Public Works (1897) Department.

G.O., No. 109 R

DATED 19 February 97

[Despatch Abstract.]

Requires: Letter to the Govt of India forwarding a note by the Ext of claiming Accounts on the final - the adopted on the Madras Railway Budget for ~~Europe~~ 1896-97 & 1897-98 and stating that this Govt accepts the figures recommended by that Office.

T.C 24/2/97

[P.W. 25. 5,000—30-11-96.]

Indexed. 26/2/97

BACK PAPERS.

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

FURTHER PAPERS.

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

RAILWAY.

Government {1896} of Madras.

PUBLIC WORKS.

Recd. } 1896. *Enclosures*

Regd. } *Spare copies*

G.O., No. 1073 R., 24th December 1896.

DECEMBER.

Madras Railway

Ordered that the preliminary issue of the revised and budget estimates, — (Capital and Revenue), for 1896–97 and 1897–98, with a note thereon by the Examiner of Railway Accounts, be forwarded to the Government of India.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper :—

From the Acting Agent and Manager, Madras Railway Company, dated Madras, 21st December 1896, No. 1151.

ORDER—No. 1073 R., dated 24th December 1896.

Ordered that the preliminary issue of the revised and budget estimates, Madras Railway (Capital and Revenue), for the years 1896–97 and 1897–98, together with a note thereon by the Examiner, Railway Accounts, Madras, be forwarded to the Government of India.

[Here enter No. 1074 R., dated 24th December 1896.]

(True Extract.)

(Signed) F. D. FOWLER,
Offg. Joint Secy. to Govt.,
Railway Branch.

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

Exd. C. M. Thumburswamy.

NOTE by the Examiner, Guaranteed Railway Accounts, on the Capital and Revenue Revised and Budget Estimates of the Madras Railway for 1896–97 and 1897–98.

The following table shows a comparison between the budget estimates for 1896–97 and 1897–98 and the revised estimate for 1896–97 :—

Heads of account.	Actuals, 1895–96.	Budget estimate, 1896–97.	Revised estimate, 1896–97.	Budget estimate, 1897–98.	Revised estimate compared with budget estimate, 1896–97.		Budget estimate, 1897–98, compared with revised estimate, 1896–97.	
					More.	Less.	More.	Less.
INDIAN OUTLAY.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Capital.								
Total withdrawals	22,48,950	23,00,000	23,59,647	27,36,456	59,647	..	3,76,809	..
Total payments into Treasury ..	26,89,451	26,00,000	27,00,000	27,00,000	1,00,000	..	..	..
Net demand ..	4,40,501	3,00,000	3,40,353	36,456	..	40,353	3,76,809	..
Revenue.								
Payments into Treasury—								
Administrative earnings ..	1,10,43,288	1,14,00,000	1,09,05,000	1,07,80,000	..	4,95,000	..	1,25,000
Suspense	16,25,060	15,00,000	16,00,000	15,00,000	1,00,000	..	..	1,00,000
Total ..	1,26,68,348	1,29,00,000	1,25,05,000	1,22,80,000	..	3,95,000	..	2,25,000
Withdrawals from Treasury—								
Working expenses	53,05,197	54,70,000	56,07,900	56,32,000	1,37,900	..	24,100	..
Suspense	14,89,937	15,00,000	16,00,000	15,00,000	1,00,000	..	..	1,00,000
Total ..	67,95,134	69,70,000	72,07,900	71,32,000	2,37,900	..	..	75,900
Net Earnings ..	57,38,091	59,30,000	52,97,100	51,48,000	..	6,32,90	..	1,49,100
Net Receipts ..	58,73,214	59,30,000	52,97,100	51,48,000	..	6,32,900	..	1,49,100
Surplus profits—Company's share ..	51,771	79,000	1,550	..	..	77,450	..	1,550
Contribution to Provident Institution.	9,517	15,000	50	..	..	14,950	..	50

REVISED ESTIMATE, 1896–97, COMPARED WITH BUDGET ESTIMATE FOR 1896–97.

Capital.

2. The increase on capital withdrawals is made up as under—

		RS.
(i)	Increased provision for stores	2,48,223
(ii)	Do. for suspense miscellaneous	1,85,000
	Total ...	4,33,223
Less—		
(iii)	Decrease in provision for works	3,73,576
	Net increase ...	59,647

(*a*) The increase on stores is chiefly under firewood and is due to the larger consumption of fuel by engines than provided for, owing to the heavier loads being hauled by engines.

(*b*) The increase under suspense miscellaneous is due to provision being made for landing charges, &c., incurred on material for the Bezwada-Madras Railway, which is subsequently recovered from that line.

(*c*) The decrease on works is due to several works entered in the budget not having yet been sanctioned and to other works having been put in hand late in the year.

3. The increase on payments into Treasury is chiefly due to recoveries from the Bezwada-Madras Railway on account of landing charges, &c., and to increased issues of stores to revenue.

Revenue.

4. (*a*) *Earnings.*—The decrease of Rs. 4,95,000 in earnings is due to a falling off to the extent of Rs. 1,00,000 in coaching earnings and to a heavy decline in goods traffic.

(*b*) *Suspense receipts.*—These have been increased from Rs. 15,00,000 to Rs. 16,00,000 owing to large investments of special fund balances in municipal bonds, &c.

(*c*) *Expenditure—Working expenses.*—The increase of Rs. 1,37,900 is chiefly on "Maintenance of way, works and stations" and "Locomotive and carriage and wagon expenses," and is due to the following causes :—

Maintenance of works and stations.—Increase under maintenance and renewal of permanent-way and repairs of stations and buildings.

Locomotive expenses.—Increase on fuel.

Carriage and wagon expenses.—Increase on repairs and renewals of vehicles.

(*d*) *Suspense withdrawals.*—The estimate has been increased by Rs. 1,00,000 to accord with the suspense receipts.

(*e*) *Surplus profits and contribution to the Provident Institution.*—Owing to the falling off in earnings no surplus is expected during the calendar year 1896. The provision made represents the arrears for the previous year payable during 1896-97.

5. *Expenditure in England.*—The provision has been increased from Rs. 8,66,000 to Rs. 9,26,818 and is based on the latest estimate received from the Board of Directors.

BUDGET ESTIMATE, 1897-98, COMPARED WITH REVISED ESTIMATE, 1896-97.

Capital.

6. (*a*) The increase in withdrawals is almost entirely on works and the estimate includes provision for the following :—

	RS.
(i) Alterations, &c., Bangalore City Station	83,616
(ii) Branch line from Washermanpet to Salt Cotaurs	54,100
(iii) Junction arrangements at Salt Cotaurs in connection with the East Coast Railway	80,000
(iv) Two hundred sets vacuum brake gear for carriages ...	25,684
(v) Forty-six 3rd-class carriages	31,510

(*b*) The estimate of payments into treasury has been placed at the same as figure as in the revised estimate.

Revenue.

7. (*a*) The receipts have been reduced by Rs. 2,25,000 as under—

	RS.
(i) Decrease in earnings	1,25,000
(ii) Do. in suspense	1,00,000
Total ...	2,25,000

(*b*) The reduction in earnings is due to the traffic having for some time been unfavourable and to no improvement being anticipated in the near future.

(*c*) The reduction in suspense is due to the revised estimate for the current year providing for abnormal outlay—*vide* 4 (*b*).

8. (*a*) The expenditure has been reduced by Rs. 75,900 as under—

	RS.
(i) Reduction in suspense	1,00,000
Less—	
(ii) Increase in working expenses	24,100
Total ...	75,900

(*b*) The decrease in suspense follows the similar reduction in suspense receipts.

(*c*) The increase in working expenses is small and calls for no remarks.

9. *Expenditure in England.*—The increase of Rs. 1,70,000 under outlay for stores is on the following articles :—

	RS.	RS.
Coke	24,000	
Axles carriages	50,000	
Automatic vacuum brake gear	39,000	
Carriage iron under frames	28,000	
Bridge materials	44,000	
Permanent-way materials	15,000	
Sundry stores	43,000	
		2,43,000
Less Reduction—		
Materials for construction of rolling stock	31,000	
Materials for gas plant	31,000	
Telegraph stores	11,000	
		73,000
Net ...		1,70,000

(Signed) E. A. WALLER, Major, R.E.,
Examiner, Railway Accounts.

PRELIMINARY 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	1,76,694	1,20,519
Works to be sanctioned do. B		3,13,885	15,405	3,86,120
Emergent works do. D		...	...	...
Locomotive Department.				
Sanctioned works as per schedule A		2,980	4,948	2,028
Works to be sanctioned do. B	1,81,883	1,500	6,893	4,296
Carriage and Wagon Department.				
Sanctioned works as per schedule A		40,003	21,105	26,530
Works to be sanctioned do. B		10,780	9,602	61,963
General.				
Establishment	...	...	...	...
Stores as per schedule E	17,48,205	16,51,777	19,00,000	19,10,000
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	23,59,647	27,36,456
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	25,00,000	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	27,00,000	27,00,000
Net cash demand in India on Capital Account	**4,40,501**	**3,00,000**	**3,40,353**	36,456
ENGLAND.				
Purchase of Stores.				
Indents to be sent home during the year	...	9,50,000	6,90,291	8,50,000
Previous indents to be complied with	...	3,00,000	4,36,096	3,27,205
Total	...	12,50,000	11,26,387	11,77,205
Deduct for indents estimated to be complied with in the following year	...	5,25,818	3,27,205	2,07,205
Total Outlay for Stores	6,27,607	7,24,182	7,99,182	9,70,000
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	9,26,818	10,80,182

* 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 the 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	46,25,000	46,00,000
Goods do.	61,21,191	64,95,000	61,00,000	60,00,000
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	1,09,05,000	1,07,80,000
Receipts on account of traffic appertaining to other lines	16,25,060	15,00,000	16,00,000	15,00,000
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	1,25,05,000	1,22,80,000
EXPENDITURE AS PER SCHEDULE G.				
Maintenance of way, works and stations	11,61,452	12,05,000	12,52,800	12,62,500
Locomotive expenses	20,70,377	20,98,500	21,47,200	21,36,600
Carriage and wagon expenses	5,70,423	5,78,500	6,48,500	6,52,900
Traffic expenses	8,37,851	8,69,500	8,67,100	8,57,300
General charges	5,73,511	6,15,500	6,01,100	6,22,700
Special and miscellaneous expenditure	91,583	1,03,000	91,200	1,00,000
Total (3)	53,05,197	54,70,000	56,07,900	56,32,000
Payments to other lines of their proportion of through traffic, &c.	14,89,937	15,00,000	16,00,000	15,00,000
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	72,07,900	71,32,000
Net earnings (1)—(3)	57,38,091	59,30,000	52,97,100	51,48,000
Net receipts (2)—(4)	58,73,214	59,30,000	52,97,100	51,48,000
Surplus profits Company's share	51,771	79,000	1,550	...
Contribution to Provident institution	9,517	15,000	50	...

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.	Strengthening the girders of bridges at 107/10-11 miles, North-west line.	3,423	2,919	6,342	..	3,790	3,790	2,552	..	2,552	..	..	..	..	
2	G.O., No. 132 R.	17th Feb. ,,	Converting the 30 feet arch bridge at 168/10 miles, Bangalore branch, into a girder opening.	5,450	2,379	7,829	..	..	..	4,000	2,000	6,000	1,450	379	1,829	..	
			Stations and Buildings.														
			Báyapuram.														
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	5,023	4,316	9,339	..	121	121	..	..	..	..	
			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	9,684	14,304	23,988	39	36	75	..	..	..	..	
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	2,575	3,185	5,760	1,304	4,006	5,310	..	..	..	..	
6	G.O., No. 317 R. C.E. No. 1071.	4th April ,, Do.	Do. do. ..	5,826	7,445	13,271	..	..	..	5,826	7,445	13,271	..	..	..	..	
			Perambúr.														
7	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	2,255	655	2,910	3,476	1,454	4,930	..	..	..	..	
			Perambúr Works.														
8	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	6,154	4,639	10,793	497	..	497	..	..	..	..	
9	G.O., No. 540 R.	22nd Aug. 1895.	Billiard room for Institute at Perambúr Works.	4,696	2,785	7,481	3,147	2,948	6,095	1,625	1,378	3,003	..	..	..	..	
10	G.O., No. 363 R. M.O.M. ..	21st May ,, 26th June 1896.	Bungalow for the Second Assistant Locomotive Superintendent at Perambúr Works.	4,794	3,404	8,198	..	..	..	2,000	3,000	5,000	2,794	404	3,198	..	
11	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	8,094	927	9,021	410	2,440	2,850	..	..	..	..	
12	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	..	..	..	10,000	12,000	22,000	10,211	5,535	15,546	..	
13	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	..	..	..	513	4,624	5,137	..	..	..	..	
			Tiruvallúr.														
14	G.O., No. 434 R.	13th May 1896.	Alterations and additions, &c., to the station-house at Tiruvallúr.	6,230	1,012	7,242	..	..	..	6,230	1,012	7,242	..	..	..	..	
			Jalarpet.														
15	G.O., No. 899 R.	24th Dec. 1895.	Assistant Traffic Manager's bungalow at Jalarpet.	5,843	4,255	10,098	28	50	78	5,500	4,000	9,500	315	205	520	..	
16	G.O., No. 23 R.	9th Jan. 1896.	Assistant Traffic Manager's office at Jalarpet.	3,906	2,193	6,099	433	4	437	3,373	2,189	5,562	100	..	100	..	
17	G.O., No. 23 R.	9th ,, ,,	Converting the Assistant Traffic Manager's bungalow into an Institute at Jalarpet.	3,277	3,196	6,473	..	..	..	1,000	2,500	3,500	2,277	696	2,973	..	
			Gudupalli.														
18	G.O., No. 527 R.	20th Aug. 1895.	Station-house at Gudupalli	4,559	1,511	6,070	1,423	1,441	2,864	2,058	1,067	3,125	..	..	..	..	
			Bisanattam.														
19	G.O., No. 494 R. M.O.M. ..	3rd Aug. 1895. 26th June 1896.	Through siding, &c., at Bisanattam ..	2,484	6,299	8,783	790	194	984	1,694	6,105	7,799	..	..	..	..	
			Bowringpet.														
20	G.I. No. 719 R.C. G.O., No. 436 R. C.E. No. 199 .. M.O.M. ..	31st July 1894. 15th Aug. ,, 19th Jan. 1895. 28th Feb. 1896.	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	2,614	700	13,314	..	..	..	..	

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.*	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
			Stations and Buildings—cont.														
			Whitefield (Watering Station).														
21	G.O., No. 964 R.	14th Nov. 1896.	Water from Nullah at 203/14 miles, Bangalore branch.	3,105	14,873	17,978	..	..	..	1,000	5,000	6,000	2,105	9,873	11,978	..	
			Bangalore City.														
22	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 ,, ,,	Alteration 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	20,000	75,000	95,000	83,616	32,512	1,16,128	..	
23	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.														
24	G.O., No. 557 R. M.O.M. ..	29th Aug. 1895. 30th Sept. 1896.	Watering arrangement at Pódanúr (from Noyil river).	2,477	5,341	7,818	2,303	4,280	6,583	174	691	865	..	..	..	..	
25	G.O., No. 137 R.	18th Feb. 1896.	Alterations and additions to station-house at Pódanur.	9,749	6,814	16,563	..	..	..	6,000	6,000	12,000	3,749	814	4,563	..	
			Méttupálaiyam.														
26	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	..	..	..	2,018	..	2,018	..	
			Nagari.														
27	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	115	4,122	4,237	..	..	..	..	
			Nandalúru.														
28	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	15,041	38,503	2,000	..	2,000		
29	G.O., No. 926 R.	27th Oct. ,,	Watering arrangements at Nandalúru ..	4,299	4,867	9,166	..	..	..	2,000	3,000	5,000	2,299	1,867	4,166	..	
			Mangapatnam.														
30	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.														
31	G.O., No. 849 R.	8th Oct. 1896.	Double bungalow for European and East Indian drivers at Gooty.	4,733	1,673	6,406	..	..	..	2,000	1,500	3,500	2,733	173	2,906	..	
32	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	..	..	..	..	
33	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	..	..	..	..	
34	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	..	..	..	..	
35	G.O., No. 392 R.	27th April ,,	Five houses for Native Station and Assistant Stationmasters on South-west and North-west lines.	3,102	2,063	5,165	..	..	..	3,102	2,063	5,165	..	..	..	..	
36	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	2,877	2,594	5,471	..	..	..	..	
			Electric Telegraph.														
37	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	..	
38	G.O., No. 111 R. M.O.M. ..	1st Feb. 1889. 28th Feb. 1896.	Single needle instruments, 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	..	
39	G.O., No. 429 R. M.O.M.	15th Aug. 1894. 30th July 1896.	Lighting the Arkonam station and yard by electricity. Sanctioned minor works as per Schedule C.	3,830 54,405	12,170 68,227	16,000 1,22,632	.. 16,245	.. 20,143	.. 36,388	2,870 38,575	9,130 48,656	12,000 87,231	960 1,946	3,040 2,429	4,000 4,375	.. ..	
			Total, Engineering Department ..	5,88,738	5,84,721	11,73,459	2,91,736	2,91,628	5,83,364	1,76,694	2,39,168	4,15,862	1,20,519	60,961	1,81,480	..	

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.
			LOCOMOTIVE DEPARTMENT.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
1	G.O., No. 682 R. G.I. No. 417 R.S.	11th Dec. 1894. 3rd ,, ,,	Fitting automatic vacuum brake gear for fifteen engines.	750	12,270	13,020	1,795	10,866	12,661	..	1,404	1,404	..	..	..	..	Revised estimate has been submitted—see also schedule B.
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	..	..	..	..	
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 ..	7,726	88,428	96,154	1,795	10,866	12,661	4,948	23,920	28,868	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.	1,250	27,098	28,348	1,511	23,253	24,764	..	3,845	3,845	..	..	..	..	
2	G.O., No. 642 R. G.I. No. 302 R.S.	28th July 1896. 13th ,, ,,	Do. do. do.	5,000	22,380	27,380	..	..	..	..	..	..	5,000	22,380	27,380	..	Revised estimate has been submitted—see also schedule B.
3	G.O., No. 804 R.	21st Sept. ,,	Do. do. do.	6,421	18,986	25,407	13,161	78,114	91,275	6,421	18,986	25,407	..	..	..	..	
4	G.O., No. 3-A. 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	..	..	..	..	45,000	45,000	..	18,165	18,165	..	Revised estimate has been submitted—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	734	3,795	4,459	..	..	..	..	
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	..	..	..	8,350	42,050	50,400	16,730	59,680	76,410	..	
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	2,078	33,375	36,353	..	..	..	..	
			Sanctioned minor works as per Schedule C.	60	1,145	1,205	3	552	555	57	598	650	..	..	..	..	
			Total, Carriage and Wagon Department.	64,542	3,75,838	4,40,380	17,464	1,07,391	1,24,855	21,105	1,58,860	1,79,965	26,530	1,09,425	1,35,955	..	
			Total, Schedule A ..	6,61,006	10,48,987	17,09,993	3,10,995	4,09,885	7,20,880	2,02,747	4,21,948	6,24,695	1,49,077	2,24,028	3,73,105	..	

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.	
			Stations and Buildings.														
			Ráyapuram.														
1	..	..	Export and import sheds and sidings at Ráyapuram.	12,406	35,644	48,050	..	..	..	2,000	10,000	12,000	10,406	25,644	36,050	..	
2	..	..	Branch line and siding for harbour coal traffic at Ráyapuram.	5,156	18,672	23,828	..	..	..	..	..	..	5,156	18,672	23,828	..	
3	..	..	Madras Railway and South Indian Railway joint station and line within the limits of Ráyapuram yard.	55,675	51,376	1,07,051	..	..	..	..	..	..	15,000	15,000	30,000	77,051	
			Washermanpet.														
4	..	..	Branch line from Washermanpet to Salt Cotaurs.	71,734	30,289	1,02,023	..	..	..	..	..	..	54,100	30,289	84,389	17,634	
5	..	..	Junction station at Washermanpet and extension to Ráyapuram.	49,068	6,587	55,655	..	..	..	..	..	..	19,000	6,587	25,587	30,068	
			Salt Cotaurs.														
6	..	..	Junction arrangement at Salt Cotaurs in connection with East Coast Railway.	3,79,204	70,369	4,49,573	..	..	..	..	..	..	80,000	40,000	1,20,000	3,29,573	
			Central Station.														
7	..	..	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.														
8	..	..	Bungalow for First Assistant Locomotive Superintendent at Perambúr Works.	5,405	4,157	9,562	..	..	..	..	..	..	5,405	4,157	9,562	..	
9	..	..	Bungalow for Medical officer	5,601	3,999	9,600	..	..	..	..	..	..	5,601	3,999	9,600	..	
			Arkonam.														
10	..	..	Improvements and additions to the station yard at Arkonam.	54,286	37,260	91,546	..	..	..	3,500	6,500	10,000	21,268	3,663	24,931	56,615	
			Thalangai.														
11	..	..	Platform, lay-bye, loading bank, goods godown and new feeder road at Thalangai.	4,272	3,879	8,151	..	..	..	..	..	..	..	..	..	8,151	
			Jalarpet.														
12	..	..	Watering arrangement at Jalarpet ..	6,723	4,171	10,894	..	..	..	1,000	3,000	4,000	5,723	1,171	6,894	..	
			Bangalore City.														
13	..	..	Five houses for Eurasian joint clerks at Bangalore City.	13,445	2,980	16,425	..	..	..	..	..	..	13,445	2,980	16,425	..	
			Mangalam.														
14	..	..	Extension of goods godown, lay-bye and cross over road at Mangalam.	1,377	4,678	6,055	..	..	..	..	..	..	1,377	4,678	6,055	..	
			Pódanúr.														
15	..	..	Proposed Institute at Pódanúr	3,812	3,270	7,082	..	..	..	549	1,706	2,255	3,263	1,564	4,827	..	
16	..	..	Proposed further alterations and additions to station-house at Pódanúr.	6,733	7,037	12,770	..	..	..	733	2,000	2,733	6,000	5,037	11,037	..	
			Walayar.														
17	..	..	Catch siding at Walayar	4,035	12,654	16,689	..	..	..	2,000	10,000	12,000	2,035	2,654	4,689	..	
			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	..	
19	..	..	Bungalow for Assistant Engineer at Gooty.	7,280	3,627	10,907	..	..	..	2,000	3,000	5,000	5,280	627	5,907	..	
			Miscellaneous.														
20	..	..	Two lay-byes	1,880	4,406	6,286	..	..	..	..	..	..	1,880	4,406	6,286	..	
21	..	..	Four platforms	12,252	5,528	17,780	..	..	..	..	..	..	12,252	5,528	17,780	..	
22	..	..	Two complete stations	13,182	9,606	22,788	..	..	..	..	..	..	13,182	9,606	22,788	..	
23	..	..	Two crossing stations	5,952	17,404	23,356	..	..	..	..	..	..	5,952	17,404	23,356	..	
24	..	..	Four double bungalows for guards ..	16,608	5,744	22,352	..	..	..	..	..	..	16,608	5,744	22,352	..	
25	..	..	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.*			
26	..	..	Twenty-five houses for subordinate staff (Traffic Department).	7,319	3,156	10,475
27	..	..	Distant signals for six stations, South-west and North-west lines.	1,320	5,016	6,336
			Electric Telegraph.			
28	..	..	Proposed upper storey for Telegraph Engineer's office at Arkonam	4,552	2,396	6,948
29	..	..	Power house for electric lighting installation at Arkonam.	6,000	1,300	7,300
30	..	..	Proposed additions to Telegraph Workshops at Arkonam.	8,164	2,893	11,057
31	..	..	Proposed shed, &c., in Telegraph store yard at Arkonam.	2,07	6,134	8,210
			Total ..	7,79,052	3,83,345	11,62,397
			Unsanctioned minor works as per Schedule C.	43,844	30,314	74,158
			Total, Engineering Department ..	8,22,896	4,13,659	12,36,555
			LOCOMOTIVE DEPARTMENT.			
1	..	..	Fitting automatic vacuum brake gear for 15 engines.	7,938	3,493	* 11,431
2	..	..	Six locomotive engines	..	15,000	15,000
3	..	..	Six sets automatic vacuum brake gear ..	300	5,660	5,960
4	..	..	Ten do. do. do. ..	3,996	10,624	14,620
			Total, Locomotive Department ..	12,234	34,777	47,011
			CARRIAGE AND WAGON DEPARTMENT.			
1	..	..	Fitting automatic vacuum brake gear for 50 carriages.	4,199	Cr. 1,026	† 3,173
2	..	..	Fitting carriages with apparatus for gas lighting.	8,345	49,162	‡ 57,507
3	..	..	Two tool vans	1,240	5,760	7,000
4	..	..	Two tank wagons for carrying kerosine oil, 15 tons.	1,540	6,360	7,900
5	..	..	Two hundred sets vacuum brake gear for carriages.	25,684	75,944	1,01,628
6	..	..	Forty-six third-class carriages	31,510	1,64,473	1,95,983
			Total, Carriage and Wagon Department.	72,518	3,00,673	3,73,191
			Total, Schedule B ..	9,07,648	7,49,109	16,56,757

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.			
			ENGINEERING DEPARTMENT.	RS.	RS.	RS.
			Bridgework.			
1	C.E. No. 725 .. M.O.M. ..	4th Mar. 1896. 28th Oct. ,,	Strengthening girders of bridge No. 82 at 175/16 miles, Bangalore Branch.	375	2,429	2,804
2	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

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	..	
..	..	..	11,782	36,206	47,988	3,45,899	2,49,418	5,95,317	5,19,092	
..	..	..	3,623	5,441	9,064	40,221	24,873	65,094	..	
..	..	..	15,405	41,647	57,052	3,86,120	2,74,291	6,60,411	5,19,092	
..	..	..	6,893	3,493	10,386	..	..	..	..	* Difference between the original and revised estimates-see also schedule A.
..	..	..	..	..	..	..	~~15,000~~	~~15,000~~	..	
..	..	..	..	..	..	300	5,660	5,960	..	
..	..	..	..	..	..	3,996	10,624	14,620	..	
..	..	..	6,893	3,493	10,386	4,296	31,284	35,580	..	
..	..	..	3,938	Cr. 1,026	2,912	..	..	..	..	† Do.
..	..	..	5,664	..	5,664	1,989	49,162	51,151	..	‡ Do.
..	..	..	..	..	..	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	..	
..	..	..	9,602	Cr. 1,026	8,576	61,963	3,01,699	3,63,662	..	
..	..	..	31,900	44,114	76,014	4,52,379	6,07,274	10,59,653	5,19,092	

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.	
..	..	..	..	..	..	375	2,429	2,804	..	
..	..	..	1,607	312	1,919	..	..	..	..	

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.														
			Ráyapuram.														
3	C.E. No. 66 ..	9th Jan. 1895.	Supplying Red Hills water to engines at Ráyapuram.	342	2,255	2,597	28	98	126	314	2,157	2,471	..	..	..	..	
	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	..	..	..	200	262	462	1,023	..	1,023	..	
	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	..	..	..	938	401	1,339	..	..	..	..	
7	C.E. No. 3067..	28th Sept. ,,	Traffic siding at Ráyapuram	468	4,005	4,473	..	..	..	468	4,005	4,473	..	..	..	..	
			Central Station.														
8	G.I. No. 450/R.S.	20th Dec. 1893.	Shed for making gas at Central Station ..	2,128	867	2,995	4,265	3,662	7,927	101	55	156	..	..	..	..	A revised estimate for Rs. 8,082-8-2 has been submitted for sanction.
	G.O. No. 3/A. R.	8th Jan. 1894.															
	M.O.M. ..	24th Jan. 1896.															
			Perambúr Works.														
9	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	932	1,533	2,465	..	..	..	..	
	M.O.M.	27th Mar. 1896.															
10	C.E. No 2217..	25th July ,,	Additions and alterations to tyre shop at Perambúr.	303	1,360	1,663	..	..	..	303	1,360	1,663	..	..	..	..	
11	C.E. No. 1884..	22nd June ,,	Interlocking points and signals at west end of Perambúr Works.	247	2,899	3,146	..	..	..	247	2,899	3,146	..	..	..	..	
			Manur.														
12	C.E. No. 3664..	18th Nov. 1895.	Station-house at Manur	2,902	1,217	4,119	846	845	1,691	2,059	438	2,497	..	..	..	..	
			Mosur.														
13	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.														
14	C.E. No. 1070..	27th Mar. 1895.	Well for supplying water to station rooms and sodawater manufactory at Arkonam.	987	969	1,956	1,019	634	1,653	117	342	459	..	..	..	..	
	M.O.M. ..	24th Jan. 1896.															
15	C.E. No. 2983..	30th Sept. 1895.	Cast iron tank at Arkónam	120	952	1,072	34	425	459	140	513	653	..	..	..	..	
	M.O.M. ..	29th May 1896.															
16	C.E. No. 2772..	5th Sept. ,,	Completing the workshop siding at Arkonam.	415	3,248	3,663	..	..	..	415	3,248	3,663	..	..	..	..	
			Arcot.														
17	C.E. No. 2728..	27th Aug. 1895.	Six houses for subordinate staff at Arcot.	805	429	1,234	..	..	..	805	429	1,234	..	..	..	..	
	M.O.M. ..	30th Sept. 1896.															
			Gudiyáttam.														
18	C.E. No. 1970..	29th June 1896.	Sinking a new well, 30 feet diameter, at Gudiyáttam.	2,278	..	2,278	..	..	..	2,278	..	2,278	..	..	..	..	
			Ambúr.														
19	C.E. No. 2802..	8th Sept. 1896.	Alterations and additions to station-house at Ambúr.	497	13	510	..	..	..	497	13	510	..	..	..	..	
			Vinnamangalam.														
20	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.														
21	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.															
22	C.E. No. 2961 ..	19th Sept. 1895.	Travelling Auditor's bungalow at Jalarpet.	2,035	932	2,967	585	914	1,499	1,441	369	1,810	..	..	..	..	
23	C.E. No. 3082 ..	1st Oct. ,,	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. ..	30th Sept. 1896.															
24	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.															
25	C.E. No. 966 ..	24th Mar. ,,	Conversion of reading room into quarters for schoolmistress at Jalarpet.	2,149	1,039	3,188	..	..	..	2,149	1,039	3,188	..	..	..	..	
			Gudupalli.														
26	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 ,,															

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.
			Bowringpet.			
27	C.E. No. 357 ..	4th Feb. 1896.	Bungalow for the use of the Eurasian Carriage Examiner at Bowringpet.	557	648	1,205
28	C.E. No. 1534..	18th May ,,	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
29	C.E. No. 1174..	15th April 1896.	Removing and refixing engine turn-table and alteration of sidings at Bowringpet.	391	2,453	2,844
30	C.E. No. 1806..	13th June 1896.	Locomotive siding at Bowringpet ..	944	1,386	2,330
31	C.E. No. 3211..	12th Oct. ,,	Proposed foot bridge at Bowringpet ..	616	4,230	4,846
			Bangalore City.			
32	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
			Kadiampatti.			
33	C.E. No 1095..	8th Apl. 1896.	Raising tank at Kadiampatti	1,041	51	1,092
34	C.E. No. 680 ..	28th Feb. ,,	Watering arrangement at 204-2 miles,	1,023	135	1,158
	M.O.M. ..	30th Sept. ,,	South-west line.			
			Pódanúr.			
35	C.E. No. 3864..	3rd Dec. 1895.	Converting Locomotive workshop into Running drivers' quarters.	1,028	766	1,794
36	C.E. No. 3955..	9th ,, ,,	Double bungalow for family guards at Pódanúr.	2,990	1,459	4,449
			Walayar.			
37	C.E. No. 3178..	9th Oct. 1895.	House for Assistant Stationmaster at	670	489	1,159
	M.O.M. ..	28th Feb. 1896.	Walayar.			
	M.O.M. ..	30th Sept. ,,				
			Olavakkót.			
38	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
39	C.E. No. 1351..	29th April ,,	Siding for tile work on Palghat branch near Olavakkót.	180	1,546	1,726
			Palghat.			
40	C.E. No. 3999..	15th Dec. 1896.	Proposed brick wall in lieu of mat walking at the station-house and latrine at Palghat.	1,348	113	1,461
			Edakkolam.			
40½	C.E. No. 391 ..	6th Feb. 1896..	Loading bank at Edakkolam	2,169	134	2,303
			Tirutani.			
41	C.E. No. 3265..	16th Oct. 1895.	Train-protecting bars at Tiruttani ..	126	1,033	1,159
	M.O.M. .	27th Mar. 1896.				
			Puttúr.			
42	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.			
43	C.E. No. 1547..	13th May 1895.	Supplementary estimate for interlocking	86	2,161	2,247
	M.O.M. ..	24th Jan. 1896.	points and signals at Mámandúru.			
	M.O.M. ..	29th May ,,				
			Cuddapah.			
44	C.E. No. 3696..	21st Nov. 1896.	Ash pits and water column at Cuddapah ..	646	1,594	2,240
			Guntakal.			
45	C.E. No. 2945 ..	18th Sept. 1896.	New cross over road and additional siding at Guntakal.	172	1,466	1,638
			Miscellaneous.			
46	C.E. No. 656 ..	27th Feb. 1896.	Foolscap size printing machine with type	..	1,500	1,500
	M.O M.	2nd Dec ,,	and accessories.			
			Total, Engineering Department carried to Schedule A.	54,405	68,227	1,22,632

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.	
84	7	91	473	641	1,114	..	..	..	..	
..	..	..	1,598	843	2,441	..	..	..	..	
..	..	..	391	2,453	2,844	..	..	..	..	
..	..	..	944	1,386	2,330	..	..	..	..	
..	..	..	616	4,230	4,846	..	..	..	..	
..	..	..	2,782	1,193	3,975	..	..	..	..	
..	..	..	1,041	51	1,092	..	..	..	..	
..	..	..	1,023	135	1,158	..	..	..	..	
229	369	598	799	397	1,196	..	..	..	..	
21	402	423	2,969	1,057	4,026	..	..	..	..	
487	439	926	183	38	221	..	..	..	..	
9	..	9	1,778	2,974	4,752	..	..	..	..	
..	..	..	180	1,546	1,726	..	..	..	..	
..	..	..	800	113	913	548	..	548	..	
..	..	..	2,169	134	2,303	..	..	..	..	
..	..	..	126	1,033	1,159	..	..	..	..	
546	1,726	2,272	86	2,023	2,109	..	..	..	..	
86	2,089	2,175	..	72	72	..	..	..	..	
..	..	..	646	1,594	2,240	..	..	..	..	
..	..	..	172	1,466	1,638	..	..	..	..	
..	..	..	..	1,500	1,500	..	..	..	..	
16,245	20,143	36,388	38,575	48,656	87,231	1,946	2,429	4,375	..	

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.
			LOCOMOTIVE DEPARTMENT.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
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 ..	54,585	70,426	1,25,011	16,248	20,695	36,943	38,752	50,303	89,055	1,946	2,429	4,375	..	
			UNSANCTIONED WORKS.														
			ENGINEERING DEPARTMENT.														
			Bridgework.														
1	C.E. No. 2333 ..	31st July 1896..	Masonry pier for bridge at 175/5 miles, Bangalore Branch.	807	114	921	..	..	..	807	114	921	..	..	..	..	
			Stations and Buildings.														
			Central Station.														
2	..	..	Proposed reading-room at Central Station.	2,427	1,920	4,347	..	..	..	427	1,000	1,427	2,000	920	2,920	..	
			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	..	
			Perambúr Works.														
5	..	..	Two examining pits in carriage-lifting shed for repairs, &c., at Perambúr Works.	993	875	1,868	..	..	..	..	..	..	993	875	1,868	..	
6	..	..	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	..	
7	..	..	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.														
8	..	..	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	..	
9	..	..	Bungalow for Permanent-way Inspector at Arkónam.	2,262	1,248	3,510	..	..	..	..	..	..	2,262	1,248	3,510	..	
10	..	..	Proposed house for platform constable at Arkónam.	1,895	839	2,734	..	..	..	..	..	..	1,895	839	2,734	..	
			Patchur.														
11	..	..	Third-class waiting room and booking office at Patchur.	386	278	664	..	..	..	386	278	664	..	..	..	..	
			Mulanur.														
12	..	..	Extension of siding at Mulanur	1,925	1,577	3,502	..	..	..	..	..	..	1,925	1,577	3,502	..	
			Bowringpet.														
13	..	..	Roof over goods platform at Bowringpet.	745	1,154	1,899	..	..	..	..	..	..	745	1,154	1,899	..	
14	..	..	Increasing capacity of tank at Bowringpet.	3,474	98	3,572	..	..	..	400	98	498	3,074	..	3,074	..	
			Krishnarajapuram.														
15	..	..	Widening space between main line and through siding and alteration of sidings, &c., at Krishnarajapuram.	2,172	2,446	4,618	..	..	..	1,000	2,000	3,000	1,172	446	1,618	..	

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.			
			Bangalore Cantonment.			
16	..	..	New engine turn-table, 50 feet diameter, in lieu of the existing one at Bangalore Cantonment.	447	1,403	1,850
17	..	..	Police station at Bangalore City ..	1,374	709	2,083
			Salem.			
18	..	..	Enlargement of refreshment room at Salem.	815	239	1,054
			Méttupálaiyam.			
19	..	..	House for Native Carriage Examiner at Méttupálaiyam.	952	345	1,297
			Rénigunta.			
20	..	..	Watering arrangement to be improved at Thocock.	3,052	..	3,052
			Kódúru.			
21	..	..	Raising tank at Kódúru	967	42	1,009
			Kámalápuram.			
22	..	..	Raising tank at Kámalápuram	1,784	..	1,784
			Timmancherla.			
23	..	..	Goods siding to be connected with main line on north side of the yard at Timmancherla.	952	2,775	3,727
			Miscellaneous.			
24	..	..	Two loading banks	4,518	..	4,518
25	..	..	Two goods godowns	1,264	2,556	3,820
26	..	..	Two trial stations	1,000	..	1,000
			Electric Telegraph.			
27	..	..	Fixing lightning-conductors to the buildings at Bangalore City.	500	1,000	1,500
28	..	..	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
29	..	..	Telephone circuit with two wires between Central station, Veyasarpaudy and Washermanpet block houses; also two additional telephones, one for Ráyapuram block house and one for Washermanpet.	229	1,242	1,471
			Total, Engineering Department carried to Schedule B.	43,844	30,314	74,158

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.	
..	..	..	..	..	..	447	1,403	1,850	..	
..	..	..	374	709	1,083	1,000	..	1,000	..	
..	..	..	..	..	..	815	239	1,054	..	
..	..	..	..	..	..	952	345	1,297	..	
..	..	..	..	..	..	3,052	..	3,052	..	
..	..	..	..	..	..	967	42	1,009	..	
..	..	..	..	..	..	1,784	..	1,784	..	
..	..	..	..	..	..	952	2,775	3,727	..	
..	..	..	..	..	..	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	..	
..	..	..	229	1,242	1,471	..	..	..	..	
..	..	..	3,623	5,441	9,064	40,221	24,873	65,094	..	

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	..	2,13,970	..	2,08,800
Total	..	..	17,48,205	..	19,00,000	..	19,10,000
In England.							
Coke	Tons.	1,272	14,955	..	..	1,200	24,000
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	..	2,000
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	..	39,662	..	8,500
Locomotives engines and tenders	No.	4	1,04,029	6	1,56,000	6	1,56,000
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	..	3,25,105	..	3,40,000
Materials for tarpaulins	..	..	..	..	2,000	..	2,000
Telegraph stores	..	..	..	..	17,857	..	6,998
Sundry stores	..	..	43,751	..	92,341	..	1,35,402
Total	..	..	6,27,607	..	7,99,182	..	9,70,000
Total, Schedule E	..	..	23,75,812	..	26,99,182	..	28,80,000

Memorandum.

	Rs.
Actual balance of stores on hand on 1st April 1896	26,13,394
Estimated purchases during 1896–97 as above	26,99,182
Total	53,12,576
Estimated issues during 1896–97	29,66,062
Estimated balances on 1st April 1897	23,46,514
Estimated purchases during 1897–98	28,80,000
Total	52,26,514
Estimated issues during 1897–98	33,31,302
Estimated balances on 1st April 1898	18,95,212

English Transactions.

	1897–98. Rs.
Indents to be sent home during the year	8,50,000
Add—for indents of previous year expected to be complied with in official year	3,27,205
Add—English establishment charges	1,10,182
Total	12,87,387
Deduct—Amount of orders not expected to be complied with until next year	2,07,205
Net capital cash transactions in England	10,80,182

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	46,25,000	46,00,000
Goods do.	61,21,191	64,95,000	61,00,000	60,00,000
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	1,09,05,000	1,07,80,000
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	5,00,000	5,20,000
3. Repairs of bridges, wages and materials ...	1,06,534	1,35,000	1,10,000	1,00,000
3-A. Conservancy of rivers	...	...	...	...
4. Repairs of stations and buildings, wages and materials	1,31,142	1,50,000	1,75,000	1,75,000
5. Maintenance by contract	12,404	25,000	25,000	25,000
6. New minor works	2,23,267	2,10,000	2,10,000	2,10,000
7. Unclassified expenditure				
Total ...	11,79,042	12,20,000	12,70,000	12,80,000
Deduct sum chargeable to Fire Insurance Fund	106	...	...	...
	11,78,936	12,20,000	12,70,000	12,80,000
Deduct cost of working Kolar Gold Fields Railway	17,484	15,000	17,200	17,500
	11,61,452	12,05,000	12,52,800	12,62,500
Deduct cost of working Madras-Ennore line	...	...	..	...
Total ...	11,61,452	12,05,000	12,52,800	12,62,500
Locomotive Expenses.				
1. General superintendence	1,34,327	1,33,000	1,41,621	1,46,500
2. Running expenses (wages connected with the working of locomotive engines) ...	3,55,864	3,65,000	3,50,913	3,58,000
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	5,35,052	5,20,000
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	1,91,534	1,90,000
Total ...	21,01,074	21,28,500	21,89,207	21,78,300
Deduct sum chargeable to Fire Insurance Fund	317	...	...	...
	21,00,757	21,28,500	21,89,207	21,78,300
Deduct cost of working Kolar Gold Fields Railway	30,380	30,000	29,571	29,800
	20,70,377	20,98,500	21,59,636	21,48,500
Deduct cost of working Madras-Ennore line	...	...	12,436	11,900
Total ...	20,70,377	20,98,500	21,47,200	21,36,600

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	40,555	43,800
2. Repairs and renewals of vehicles	4,05,504	4,00,000	4,75,741	4,80,000
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	64,190	64,000
4. New minor works	...	2,000	...	...
5. Unclassified expenditure	60,163	70,000	70,885	68,000
Total ...	5,79,200	5,88,000	6,61,212	6,65,600
Deduct sum chargeable to Fire Insurance Fund	15	...	...	...
	5,79,185	5,88,000	6,61,212	6,65,600
Deduct cost of working Kolar Gold Fields Railway	8,762	9,500	8,932	9,100
	5,70,423	5,78,500	6,52,280	6,56,500
Deduct cost of working Madras-Ennore line	...	...	3,780	3,600
Total ...	5,70,423	5,78,500	6,48,500	6,52,900
Traffic Expenses.				
1. Salaries, wages, &c.	6,29,805	6,40,000	6,45,000	6,50,000
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	80,000	80,000
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	8,84,000	8,74,000
Deduct sum chargeable to Fire Insurance Fund	23	200	...	...
	8,50,143	8,80,800	8,84,000	8,74,000
Deduct cost of working Kolar Gold Fields Railway	12,292	11,300	11,950	11,920
	8,37,851	8,69,500	8,72,050	8,62,080
Deduct cost of working Madras-Ennore line	...	...	4,950	4,780
Total ...	8,37,851	8,69,500	8,67,100	8,57,300
General Charges.				
1. Home expenditure	74,269	74,000	80,000	80,000
2. Salaries of Indian management including offices	2,74,553	2,81,000	2,90,000	2,90,000
3. Police	36,738	39,000	37,000	39,000
4. Advertising (all advertisements of all departments)	4,689	6,000	6,000	6,000
5. Electric telegraph	1,35,097	1,63,500	1,50,000	1,71,000

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	6,20,000	6,41,000
Deduct sum chargeable to Fire Insurance Fund	8,228	6,000	7,000	6,000
	5,82,071	6,22,500	6,13,000	6,35,000
Deduct cost of working Kolar Gold Fields Railway	8,560	7,000	8,380	8,780
	5,73,511	6,15,500	6,04,620	6,26,220
Deduct cost of working Madras-Ennore line	...	...	3,520	3,520
Total ...	5,73,511	6,15,500	6,01,100	6,22,700
Special and Miscellaneous Expenditure.				
1. Law charges	3,688	3,500	1,500	3,500
2. Compensation	2,037	3,000	2,500	3,000
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	6,500	8,000
5. Prizes for station gardens, &c.	550	1,000	1,000	1,000
6. Contributions 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	93,500	1,02,000
Deduct sum chargeable to Fire Insurance Fund	1	...	500	...
	93,031	1,04,000	93,000	1,02,000
Deduct cost of working Kolar Gold Fields Railway	1,448	1,000	1,266	1,400
	91,583	1,03,000	91,734	1,00,600
Deduct cost of working Madras-Ennore line	...	...	534	600
Total ...	91,583	1,03,000	91,200	1,00,000

(Signed) A. EDWARD,
for Ag. Agent and Manager.

MADRAS,
21st December 1896.

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

Public Works (1897) Department.

CURRENT No. 1218

Order No.: 427 & 5/2/97.

Copy forwarded to the Agent & Manager M. R. with a request that the report therein asked for may be furnished to this office not later than the 15th inst.

CMM 4/2
for ER
3-2-97

From
The Govt of India
P.W.D.

No. 63 A.R.

Dated 29th January 1897

Received 3.2.97

Enclosures

Spare copies

SUBJECT.

Preliminary Issue of Revised and Budget Estimates M Ry (Capl & Rev) for 1896-97 & 97-98

Calling for a report showing the final figures recommended for adoption for the above.

5/2/97

Department

Etc.
3/2/97

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

All communications should be addressed to the Secretary.

No. 63 A.R.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.
Railway.

To The Joint Secretary to the
Government of Madras,
Public Works Department,
Railway Branch.

Calcutta, the 29th January, 1897.

Sir,

I am directed to acknowledge the receipt of your letter No. 1074 R, dated 24th December 1896, forwarding the Capital and revenue Revised and Budget Estimates of the Madras Railway for the current and ensuing official years, and to request that the Government of India may be furnished with a report, which should reach this office by the 26th February 1897, at latest, showing the figures which are recommended finally for adoption under all heads of the capital and revenue estimates.

I have the honour to be,
Sir,
Your most obedient servant,
R. W. Burn

Offg: Under Secy: to the Govt of India

Documents accompanying:-
Nil.

(No. II.) 5,000—11-11-85.

No. 9752
145

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

MADRAS, 12th February 1897.

From

The Actg. *Agent and Manager,*
M. R. Coy.

To

The *Consulting Engineer for Railways,*
Madras.

SIR,

With reference to your Nos 384 and 427 dated the 29th ultimo and 5th instant respectively, I have the honour to forward herewith copy of a letter No. A 3/101/197 of the 11th instant, from the Company's Chief Auditor furnishing the desired information.

I have the honour to be,
Sir,
Your most obedient Servant,
A. Edwards.
for Actg. Agent & Manager.

Enclosure.

G. No. 710
Recd. 13/2/97

MADRAS RAILWAY.

From The Agent and Manager.

To

The Consulting Engineer
for Railways.

Dated 188

Recd.

No.

Madras Railway Company,
Chief Auditor's Office,
Madras 11th February 1897

No. A2/101/197

The Ag Agent and Manager.
M.R.C

Dear Sir,

Budget Estimate 1897-1898.

With reference to your endorsement No 9752 dated 1st and 6th instant on copy of communication from Government of India P.W.D. No 63 A.R dated 29th ultimo and Consulting Engineer's letters Nos 384 and 427 dated 29th ultimo and 5th instant, I beg to inform you that the following modifications should be made in the Revised and Budget Estimates for 1896-97 and 1897-98

Schedule A. 96-97

Loco: Item 1. Fitting automatic vacuum brake gear for 15 Engines

Carriage Item 1. —— do —— do —— 50 Carriages

make no difference in total
- ference in total
- moved a transfer
from Schedule B to A.

The provision for these should be in accordance with the Revised Estimate sanctioned in G.O. No 444 R. dated 21st January 1897 and the provision in Schedule B on account of these two items should be removed.

Carriage Item 5. Two Tank Wagons for carrying oil 15 tons

Difference - Short outlay - Rs 65 only -

This work has been completed and the provision for 1896-97 should be amended as follows to agree with the actual expenditure:-

	Cash	Stores	Total
	Rs 669-5-7	Rs 2,590-12-8	Rs 3,260-2-3.

Carriage Item 7. Two Bogee Composite carriages &c.

The provision for this should be altered as follows:-

	Cash	Stores	Total
1896-97	Rs 10,500	Rs 42,050	Rs 52,550
1897-98	Rs 14,580	Rs 59,680	Rs 74,260

Carriage Item 9. Twenty five Timber Trucks.

This work has been completed and the figures for 1896-97 should be altered to agree with the actual expen-diture as follows:-

	Cash	Stores	Total
1896-97	Rs 2,524-15-7	Rs 35,331-14-10	Rs 37,856-14-5.

Schedule B.

Item 2. Six Locomotive Engines.

The figures for this item should be revised as follows:-

Cash	Stores	Total
-	Rs 22,550	Rs 22,550

The Ag Chief Engineer writes:-

"Schedule G. I intend increasing the provision made in "Budget Estimate 1897-98 under "Repairs of Bridges, Wages and "Materials" from Rs 100,000 to Rs 2,00,000 to meet a portion of the "probable additional expenditure on strengthening of Girder "Bridges as desired by the Board in their letter No 9444 of 6th "November 1896".

"The Estimate amounting to Rs 6,535/- sanctioned in G.O. "No 56 R dated 26th January 1897 for the extension of the through "siding on the Ennur line at Washermanpet now entered in "the Preliminary Budget Estimate for the Madras - Ennur section "will be included in the Final issue of the Madras Railway "Budget Estimate for 1897-98 as funds for this work will be "supplied from Madras Railway Capital."

Yours faithfully.
Sd/- J. Wake.
for Chief Auditor.

(True copy)

for Ag Agent & Manager.

Enc. 1 to E. R.'s O. No. 710 of 1897.
Letter No. 145 Dt. 12.2.97
From Asst

Form No. 21.
500—7-1-97.

Urgent Rec'd 3.30 P.M.

Office of the Consulting Engineer for Railways.
Madras, 13th February 1897.

No. 539

92
Rw 15/2/97

OFFICE NOTE.

Letter from the Agent, S. Indian Railway, No. 9752/145 dated 12th February 1897, forwarded to the Examiner of Railway Accounts, for favour of remarks.

H Pinder

for E. R.

13/2/97

EXAMINER'S REPLY.

15.2

Please see note attached.
It is for E. R. to decide whether the increase of Rs 100000 proposed in the revenue budget estimate of expenditure for 1897-98 should be recommended or not.

15.2.97.

E Wallace
for E. R.

Exr. 15/2/97

Madras Railway.

Final figures for 1896-97 and 1897-98.

Capital

1896-97. Withdrawals from Treasury.

The estimate now proposed by the Company is Rs 23.61279 and, judging from the latest information available, the estimate appears reasonable and may be accepted for Rs 2350,000.

Payments into Treasury. No alteration is proposed by the Company in the estimate of Rs 2700,000. The probable payments to end of January 1897 are Rs 2164,000, and those for the remaining two months of the financial year are not likely to exceed Rs 436,000. The estimate may, therefore, be reduced to Rs 2600,000.

Revenue.

Receipts. No modification is proposed in the estimate previously submitted viz:—

	Rs
Earnings - - -	10905,000
Suspense - - -	1600,000
Rs	12505,000

The approximate earnings to 6th February 1897 are - - - - - - - - Rs 92,60,546
Probable earnings from 7th February to 31st March 1897 i.e 7 4/7 weeks at Rs 2,14,000 per week 16,20,284.
Total 1,08,80,830

The provision under suspense is likely to be realized, and the estimate proposed by the Company is, therefore, recommended for acceptance.

Expenditure - No change is suggested in the estimate of Rs 72,07,900, and, judging from the following, it appears reasonable, and may be approved.

	Rs
Approximate outlay to Jany '97 -	61,14,000
Estimated cash expenditure for February & March 97 -	6,00,000
" transfer debits for - do -	5,00,000
Total Rs	72,14,000

1897 - 98.

Revenue Expenditure - The estimate of Rs 71,32,000 is increased to Rs 72,32,000; the excess of Rs 1,00,000 is explained as being due to provision being made under "repairs of bridges" to meet a portion of the probable additional expenditure on strengthening of girder bridges, as desired by the Board in their letter No. 944, dated 6th November 1896.

No modification has been proposed in the other estimates for 1897-98.

E. Wallace

C. R

Sec.
15/2/97

R. For. No. 12.

No. 109. R

Government of Madras.

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

To

THE SECY. TO THE GOVT. OF INDIA,

P. W. DEPARTMENT.

Calcutta.

Madras, the 19th February 1897.

SIR,

With reference to para 4 of Govt of India Resolution No 132 R.G of 13th Dec 1895, I am directed to forward herewith a note by the Examiner of Railway Accounts, Madras, on the final figures to be adopted in the Madras Railway for the years 1896-97 and 1897-98 and to state that this Govt accepts the figures recommended by that Officer.

16/2/97

R

15-2-97

ER

The matter can be in working order during the next office year is submitted for your approval.

19.2.97

Documents Arrived
Noted by Examiner
Returned to

16/2/97