	
..	..	..	..	..	..	1,880	4,406	6,286	..	
..	..	..	..	..	..	12,252	5,528	17,780	..	
..	..	..	..	..	..	13,182	9,606	22,788	..	
..	..	..	..	..	..	5,952	17,404	23,356	..	
..	..	..	..	..	..	16,608	5,744	22,352	..	
..	..	..	..	..	..	4,104	2,784	6,888	..	

Budget Estimate of Unsanctioned Works of the Madras Railway for the official year 1897–98—*cont.*

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.	Actual expenditure up to close of official year 1895–96. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1896–97. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1897–98. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
			ENGINEERING DEPARTMENT—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
			Stations and Buildings—cont.														
			Miscellaneous—*cont.*														
25	..	..	Twenty-five houses for subordinate staff (Traffic Department).	7,319	3,156	10,475	..	..	..	..	..	..	7,319	3,156	10,475	..	
26	..	..	Distant signals for six stations, South-west and North-west lines.	1,320	5,016	6,336	..	..	..	..	..	..	1,320	5,016	6,336	..	
			Electric Telegraph.														
27	..	..	Proposed upper storey for Telegraph Engineer's office at Arkonam.	4,552	2,396	6,948	..	..	..	..	..	..	4,552	2,396	6,948	..	
28	..	..	Power-house for electric lighting installation at Arkonam.	6,000	1,300	7,300	..	..	..	..	..	..	6,000	1,300	7,300	..	
29	..	..	Proposed additions to Telegraph Workshops at Arkonam.	8,164	2,893	11,057	..	..	..	..	..	..	8,164	2,893	11,057	..	
30	..	..	Proposed shed, &c., in Telegraph store yard at Arkonam.	2,076	6,134	8,210	..	..	..	..	..	..	2,076	6,134	8,210	..	
			Total ..	8,60,526	3,75,797	12,36,323	..	..	..	..	..	..	3,23,345	2,47,343	5,70,688	6,65,635	
			Unsanctioned minor works as per Schedule C.	49,729	31,365	81,094	..	..	..	..	..	..	49,729	31,365	81,094	..	
			Total, Engineering Department ..	9,10,255	4,07,162	13,17,417	..	..	..	..	..	..	3,73,074	2,78,708	6,51,782	6,65,635	
			LOCOMOTIVE DEPARTMENT.														
1	..	..	Six locomotive engines	..	22,550	22,550	..	..	..	..	..	..	..	22,550	22,550	..	
2	..	..	Six sets automatic vacuum brake gear ..	300	5,660	5,960	..	..	..	..	..	..	300	5,660	5,960	..	
3	..	..	Ten do. do. do. ..	3,996	10,624	14,620	..	..	..	..	..	..	3,996	10,624	14,620	..	
			Total, Locomotive Department ..	4,296	38,834	43,130	..	..	..	..	..	..	4,296	38,834	43,130	..	
			CARRIAGE AND WAGON DEPARTMENT.														
1	..	..	Fitting carriages with apparatus for gas lighting.	8,345	49,162	* 57,507	..	..	..	5,664	..	5,664	1,989	49,162	51,151	..	* Difference between the original and revised estimates — see also schedule A.
2	..	..	Two tool vans	1,240	5,760	7,000	..	..	..	..	..	..	1,240	5,760	7,000	..	
3	..	..	Two tank wagons for kerosine oil, 15 tons.	1,540	6,360	7,900	..	..	..	..	..	..	1,540	6,360	7,900	..	
4	..	..	Two hundred sets vacuum brake gear for carriages.	25,684	75,944	1,01,628	..	..	..	..	..	..	25,684	75,944	1,01,628	..	
5	..	..	Forty-six third-class carriages	31,510	1,64,473	1,95,983	..	..	..	..	..	..	31,510	1,64,473	1,95,983	..	
			Total, Carriage and Wagon Department.	68,319	3,01,699	3,70,018	..	..	..	5,664	..	5,664	61,963	3,01,699	3,63,662	..	
			Total, Schedule B ..	9,82,870	7,47,695	17,30,565	..	..	..	5,664	..	5,664	4,39,333	6,19,241	10,58,574	6,65,635	

SCHEDULE C OR CONSTRUCTION WORKS PART III.

Budget Estimate of Minor Works of the Madras Railway for the official year 1897–98.

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.	Actual expenditure up to close of official year 1895–96. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1896–97. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1897–98. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
			SANCTIONED WORKS.														
			ENGINEERING DEPARTMENT.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
			Bridgework.														
1	C.E. No. 725 ..	4th Mar. 1896.	Strengthening girders of bridge No. 82 at 175/16 miles, Bangalore branch.	375	2,429	2,804	..	..	..	75	429	504	300	2,000	2,300	..	
2	M.O.M. ..	28th Oct. ,,															
	C.E. No. 1490.	15th May ,,	Proposed masonry piers for five 50-feet openings at 179/1 miles, North-west line.	1,607	312	1,919	..	..	..	1,531	..	1,531	..	..	..	..	
	M.O.M. ..	26th Mar. 1897.															

Budget Estimate of Minor Works of the Madras Railway for the official year 1897-98—*cont.*

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.	Actual expenditure up to close of official year 1895-96. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1896-97. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1897-98. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
			ENGINEERING DEPARTMENT—*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
			Stations and Buildings.														
3	C.E. No. 66 ..	9th Jan. 1895.	Supplying Red Hills water to engines at Ráyapuram.	342	2,255	2,597	28	98	126	255	1,046	1,301	..	..	..	..	
4	C.E. No. 3162..	8th Oct. 1895.	Alterations and additions of sidings at Signal office, Ráyapuram.	446	2,584	3,030	280	2,037	2,317	158	540	698	..	..	..	..	
	M.O.M. ..	30th Sept. 1896.															
5	C.E. No. 997 ..	27th Mar. ,,	Lengthening the engine turn-table at Rénigunta from 45 to 50 feet and fixing it at Ráyapuram.	1,223	262	1,485	..	..	..	900	62	962	323	200	523	..	
	M.O.M. ..	30th Sept. ,,															
6	C.E. No. 1313..	27th April ,,	Extension of verandah at the back of the Co-operative stores at Ráyapuram.	938	401	1,339	..	..	..	571	411	982	..	..	..	..	
7	C.E. No. 3067..	28th Sept. ,,	Traffic siding at Ráyapuram	468	4,005	4,473	..	..	..	468	4,005	4,473	..	..	..	..	
			Perambúr Works.														
8	C.E. No. 2448.	30th July 1895.	Shed for storage of carriage iron work contiguous to carriage iron stores at Perambúr Works.	1,311	2,695	4,006	379	1,162	1,541	304	1,790	2,094	..	..	..	..	
	M.O.M.	27th Mar. 1896.															
	M.O.M. ..	27th Jan. 1897.															
9	C.E. No. 2217..	25th July 1896.	Additions and alterations to tyre shop at Perambúr.	303	1,360	1,663	..	..	..	652	500	1,152	..	511	511	..	
10	C.E. No. 1884..	22nd June ,,	Interlocking points and signals at west end of Perambúr Works.	247	2,899	3,146	..	..	..	47	899	946	200	2,000	2,200	..	
			Manur.														
11	C.E. No. 3664..	18th Nov. 1895.	Station-house at Manur	2,907	1,286	4,193	846	845	1,691	2,061	441	2,502	..	..	..	..	
	M.O.M. ..	27th Jan. 1897.															
			Mosur.														
12	C.E. No. 2057..	1st July 1895.	Platform on the up line at Mosur ..	1,538	1,766	3,304	1,347	1,766	3,113	187	..	187	..	..	..	..	
	M.O.M. ..	28th Feb. 1896.															
	M.O.M. ..	26th June ,,															
	M.O.M. ..	30th July ,,															
			Arkonam.														
13	C.E. No. 1070..	27th Mar. 1895.	Well for supplying water to station rooms and sodawater manufactory at Arkonam.	1,136	975	2,111	1,019	634	1,653	117	341	458	..	..	..	..	
	M.O.M. ..	24th Jan. 1896.															
	M.O.M. ..	2nd Dec. 1896.															
14	C.E. No. 2983..	30th Sept. 1895.	Cast iron tank at Arkónam	169	943	1,112	34	425	459	135	518	653	..	..	..	..	
	M.O.M. ..	29th May 1896.															
	M.O.M. ..	27th Jan. 1897.															
15	C.E. No. 2772..	5th Sept. ,,	Completing the workshop siding at Arkonam.	415	3,248	3,663	..	..	..	523	2,758	3,281	..	..	..	..	
15½	C.E. No. 500 ..	10th Feb. 1897.	Saw pit for engineering workshop ..	940	617	1,557	..	..	..	..	..	..	940	617	1,557	..	
			Arcot.														
16	C.E. No. 2728..	27th Aug. 1895.	Six houses for subordinate staff at Arcot.	805	429	1,234	..	..	..	105	100	205	700	329	1,029	..	
	M.O.M. ..	30th Sept. 1896.															
			Gudiyáttam.														
17	C.E. No. 1970..	29th June 1896.	Sinking a new well, 30 feet diameter, at Gudiyáttam.	2,278	..	2,278	..	..	..	1,000	..	1,000	1,278	..	1,278	..	
			Ambúr.														
18	C.E. No. 2802..	8th Sept. 1896.	Alterations and additions to station-house at Ambúr.	497	13	510	..	..	..	440	70	510	..	..	..	..	
			Vinnamangalam.														
19	C.E. No. 3640..	15th Nov. 1895.	Station-house at Vinnamangalam ..	2,182	1,586	3,768	701	450	1,151	1,481	1,136	2,617	..	..	..	..	
			Jalarpet.														
20	C.E. No. 2140..	6th July 1895.	One block of four houses for European and Eurasian firemen at Jalarpet.	2,951	1,892	4,843	2,730	1,892	4,622	221	..	221	..	..	..	..	
	M.O.M. ..	27th Aug. 1896.															
21	C.E. No. 2961..	19th Sept. 1895.	Travelling Auditor's bungalow at Jalarpet.	2,026	1,283	3,309	585	914	1,499	1,441	369	1,810	..	..	..	..	
	C.E. No. 3867.	4th Dec. 1896.															
	M.O.M. ..	27th Jan. 1897.															
22	C.E. No. 3082..	1st Oct. 1895.	Double bungalow for family guards at Jalarpet.	2,982	1,602	4,584	2,390	1,226	3,616	592	376	968	..	..	..	..	
	M.O.M. ..	20th Sept. 1896.															
23	C.E. No. 3353..	23rd Oct. 1895.	Taking up 45 feet engine turn-table at Tiruvallúr, lengthening it to 48 feet and fixing it at Jalarpet including siding.	815	1,605	2,420	179	..	179	410	1,529	1,939	..	..	..	..	
	M.O.M. ..	28th ,, 1896.															
24	C.E. No. 966 ..	24th Mar. ,,	Conversion of reading room into quarters for schoolmistress at Jalarpet.	2,149	1,039	3,188	..	..	..	2,029	1,215	3,244	..	..	..	..	
			Gudupalli.														
25	C.E. No. 1887..	22nd June 1896.	Watering arrangements at Gudupalli ..	1,739	821	2,560	..	..	..	1,739	821	2,560	..	..	..	..	
	C.E. No. 2113 ..	15th July ,,															
			Bisanatham.														
26	C.E. No. 318 ..	26th Jan. 1897.	Stationmaster's and Assistant Stationmaster's houses.	1,246	914	2,160	..	..	..	..	..	..	1,246	914	2,160	..	

Budget Estimate of Minor Works of the

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT—*cont.*			
			Stations and Buildings—cont.	RS.	RS.	RS.
			Malur.			
27	C.E. No. 186 ..	15th Jan. 1897.	Alteration loading bank and siding at Malur.	110	430	540
			Bowringpet.			
28	C.E. No. 357 ..	4th Feb. 1896.	Bungalow for the use of the Eurasian Carriage Examiner at Bowringpet.	862	460	1,322
	M.O.M. ..	27th Jan. 1897.				
29	C.E. No. 1534..	18th May 1896.	Third-class waiting room to be extended westwards to take in the present store room and fruit stall to be built beyond this at Bowringpet.	1,598	843	2,441
30	C.E. No. 1174..	15th April 1896.	Removing and refixing engine turn-table and alteration of sidings at Bowringpet.	391	2,453	2,844
31	C.E. No. 1806..	13th June 1896.	Locomotive siding at Bowringpet ..	944	1,386	2,330
32	C.E. No. 3211..	12th Oct. ,,	Proposed foot bridge at Bowringpet ..	616	4,230	4,846
			Bangalore Cantonment.			
33	C.E. No. 541 ..	12th Feb. 1897.	New engine turn-table 50 feet diameter in length, existing one 40 feet diameter at Bangalore Cantonment.	816	1,576	2,392
			Bangalore City.			
34	C.E. No. 1257..	21st April 1896.	Constructing twelve huts for the Police force of the Civil and Military stations on the Bangalore Branch.	2,782	1,193	3,975
35	C.E. No. 24 ..	6th Jan. 1897.	Police station at Bangalore City ..	1,374	709	2,083
			Kadiampatti.			
36	C.E. No 1095..	8th April 1896.	Raising tank at Kadiampatti	638	454	1,092
	M.O.M. ..	27th Feb. 1897.				
37	C.E. No. 680 ..	28th Feb. 1896.	Watering arrangement at 204-2 miles, South-west line.	1,023	135	1,158
	M.O.M. ..	30th Sept. ,,				
			Pódanúr.			
38	C.E. No. 3864..	3rd Dec. 1895.	Converting Locomotive workshop into Running drivers' quarters at Pódanur.	1,028	766	1,794
	M.O.M. ..	27th Jan. 1897.				
39	C.E. No. 3955..	9th Dec. 1895.	Double bungalow for family guards at Pódanúr.	2,990	1,459	4,449
			Walayar.			
40	C.E. No. 3178..	9th Oct. 1895.	House for Assistant Stationmaster at Walayar.	670	489	1,159
	M.O.M. ..	28th Feb. 1896.				
	M.O.M. ..	30th Sept. ,,				
			Olavakkót.			
41	G.O., No. 10 R.	8th Jan. 1896.	Alterations and additions of sidings, &c., at west end of station at Olavakkót.	1,787	2,974	4,761
42	C.E. No. 1351..	29th April ,,	Siding for tile work on Palghat branch near Olavakkót.	180	1,546	1,726
			Palghat.			
43	C.E. No. 3999..	15th Dec. 1896.	Substitution of brick wall for mat walls for station-house and latrine at Palghat.	1,348	113	1,461
			Edakkolam.			
44	C.E. No. 391 ..	6th Feb. 1896.	Loading bank at Edakkolam	2,169	134	2,303
	M.O.M. ..	27th Jan. 1897.				
			Tirutani.			
45	C.E. No. 3265..	16th Oct. 1895.	Train-protecting bars at Tirutani ..	126	1,033	1,159
	M.O.M. ..	27th Mar. 1896.				
			Puttúr.			
46	C.E. No. 98 ..	11th Jan. 1894.	Interlocking points and signals at Puttúr.	468	3,913	4,381
	C.E. No. 3170..	7th Oct. 1896.				
			Mámandúru.			
47	C.E. No. 1547..	13th May 1895.	Supplementary estimate for interlocking points and signals at Mámandúru.	103	2,188	2,291
	M.O.M. ..	24th Jan. 1896.				
	M.O.M. ..	29th May ,,				
	M.O.M. ..	27th Jan. 1897.				
			Cuddapah.			
48	C.E. No. 3696..	21st Nov. 1896.	Ash pits and water column at Cuddapah..	646	1,594	2,240
49	C.E. No. 435 ..	5th Feb. 1897.	Thirty-ton weigh-bridge in lieu of the existing 18½ ton weigh-bridge at Cuddapah.	31	1,195	1,226

Madras Railway for the official year 1897-98—*cont.*

Actual expenditure up to close of official year 1895-96. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1896-97. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1897-98. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	..	..	..	..	..	110	430	540	..	
84	7	91	778	453	1,231	..	..	..	..	
..	..	..	1,598	843	2,441	..	..	..	..	
..	..	..	391	2,453	2,844	..	..	..	..	
..	..	..	944	1,386	2,330	..	..	..	..	
..	..	..	500	800	1,300	116	3,430	3,546	..	
..	..	..	..	..	..	816	1,576	2,392	..	
..	..	..	2,782	1,193	3,975	..	..	..	..	
..	..	..	..	..	..	1,374	709	2,083	..	
..	..	..	598	454	1,052	..	..	..	..	
..	..	..	1,041	135	1,176	..	..	..	..	
229	369	598	740	61	801	..	..	..	..	
21	402	423	2,517	977	3,494	..	..	..	..	
487	439	926	182	38	220	..	..	..	..	
9	..	9	787	500	1,287	1,000	2,474	3,474	..	
..	..	..	134	1,224	1,358	..	..	..	..	
..	..	..	348	..	348	1,000	113	1,113	..	
..	..	..	716	99	815	..	..	..	..	
..	..	..	126	1,033	1,159	..	..	..	..	
546	1,726	2,272	53	1,102	1,155	..	954	954	..	
86	2,089	2,175	17	99	116	..	..	..	..	
..	..	..	500	594	1,094	146	1,000	1,146	..	
..	..	..	10	..	10	21	1,195	1,216	..	

Budget Estimate of Minor Works of the Madras Railway for the official year 1897-98—*cont.*

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Amount of estimate. Value of stores.	Amount of estimate. Total expenditure.	Actual expenditure up to close of official year 1895-96. Cash outlay in India.	Actual expenditure up to close of official year 1895-96. Value of stores.	Actual expenditure up to close of official year 1895-96. Total.	Probable expenditure during 1896-97. Cash outlay in India.	Probable expenditure during 1896-97. Value of stores.	Probable expenditure during 1896-97. Total.	Budget estimate of expenditure for official year 1897-98. Cash outlay in India.	Budget estimate of expenditure for official year 1897-98. Value of stores.	Budget estimate of expenditure for official year 1897-98. Total.	Estimated expenditure in future years.	Remarks.
			ENGINEERING DEPARTMENT—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
			Stations and Buildings—cont.														
			Mangapatnam.														
50	C.E. No. 1241..	3rd April 1897.	Block cabin and Booking office, &c., at Mangapatnam.	984	193	1,177	..	..	..	..	..	..	984	193	1,177	..	
			Guntakal.														
51	C.E. No. 2945 ..	18th Sept. 1896.	New cross over road and additional siding at Guntakal.	172	1,466	1,638	..	..	..	300	1,338	1,638	..	..	..	..	
			Miscellaneous.														
52	C.E. No. 655 .. M.O.M.	27th Feb. 1896. 2nd Dec ,,	Foolscap size printing machine with type.	..	1,500	1,500	..	..	..	..	1,494	1,494	..	..	..	..	
			Electric Telegraph.														
53	C.E. No. 4107.	22nd Dec. 1896.	Telephone circuit with two wires between Central station, Veyasarpady and Washermanpet Block houses also two additional telephones for Ráyapuram Block house and one for Washermanpet.	229	1,242	1,471	..	..	..	229	1,242	1,471	..	..	..	..	
			Total, Engineering Department, carried to Schedule A.	58,120	74,895	1,33,015	11,980	16,481	28,461	32,733	36,874	69,607	10,554	18,645	29,199	..	
			LOCOMOTIVE DEPARTMENT.														
1	C.E. No. 3430 ..	30th Oct. 1895.	Fitting steam sanding gear carried to schedule A.	120	1,054	1,174	..	..	..	120	1,054	1,174	..	..	..	..	
			CARRIAGE AND WAGON DEPARTMENT.														
1	C.E. No. 3741.. M.O.M. ..	22nd Nov. 1895. 30th July 1896.	One support wagon for 15-ton crane carried to schedule A.	60	1,145	1,205	3	552	555	57	593	650	..	..	..	..	
			Total, Sanctioned Minor Works ..	58,300	77,094	1,35,394	11,983	17,033	29,016	32,910	38,521	71,431	10,554	18,645	29,199	..	
			UNSANCTIONED WORKS.														
			ENGINEERING DEPARTMENT.														
1	..	..	Restoration of bridge No. 251 at 107/10-1 miles.	3,851	..	3,851	..	..	..	..	..	..	3,851	..	3,851	..	
			Stations and Buildings.														
			Central Station.														
2	..	..	Proposed reading-room at Central Station.	2,427	1,920	4,347	..	..	..	..	..	..	2,427	1,920	4,347	..	
			Salt Cotaurs.														
3	..	..	Two houses for Carriage Examiner and gas-maker at Salt Cotaurs.	2,989	1,538	4,527	..	..	..	..	..	..	2,989	1,538	4,527	..	
4	..	..	Two houses for Assistant Carriage Examiner and Assistant gas-maker.	1,561	957	2,518	..	..	..	..	..	..	1,561	957	2,518	..	
5	..	..	Inserting rubble drains through bank slopes from 2 to 3/5 miles.	1,691	..	1,691	..	..	..	..	..	..	1,691	..	1,691	..	
			Perambúr Works.														
6	..	..	Two examining pits in carriage-lifting shed for repairs, &c., at Perambúr Works.	993	875	1,868	..	..	..	..	..	..	993	875	1,868	..	
7	..	..	Line leading from timber yard to be connected by points with line running into saw mill at west gate at Perambúr Works.	320	1,804	2,124	..	..	..	..	..	..	320	1,804	2,124	..	
8	..	..	Louvre roof and ventilators to be put in erecting shop and fitting shop at Perambúr Works.	288	2,219	2,507	..	..	..	..	..	..	288	2,219	2,507	..	
			Arkónam.														
9	..	..	Three houses for weigh bridge fitter, Assistant Carriage Examiner and Assistant weigh-bridge fitter at Arkónam.	2,534	1,403	3,937	..	..	..	..	..	..	2,534	1,403	3,937	..	

Budget Estimate of Minor Works of the

Numbers of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT—*cont.*	RS.	RS.	RS.
			Stations and Buildings—cont.			
			Arkónam—*cont.*			
10	..	..	Bungalow for Permanent-way Inspector at Arkónam.	2,262	1,248	3,510
11	..	..	Proposed house for platform constable ..	1,895	839	2,734
			Sholinghur.			
12	..	..	Interlocking points and signals ..	223	1,626	1,849
			Katpadi.			
13	..	..	Godowns for Messrs. Perry & Co. ..	803	587	1,390
			Mulanur.			
14	..	..	Extension of siding at Mulanur	1,925	1,577	3,502
			Bowringpet.			
15	..	..	Roof over goods platform at Bowringpet.	745	1,154	1,899
16	..	..	Increasing capacity of tank at Bowringpet.	3,182	98	3,280
			Krishnarajapuram.			
17	..	..	Widening space between main line and through siding and alteration of sidings, &c., at Krishnarajapuram.	2,089	2,446	4,535
			Salem.			
18	..	..	Enlargement of refreshment room ..	815	239	1,054
19	..	..	Additions to houses for European and Eurasian Firemen for use of Native Drivers and Firemen at Salem.	1,090	583	1,673
			Olavakkót.			
20	..	..	Thirty-ton weigh-bridge in lieu of the existing weigh-bridge at Olavakkót.	..	1,120	1,120
			Méttupálaiyam.			
21	..	..	House for Native Carriage Examiner at Méttupálaiyam.	952	345	1,297
			Rénigunta.			
22	..	..	Watering arrangement to be improved at Thocock.	3,052	..	3,052
			Kódúru.			
23	..	..	Raising tank at Kódúru	967	42	1,009
			Kámalápuram.			
24	..	..	Raising tank at Kámalápuram	1,784	..	1,784
24½	..	..	Extension of platform and diversion of road at Kámalapuram.	856	150	1,006
			Timmancherla.			
25	..	..	Goods siding to be connected with main line on the north side of the yard at Timmancherla.	952	2,775	3,727
26	..	..	Fitting of Annetts' locks to facing points at stations South-west and North-west lines.	989	731	1,720
			Miscellaneous.			
27	..	..	Two loading banks	4,518	..	4,518
28	..	..	Two goods godowns	1,264	2,556	3,820
29	..	..	Two trial stations	1,000	..	1,000
			Electric Telegraph.			
30	..	..	Fixing lightning-conductors to the buildings at Bangalore City.	500	1,000	1,500
31	..	..	Erecting telegraph and block lines between Ráyapuram and Fort stations on the Beach line and fixing block and needle instruments at Ráyapuram, Beach, High Court and Fort stations.	1,212	1,533	2,745
			Total, Engineering Department, carried to Schedule B.	49,729	31,365	81,094

Madras Railway for the official year 1897–98—*cont.*

Actual expenditure up to close of official year 1895–96. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1896–97. Cash outlay in India.	Value of stores.	Total.	Budget estimate of expenditure for official year 1897–98. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Remarks.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
						2,262	1,248	3,510	..	
..	..	..	..	..	..	1,895	839	2,734	..	
						223	1,626	1,849	..	
..	..	..	..	..	..	803	587	1,390	..	
						1,925	1,577	3,502	..	
..	..	..	..	..	..	745	1,154	1,899	..	
..	..	..	..	..	..	3,182	98	3,280	..	
						2,089	2,446	4,535	..	
..	..	..	..	..	..	815	239	1,054	..	
..	..	..	..	..	..	1,090	583	1,673	..	
						..	1,120	1,120	..	
..	..	..	..	..	..	952	345	1,297	..	
						3,052	..	3,052	..	
..	..	..	..	..	..	967	42	1,009	..	
						1,784	..	1,784	..	
..	..	..	..	..	..	856	150	1,006	..	
						952	2,775	3,727	..	
..	..	..	..	..	..	989	731	1,720	..	
						4,518	..	4,518	..	
..	..	..	..	..	..	1,264	2,556	3,820	..	
..	..	..	..	..	..	1,000	..	1,000	..	
						500	1,000	1,500	..	
..	..	..	..	..	..	1,212	1,533	2,745	..	
..	..	..	..	..	..	49,729	31,365	81,094	..	

Schedule D or Construction Works—Part IV.

Budget Estimate of Emergent Works of the Madras Railway for the official year 1897–98—*Nil.*

Schedule E.

Budget Estimate of Expenditure for Purchase of Stores for the Madras Railway during 1897–98.

Details.		Actual purchases during 1895–96.		Probable purchases during 1896–97.		Estimated purchases during 1897–98.	
		Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
In India.			Rs.		Rs.		Rs.
Firewood	Tons.	88,005	4,39,102	87,300	4,41,900	88,000	4,45,500
Oil of sorts	,,	..	1,13,090	..	1,28,900	..	1,21,000
Cotton, waste, &c.	lb.	66,824	7,265	72,340	7,530	73,000	7,200
Coal, Indian	Tons.	24,453	3,37,987	36,350	5,08,900	36,000	5,00,000
Timber of all kinds	..	..	2,01,174	..	2,39,800	..	2,63,500
Wooden sleepers	..	..	29,155	..	25,000	..	25,000
Do. keys	..	..	13,661	..	15,000	..	15,000
Materials for tarpaulins	..	..	..	..	4,000	..	4,000
Manufacture of stores	..	..	1,87,494	..	1,75,000	..	1,80,000
Freight and landing charges	..	..	52,974	..	50,000	..	50,000
Printing and stationery	..	..	69,824	..	70,000	..	70,000
Hardware (iron, steel, files, screws, &c.)	..	..	21,388	..	20,000	..	20,000
Sundry stores	..	..	2,75,091	..	2,13,392	..	1,96,307
Total	..	..	17,48,205	..	18,99,422	..	18,97,507
In England.							
Coke	Tons.	1,272	14,955	..	..	..	15,000
Tyres, engines and carriages	No.	245	16,893	280	19,810	..	10,000
Axles, engines and tenders	,,	4	328	6	3,690	..	5,000
Do. carriages	,,	447	15,334	..	..	..	50,000
Machinery and tools	..	..	4,640	..	72	..	10,460
Iron and steel plates and bars	Tons.	121	12,381	..	6,504	..	12,000
Copper and brass plates, &c.	,,	31	18,918	..	29,532	..	25,000
Materials for renewals of rolling-stock	..	..	16,238	..	7,555	..	15,000
Automatic vacuum brake gear	No.	80	32,830	120	41,272	200	70,000
Do. do.	,,	..	..	..	..	10	10,600
Materials for construction of rolling-stock	..	..	..	..	50,968	..	20,000
Materials for gas plant	..	..	15,061	..	26,687	..	21,475
Locomotive engines and tenders	No.	4	1,04,029	6	1,56,000	6	2,06,000
Carriage iron under frames	..	..	24,561	..	..	..	27,500
Steam sanding gear	..	..	807	..	814	..	..
Apparatus for carriages for gas lighting	..	..	1,25,268	..	..	..	..
Boilers	No.	2	14,533	..	..	..	..
Oil for gas lighting	..	..	2,062	..	..	..	..
Composition	..	..	1,507	..	..	..	..
Stationary wall engine	..	..	4,768	..	..	..	..
Bridge materials	..	..	..	..	6,000	..	50,000
Permanent-way materials	..	..	1,58,743	..	3,13,262	..	3,91,788
Materials for tarpaulins	..	..	..	..	2,000	..	2,000
Telegraph stores	..	..	..	..	17,857	..	6,998
Sundry stores	..	..	43,751	..	92,341	..	1,33,997
Total	..	..	6,27,607	..	7,74,364	..	10,82,818
Total, Schedule E	..	..	23,75,812	..	26,73,786	..	29,80,325

Memorandum.

	Rs.
Actual balance of stores on hand, 1st April 1896	26,13,394
Estimated purchases during 1896–97 as above	26,73,786
Total	52,87,180
Estimated issues during 1896–97	28,27,775
Estimated balances on 1st April 1897	24,59,405
Estimated purchases during 1897–98	29,80,325
Total	54,39,730
Estimated issues during 1897–98	34,20,439
Estimated balances on 1st April 1898	20,19,291

English Transactions.

	1897–98. Rs.
Indents to be sent home during the year	9,38,000
Add—for indents of previous year expected to be complied with in official year	3,52,023
Add—English establishment charges	1,10,182
Total	14,00,205
Deduct—Amount of orders not expected to be complied with until next year	2,07,205
Net capital cash transactions in England	11,93,000

Schedule F.

Estimate of Traffic Receipts of the Madras Railway, 1897–98.

	Rs.
Number of miles open for traffic on 1st April 1896	840
Expected to be opened during 1896–97	...
Total on 1st April 1897	840
Expected to be opened during 1897–98	...
Total likely to be opened at end of 1897–98	840
Average number of miles expected to be opened during the whole of 1897–98	840

—	Actuals in 1895–96.	Sanctioned budget estimate, 1896–97.	Revised estimate, 1896–97.	Budget estimate, 1897–98.
	Rs.	Rs.	Rs.	Rs.
Coaching traffic	47,38,352	47,25,000	46,20,000	46,00,000
Goods do.	61,21,191	64,95,000	61,00,000	61,20,000
Electric Telegraph earnings	20,302	20,000	20,000	20,000
Sundries	1,63,443	1,60,000	1,60,000	1,60,000
Total	1,10,43,288	1,14,00,000	1,09,00,000	1,09,00,000
Train mileage	2,527,023	2,560,000	2,500,000	2,500,000

SCHEDULE G.

ESTIMATE of REVENUE EXPENDITURE on the MADRAS RAILWAY for the official year 1897–98.

—	Actuals in 1895–96.	Sanctioned budget estimate, 1896–97.	Revised estimate, 1896–97.	Budget estimate, 1897–98.
Maintenance of Way, Works and Stations.	RS.	RS.	RS.	RS.
1. General superintendence	2,56,994	2,50,000	2,50,000	2,50,000
2. Maintenance and renewal of permanent-way	4,48,611	4,50,000	4,90,000	5,00,000
3. Repairs of bridges, wages and materials ...	1,06,534	1,35,000	1,10,000	2,00,000
3-A. Conservancy of rivers	...	...	...	...
4. Repairs of stations and buildings, wages and materials	1,31,142	1,50,000	1,65,000	1,70,000
5. Maintenance by contract	...	...	...	...
6. New minor works	12,494	25,000	25,000	25,000
7. Unclassified expenditure	2,23,267	2,10,000	2,05,900	2,03,600
Total ...	11,79,042	12,20,000	12,45,900	13,48,600
Deduct sum chargeable to Fire Insurance Fund	106	...	...	...
	11,78,936	12,20,000	12,45,900	13,48,600
Deduct cost of working Kolar Gold Fields Railway	17,484	15,000	17,200	17,500
	11,61,452	12,05,000	12,28,700	13,31,100
Deduct cost of working Madras-Ennore line	...	...	...	...
Total ...	11,61,452	12,05,000	12,28,700	13,31,100
Locomotive Expenses.				
1. General superintendence	1,34,327	1,33,000	1,38,621	1,41,500
2. Running expenses (wages connected with the working of locomotive engines) ...	3,55,864	3,65,000	3,48,913	3,50,000
3. Fuel	8,34,294	8,00,000	8,73,154	8,65,000
4. Water (including wages and stores) ...	26,301	26,000	31,878	35,000
5. Oil, tallow and other stores, &c. (expended on engines in work)	38,701	40,000	44,969	46,800
6. Maintenance and renewals of locomotive engines	5,11,535	5,50,000	5,21,052	5,10,000
6-A. Maintenance and renewals of machinery, tools and plant	14,166	12,000	18,336	14,000
7. New minor works	...	2,500	1,750	3,000
8. Payments to other lines	...	...	...	...
9. Unclassified expenditure	1,85,886	2,00,000	1,70,919	1,64,500
Total ...	21,01,074	21,28,500	21,49,592	21,29,800
Deduct sum chargeable to Fire Insurance Fund	317	...	...	...
	21,00,757	21,28,500	21,49,592	21,29,800
Deduct cost of working Kolar Gold Fields Railway	30,380	30,000	30,757	30,300
	20,70,377	20,98,500	21,18,835	20,99,500
Deduct cost of working Madras-Ennore line	...	...	12,935	12,100
Total ...	20,70,377	20,98,500	21,05,900	20,87,400

Estimate of Revenue Expenditure on the Madras Railway for the official year 1897–98—*cont.*

—	Actuals in 1895–96.	Sanctioned budget estimate, 1896–97.	Revised estimate, 1896–97.	Budget estimate, 1897–98.
Carriage and Wagon Expenses.	RS.	RS.	RS.	RS.
1. General superintendence	43,012	45,000	39,555	41,800
2. Repairs and renewals of vehicles	4,05,504	4,00,000	4,75,741	4,74,260
2-A. Do. do. of machinery, tools and plant	9,413	9,000	9,841	9,800
3. Cleaning carriages and wagons and oiling.	61,108	62,000	63,190	64,000
4. New minor works	...	2,000	...	...
5. Unclassified expenditure	60,163	70,000	60,354	60,000
Total ...	5,79,200	5,88,000	6,48,681	6,49,860
Deduct sum chargeable to Fire Insurance Fund	15	...	...	...
	5,79,185	5,88,000	6,48,681	6,49,860
Deduct cost of working Kolar Gold Fields Railway	8,762	9,500	8,910	8,570
	5,70,423	5,78,500	6,39,771	6,41,290
Deduct cost of working Madras-Ennore line	...	...	3,771	3,390
Total ...	5,70,423	5,78,500	6,36,000	6,37,900
Traffic Expenses.				
1. Salaries, wages, &c.	6,29,805	6,40,000	6,36,300	6,38,200
2. Fuel, lighting, water and general stores ...	85,004	85,000	1,00,000	90,000
3. Clothing	10,123	12,000	13,000	13,000
4. Printing, stationery and tickets	77,031	82,000	72,000	72,000
5. Charges for delivery and collection of goods, &c.	1,967	3,000	2,500	2,500
6. Miscellaneous expenses	5,375	5,000	5,500	5,500
7. Payments to other lines	14,699	11,000	20,000	15,000
8. Unclassified expenditure	26,162	43,000	18,000	18,000
Total ...	8,50,166	8,81,000	8,67,300	8,54,200
Deduct sum chargeable to Fire Insurance Fund	23	200	...	...
	8,50,143	8,80,800	8,67,300	8,54,200
Deduct cost of working Kolar Gold Fields Railway	12,292	11,300	11,950	11,920
	8,37,851	8,69,500	8,55,350	8,42,280
Deduct cost of working Madras-Ennore line	...	...	4,950	4,780
Total ...	8,37,851	8,69,500	8,50,400	8,37,500
General Charges.				
1. Home expenditure	74,269	74,000	75,000	75,000
2. Salaries of Indian management including offices	2,74,553	2,81,000	2,87,000	2,88,000
3. Police	36,738	39,000	37,000	38,000
4. Advertising (all advertisements of all departments)	4,689	6,000	6,000	6,000
5. Electric telegraph	1,35,097	1,63,500	1,46,400	1,64,700

Estimate of Revenue Expenditure on the Madras Railway for the official year 1897-98—*cont.*

—	Actuals in 1895-96.	Sanctioned budget estimate, 1896-97.	Revised estimate, 1896-97.	Budget estimate, 1897-98.
General Charges—cont.	RS.	RS.	RS.	RS.
6. Clearing accounts with other lines ...	...	...	...	...
7. Unclassified expenditure	64,953	65,000	57,000	55,000
Total ...	5,90,299	6,28,500	6,08,400	6,26,700
Deduct sum chargeable to Fire Insurance Fund	8,228	6,000	7,000	6,000
	5,82,071	6,22,500	6,01,400	6,20,700
Deduct cost of working Kolar Gold Fields Railway	8,560	7,000	8,380	8,780
	5,73,511	6,15,500	5,93,020	6,11,920
Deduct cost of working Madras-Ennore line	...	...	3,520	3,520
Total ...	5,73,511	6,15,500	5,89,500	6,08,400
Special and Miscellaneous Expenditure.				
1. Law charges	3,688	3,500	1,500	3,000
2. Compensation	2,037	3,000	2,500	2,500
3. Rates and taxes (including municipal water rates)	22,633	24,500	20,000	24,500
4. Payments to other lines	5,539	10,000	4,800	6,700
5. Prizes for station gardens, &c.	550	1,000	1,000	1,000
6. Contribution to Railway Provident Institution	41,643	42,000	42,000	42,000
7. Miscellaneous	16,942	20,000	20,000	20,000
Total ...	93,032	1,04,000	91,800	99,700
Deduct sum chargeable to Fire Insurance Fund	1	...	500	...
	93,031	1,04,000	91,300	99,700
Deduct cost of working Kolar Gold Fields Railway	1,448	1,000	1,266	1,400
	91,583	1,03,000	90,034	98,300
Deduct cost of working Madras-Ennore line	...	...	534	600
Total ...	91,583	1,03,000	89,500	97,700

MADRAS,
13th April 1897.

(Signed) F. DUNSTERVILLE,
Chief Auditor, Madras Railway.

(Signed) HENRY C. WEST,
Ag. Agent and Manager.

(R.) Form No. 3.

N° 273 R dated 22nd April 1897

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Final opinion of the Capital & Revenue revised budget estimates of the Madras Railway for the years 1896-97 and 1897-98.

Ordered that the final opinion of the Capital and Revenue revised and budget estimates of the Madras Rly for the years 1896-97 and 1897-98; be forwarded to the Govt of India.

To The Agent & Manager M.R.
& Executive Engr Rlys Madras

R. 1/5/97

H.S. N° 274 R dated 22nd April 1897

To The Secretary
to the Govt of India
P.W.D

Sir,

With reference to Govt of India resolution N° 1 B.O A-R dated 19th March 1897, I am directed to forward herewith the final opinion of the Capital & Revenue revised & budget estimates of the Madras Rly for the years 1896-97 and 1897-98.

DR 14-4-97

ent.