Public Works (1890) Department.

RAILWAY BRANCH.

G.O., No. 1025 Ry.

DATED 17th July

[Despatch Abstract.]

Finab issues of Railway budget estimates.—

Letter from the Govt of India requesting the submission of only 25 copies of the — without the connected proceedings, recorded.

Indexed.

[P. W. Ry.
L. 760—25-2-99.]

BACK PAPERS.

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FURTHER PAPERS.

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FINAL ISSUE.

BUDGET ESTIMATE

OF THE

MADRAS RAILWAY

FOR THE YEAR

1890-91.

CAPITAL ACCOUNT.

ABSTRACT OF ESTIMATED CASH EXPENDITURE IN INDIA ON THE MADRAS RAILWAY for the official year 1890-91.

Particulars.	Actuals for 1888-89.	Budget Estimate for 1889-90.	Revised Estimate for 1889-90.	Budget Estimate for 1890-91.
INDIA.				
CAPITAL OUTLAY.	RS.	RS.	RS.	RS.
Engineering Department.				
Sanctioned works as per Schedule A.				
Works to be sanctioned do. B. ...	6,95,604	5,00,000	5,01,035	2,77,000
Emergent works do. D. ...	...	2,50,000	...	2,50,000
Locomotive Department. ...	...	...	...	...
Sanctioned works as per Schedule A.				
Works to be sanctioned do. B. ...	...	...	...	...
Carriage and Wagon Department. ...	...	...	...	...
Sanctioned works as per Schedule A.				
Works to be sanctioned do. B. ...	16,952	7,500	37,259	32,000
General. ...	...	25,000	...	10,000
Establishment chargeable to Capital as per General estimate of Establishment C. ...	14,408	20,000	1,050	...
Stores as per Schedule E.	13,89,449	11,92,500	14,05,656	13,76,000
Miscellaneous	6,472	5,000	5,000	5,000
	21,22,885	...	...	...
Deduct increase in credit balance of Capital advance account, &c.	78,109	...	...	...
Total withdrawals on Capital account ...	20,44,776	20,00,000	19,50,000	19,50,000
Receipts to be credited to Capital account ...	...	...	...	...
Share Capital paid in India	...	...	...	...
Refunds on account of stores sold to Revenue and others	18,73,749	18,50,000	21,50,000	20,00,000
Refunds of receipts from Revenue for work done	...	...	...	...
Other refunds—				
Home Expenditure, &c.	2,02,645	3,50,000	2,25,000	3,00,000
Amount less credited to refunds ...	2,102	...	...	...
Total payments in Treasury on Capital account ...	20,78,496	22,00,000	23,75,000	23,00,000
Net Cash Demand of the year on Capital account ...	**33,720**	**2,00,000**	**4,25,000**	**3,50,000**
ENGLAND.				
PURCHASE OF STORES.				
Indents to be sent Home during the year ...	...	9,66,400	15,86,380	10,84,100
Previous Indents to be complied with ...	...	5,69,044	10,42,200	11,93,580
Total	...	15,35,444	26,28,580	22,77,680
Deduct for indents estimated to be complied with in the following year ...	...	6,11,444	11,93,580	5,10,680
Total outlay for Stores ...	9,78,010	9,24,000	14,35,000	17,67,000
Home Expenditure and Payments.				
Home expenditure	68,699	90,000	75,000	75,000
Furlough and sick leave allowances	22,956	35,000	30,000	30,000
Family and sundry payments less receipts ...	63,363	75,000	70,000	70,000
Total Home expenditure and payments ...	1,55,018	2,00,000	1,75,000	1,75,000
Total Cash demand in England ...	11,33,028	11,24,000	16,10,000	19,42,000

REVENUE ACCOUNT.

ABSTRACT OF ESTIMATED REVENUE RECEIPTS AND EXPENDITURE OF THE MADRAS RAILWAY for the official year 1890-91.

Particulars.	Actuals for 1888-89.	Budget Estimate for 1889-90.	Revised Estimate for 1889-90.	Budget Estimate for 1890-91.
RECEIPTS AS PER SCHEDULE F.	RS.	RS.	RS.	RS.
Coaching traffic	36,35,901	36,00,000	38,30,000	39,00,000
Goods do.	46,79,107	47,20,000	51,50,000	51,00,000
Electric telegraph earnings	18,048	20,000	20,000	20,000
Sundries	2,05,748	1,60,000	2,00,000	2,30,000
Total (1) ...	85,38,804	85,00,000	92,00,000	92,50,000
Receipts on account of traffic appertaining to other lines	5,83,933	6,25,000	6,00,000	6,00,000
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) ...	91,22,737	91,25,000	98,00,000	98,50,000
EXPENDITURE AS PER SCHEDULE G.				
Maintenance of way, works, and stations ...	13,83,054	15,00,000	13,90,000	13,80,000
Locomotive expenses	16,17,644	16,40,000	17,58,500	18,20,000
Carriage and wagon expenses	6,29,895	6,70,000	6,54,500	6,30,000
Traffic expenses	8,06,524	7,65,000	8,00,000	8,00,000
General charges	5,01,240	4,80,000	5,00,000	5,00,000
Special and miscellaneous expenditure ...	48,406	45,000	47,000	20,000
Total (3) ...	49,86,763	51,00,000	51,50,000	51,50,000
Payments to other lines for their proportion of through traffic, &c.	5,05,586	6,25,000	6,00,000	6,00,000
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) ..	54,92,349	57,25,000	57,50,000	57,50,000
Net earnings (1)—(3) ...	35,52,041	34,00,000	40,50,000	41,00,000
Net Receipts (2)—(4) ...	36,30,388	34,00,000	40,50,000	41,00,000
Surplus profits ...	...	...	...	...

CAPITAL.

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.
			Earthwork.			
1	C.E. No. 663 ..	12th Aug. 1889.	Pitching the embankment of the Ambatúr tank at 10/9 miles, South-west line ..	3,267	..	3,267
			Bridgework.			
2	C.E. No. 541 ..	16th Aug. 1884.	Reconstruction of the Pennér bridge ..	4,20,282	5,37,706	9,57,988
	G.O. No. 315 ..	17th Mar. ,,				
	G.O. No. 773 ..	24th July ,,				
	G.O. No. 828 ..	9th Sept. ,,				
	C.E. No. 467 ..	3rd Aug. 1886.				
	C-E. No. 778 ..	15th Nov. 1887.				
	G.O. No. 404 ..	17th May 1888.				
	C.E. No. 1014.	14th Dec. ,,				
	G.O. No. 502 ..	4th May 1889.				
	G.O. No. 531 ..	13th ,, ,,				
3	G.O. No. 911 R.	6th Dec. 1886.	New bridge over the Chitrávati river ..	3,97,771	7,66,956	11,64,727
	C.E. No. 769 ..	7th ,, ,,				
4	G.O. No. 773 R.	18th Oct. ,,	New bridge over the Pápaghni river ..	4,21,290	5,65,852	9,87,142
	G.O. No. 932 R.	13th Dec. ,,				
	C.E. No. 790 ..	15th ,, ,,				
5	G.O. No. 218 R.	26th Feb. 1889.	Over bridge at east end of Perambúr station	591	4,831	5,422
	C.E. No. 190 ..	1st Mar. ,,				
6	C.E. No. 699 ..	10th Sept. 1888.	Foot bridge at west end of Perambúr works	817	6,221	7,038
	C.E. No. 701 ..	24th Aug. 1889.				
7	C.E. No. 19 ..	9th Jan. ,,	Protective works at 201/12 to 203/11 miles, North-west line	2,511	394	2,905
			Extension of Line.			
8	C.E. No. 52 ..	26th Jan. 1886.	Extension of line to Calicut	8,02,159	7,26,279	15,28,438
	C.E. No. 882 ..	21st Dec. 1887.				
			Stations and Buildings.			
9	C.E. No. 756 ..	22nd Sept. 1888.	Station-house, &c., at Tyakal	3,070	1,562	4,632
10	G.O. No. 844 R.	20th Oct. ,,	Do. at Sevvápet ..	7,079	7,129	14,208
	C.E. No. 873 ..	23rd ,, ,,				
11	G.O. No. 127 R.	1st Feb. 1889.	Do. &c., at Ulli	3,630	4,307	7,937
	C.E. No. 113 ..	4th ,, ,,				
	C.E. No. 26 ..	11th ,, ,,				
12	G.O. No. 379 R.	6th April ,,	Do. at Krishnapuram ..	3,035	2,841	5,876
13	G.O. No. 558 R.	17th May ,,	Do. &c., at Jakkulacheruvu ..	8,883	14,282	23,165
14	G.O. No. 552 R.	15th ,, ,,	Do. &c., at Vanganur ..	10,089	12,393	22,482
15	C.E. No. 713 ..	11th Sept. 1888.	Do. &c., at Kallavi	7,528	3,985	11,513
	G.O. No. 588 R.	8th Aug. 1887.				
	G.O. No. 645 R.	2nd Sept. ,,				
16	G.O. No. 812 R.	4th Nov. ,,	Do. at Buddireddipatti ..	6,675	4,188	10,863
	C.E. No. 1010 ..	13th Dec. 1888.				
17	G.O. No. 129 R.	17th Feb. ,,	Three sheds at south-west end of carriage shop, Perambúr works ..	6,551	13,200	19,751
	C.E. No. 435 ..	16th May 1889.				
18	G.O. No. 94 R.	7th Feb. 1888.	Crossing station at Patchur, Bangalore Branch	7,142	10,543	17,685
	C.E. No. 218 ..	11th Mar. 1889.				
19	G.O. No. 94 R.	7th Feb. 1888.	Crossing station at Mullanur ..	12,468	13,191	25,659
	C.E. No. 217 ..	11th Mar. 1889.				
20	C.E. No. 154 ..	25th Feb. 1888.	Crossing station at 155th mile, North-west line	5,972	8,692	14,664
	C.E. No. 185 ..	28th ,, 1889.				
21	G.O. No. 68 R.	26th Jan. 1888.	Alterations and additions to Raichur station	5,559	5,481	11,040
22	G.O. No. 365 R.	1st April 1889.	Alterations and additions to Rénigunta station in consequence of junction arrangements with Cuddapah-Nellore State Railway	36,704	46,543	83,247
23	C.E. No. 906 ..	31st Oct. 1888.	Godowns for Messrs. Staines and Co., and Messrs. Pierce, Leslie and Co., at Mettupálaiyam station	2,270	130	2,400
	C.E. No. 613 ..	22nd July 1889.				
24	C.E. No. 659 ..	12th Aug. ,,	Loading bank and goods godown at Sankaridrug	1,359	1,139	2,498
25	C.E. No. 662 ..	12th ,, ,,	Extension of goods godown at Erode ..	2,117	1,569	3,686
26	G.O. No. 1155.	25th Oct. ,,	Waiting sheds at Perambúr	1,610	5,668	7,278
	C.E. No. 408 ..	19th ,, ,,				
27	C.E. No. 858 ..	17th ,, ,,	Lay-bye, loading bank and goods godown at Kupgul	1,565	3,129	4,694
28	C.E. No. 936 ..	8th Nov. ,,	Tank to be erected on bridge No. 242 at Pennér	2,222	135	2,357

Works—Part I.

Madras Railway for the official year 1890-91.

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	500	..	500	2,767	..	2,767	..	1
3,11,553	4,86,174	7,97,727	1,06,229	49,032	1,55,261	2,500	2,500	5,000	..	2
1,43,704	6,63,057	8,06,761	1,76,242	61,536	2,37,778	46,696	42,363	89,059	31,129	3
..	..	..	62,420	1,00,000	1,62,420	1,00,000	4,50,000	5,50,000	2,74,722	4
..	..	..	591	4,831	5,422	..	..	..	..	5
..	16	16	817	6,205	7,022	..	..	..	..	6
..	21	21	2,090	200	2,290	421	173	594	..	7
8,26,424	6,89,043	15,15,467	12,971	..	12,971	..	..	..	..	8
2,041	820	2,861	1,650	121	1,771	..	..	..	..	9
682	3,516	4,198	6,397	3,613	10,010	..	..	..	..	10
3	2,037	2,040	3,127	1,970	5,097	500	300	800	..	11
..	..	..	2,835	2,791	5,626	200	50	250	..	12
..	..	..	6,883	10,282	17,165	2,000	4,000	6,000	..	13
..	..	..	9,889	12,143	22,032	200	250	450	..	14
7,163	3,270	10,433	365	715	1,080	..	..	..	..	15
5,560	3,763	9,323	1,115	425	1,540	..	..	..	..	16
4,114	11,849	15,963	2,437	1,351	3,788	..	..	..	..	17
7,132	10,458	17,590	40	55	95	..	..	..	..	18
9,483	10,514	19,997	3,361	2,301	5,662	..	..	..	..	19
4,608	4,712	9,320	2,507	2,837	5,344	..	..	..	..	20
3,542	5,043	8,585	2,060	395	2,455	..	..	..	..	21
35,288	46,597	81,885	1,362	..	1,362	..	..	..	..	22
2,186	113	2,299	84	17	101	..	..	..	..	23
..	..	..	859	939	1,798	500	200	700	..	24
..	..	..	1,617	1,369	2,986	500	200	700	..	25
..	..	..	600	1,500	2,100	1,010	4,168	5,178	..	26
..	..	..	1,000	2,000	3,000	565	1,129	1,694	..	27
..	..	..	1,000	100	1,100	1,222	35	1,257	..	28

Budget Estimate of Sanctioned Works of the Madras Railway for the official year 1890-91—*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 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
			Stations and Buildings—*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
29	C.E. No. 225 ..	12th Mar. 1889.	Platform at Connur	2,445	2,525	4,970	1,369	2,425	3,794	1,076	100	1,176	..	..	..	..	29
	C.E. No. 823 ..	7th Oct. ,,															
30	C.E. No. 610 ..	13th Aug. ,,	Platform at Pallipuram	2,371	1,661	4,032	1,840	178	2,018	531	1,483	2,014	..	..	..	..	30
31	C.E. No. 593 ..	13th July ,,	Do. at Ariyanur	1,391	1,342	2,733	..	..	..	1,341	1,242	2,583	50	100	150	..	31
32	C.E. No. 321 ..	9th April ,,	Enlarging and deepening Locomotive well No. 2 at Salem	2,125	..	2,125	1,160	..	1,160	965	..	965	..	..	..	..	32
33	C.E. No. 855 ..	17th Oct. ,,	3-ton crane at Tirur	202	2,046	2,248	..	..	..	102	1,546	1,648	100	500	600	..	33
34	C.E. No. 851 ..	17th ,, ,,	5-ton ,, at Salem	281	2,640	2,921	..	..	..	181	2,040	2,221	100	600	700	..	34
35	C.E. No. 484 ..	3rd June ,,	5-ton ,, at Rénigunta	295	2,640	2,935	..	..	..	295	2,640	2,935	..	..	..	..	35
36	G.O. No. 527 R.	10th May ,,	30-ton weigh-bridge and siding at Guntakal Junction	894	5,689	6,583	..	..	..	894	5,689	6,583	..	..	..	..	36
37	G.O. No. 464 ..	24th April ,,	30-ton weigh-bridge and siding at Bangalore Pettah Station	1,071	5,428	6,499	..	..	..	1,071	5,428	6,499	..	..	..	..	37
38	C.E. No 406 ..	8th May ,,	Weigh-bridge and alterations of cross-over road at Kolar	348	2,831	3,179	..	..	..	148	2,331	2,479	200	500	700	..	38
39	G.O. No. 782 R.	25th Sept. 1888.	Staff quarters at Gooty	4,357	1,728	6,085	633	1,139	1,772	3,601	712	4,313	..	..	..	..	39
40	C.E. No. 263 ..	26th Mar. 1889.	Bungalow for 3 Eurasian clerks at Raichur	4,277	1,433	5,710	1,745	790	2,535	2,628	547	3,175	..	..	..	..	40
41	G.O. No. 269 R.	31st Mar. 1886.	Native clerks' houses at Raichur ..	4,109	1,759	5,868	861	439	1,300	3,248	1,320	4,568	..	..	..	..	41
	C.E. No. 264 ..	23rd Mar. 1889.															
42	G.O. No. 88 R.	4th Feb. 1888.	Goods clerk's office at Salt Cotaurs Station	12,459	9,060	21,519	10,868	8,909	19,777	1,591	151	1,742	..	..	..	..	42
	C.E. No. 434 ..	16th May 1889.															
43	C.E. No. 155 ..	19th Feb. ,,	Refreshment room for Natives at Raichur	2,684	815	3,499	2,310	315	2,625	374	500	874	..	..	..	..	43
	C.E. No. 286 ..	29th Mar. ,,															
44	G.O. No. 904 R.	30th Nov. 1887.	Double Engine-driver's bungalow at Cuddapah	8,274	2,730	11,004	..	..	..	..	..	..	4,692	1,304	5,996	..	44
45	G O. No. 756 R.	15th Sept. 1888.	2 Guards' bungalow at Gooty	8,354	1,822	10,176	3,582	1,426	5,008	..	..	..	..	..	..	..	45
46	G.O. No. 328 R	25th Mar. 1889.	Tiffin room at Perambúr	3,496	3,504	7,000	4,998	869	5,867	3,382	927	4,309	..	..	..	..	46
47	C.E. No. 488 ..	6th June ,,	Station Master's bungalow at Kolar Road.	2,188	939	3,127	..	..	..	2,996	3,204	6,200	500	300	800	..	47
48	C.E. No. 857 ..	17th Oct. ,,	Pointsmens' and scavengers' huts at Mullapuram	2,762	736	3,498	..	..	..	1,688	889	2,577	500	50	550	..	48
49	C.E. No. 514 ..	17th June. ,,	Native signaller's bungalow at Guntakal Junction	2,736	701	3,437	..	..	..	1,300	400	1,700	1,462	336	1,798	..	49
50	C.E. No. 486 ..	2nd July 1888.	Extension of through siding at Vontimitta	560	1,536	2,096	..	..	..	2,000	501	2,501	736	200	936	..	50
51	C.E. No. 767 ..	24th Sept. ,,	Extension of through siding at Aspari ..	767	1,382	2,149	..	..	..	407	494	901	..	..	..	..	51
52	C.E. No. 27 ..	11th Feb. 1889.	Extension of lay-bye into a through siding at Kamasamudram ..	348	1,867	2,215	153	1,042	1,195	140	101	241	..	..	..	..	52
53	C.E. No. 492 ..	7th June ,,	Extension of through siding at Kanyikod	1,314	1,860	3,174	627	1281	1,908	241	887	1,128	..	..	..	..	53
	G.O. No. 639 ..	5th ,, ,,					107	980	1,087	1,314	1,860	3,174	..	..	..	..	
54	C.E. No. 594 ..	13th July ,,	Extension of goods lay-bye at Yerragunta	261	2,151	2,412	..	..	..	211	2,081	2,292	50	70	120	..	54
55	C.E. No. 515 ..	17th June ,,	Extension of platform and through siding at Peddapad	1,577	3,246	4,823	..	..	..	1,577	3,246	4,823	..	..	..	..	55
56	C.E. No. 493 ..	7th ,, ,,	Extension of platform and through siding at Vániyambádi	1,552	2,469	4,021	..	..	..	1,552	2,469	4,021	..	..	..	..	56
57	C.E. No. 516 ..	17th ,, ,,	Extension of through siding at Tiruvallam	1,290	1,585	2,875	..	..	..	1,290	1,585	2,875	..	..	..	..	57
58	G.O. No. 588 R.	22nd May ,,	Extension of platform and through siding at Ottapalem	1,194	2,387	3,581	..	..	..	1,194	2,387	3,581	..	..	..	..	58
59	G.O. No. 684 R.	18th June ,,	Extension of platform and through siding at Kuttipuram	1,914	3,235	5,149	..	..	..	1,914	3,235	5,149	..	..	..	..	59
60	C.E. No. 100 ..	29th Jan. ,,	Cross-over road at Pódanúr	350	2,397	2,747	..	..	..	642	1,511	2,153	..	..	..	..	60
61	G.O. No. 511 R.	19th Feb. 1888.	Extension of platform at Ketandapati ..	1,486	3,854	5,340	30	564	594	342	1,598	1,940	..	..	..	..	61
62	C.E. No. 507 ..	13th June 1889.	Extension of through siding at Nagari.	1,034	1,603	2,637	1,144	2,256	3,400	834	1,200	2,034	200	403	603	..	62
	C.E. No. 873 ..	19th Oct. ,,					..	..	..								
63	G.O. No. 71 R.	22nd Jan. ,,	Alterations and additions to sidings at Kolar Road	1,861	7,622	9,483	565	3,936	4,501	1,296	3,686	4,982	..	..	..	..	63
	C.E. No. 82 ..	24th ,, ,,															
64	C.E. No. 26 ..	11th Feb. ,,	Conversion of lay-bye near engine shed into siding at Arkónam	292	1,912	2,204	..	1,048	1,048	292	864	1,156	..	..	..	..	64
65	C.E. No. 381 ..	4th Oct. ,,	Additional sidings and cross-over road at Arkónam	2,789	4,903	7,692	..	..	..	2,489	4,403	6,892	300	500	800	..	65
	G.O. No. 1146 R.	22nd ,, ,,					..	..	..	..	1,102	1,102	..	..	..	..	66
66	C.E. No. 161 ..	21st Feb. ,,	Additional siding at Jalárpet	573	5,006	5,579	753	3,724	4,477	..	..	..	..	..	..	..	67
	C.E. No. 386 ..	1st May ,,								2,734	3,791	6,525	..	..	..	..	
67	G.O. No. 642 R.	6th June ,,	Additional siding at Kamasamudram ..	2,734	3,791	6,525	..	..	..	1,000	5,000	6,000	268	1,974	2,242	..	68
68	G.O. No. 1082 R.	8th Oct. ,,	Alterations and additions to Locomotive siding at Jalárpet	1,268	6,974	8,242	..	..	..	2,738	7,047	9,785	..	..	..	..	69
69	G.O. No. 560 R.	17th May ,,	Alterations of main line and additional siding at Kolar Road	2,738	7,047	9,785	..	..	..	1,700	10,048	11,748	1,561	5,000	6,561	..	70
70	G.O. No. 984 R.	10th Sept. ,,	Alteration of sidings, &c., at Cuddapah ..	3,261	15,048	18,309	..	..	..	232	4,991	5,223	..	..	..	..	71
71	C.E. No. 606 ..	20th July ,,	Crane lines, &c., in General Stores Yard at Rayapuram	232	4,991	5,223	..	..	..	1,251	5,251	6,502	300	1,000	1,300	..	72
72	G.O. No. 80 0R.	25th ,, ,,	Through siding at Tayakal	1,551	6,251	7,802	..	..	..	1,352	2,087	3,439	..	..	..	..	73
73	C.E. No. 766 .	24th Sept. 1888.	Catch siding at Kuppam	1,352	2,087	3,439	..	..	..	794	4,918	5,712	..	..	..	..	74
	C.E. No. 1021 ..	18th Dec. ,,															
74	C.E. No. 630 ..	26th July 1889.	Material siding at 82nd mile, South-west line	794	4,918	5,712	300	100	400	968	123	1,091	..	75			
75	C.E. No. 983 ..	23rd Nov. ,,	Loading bank and goods godown at Somanur	300	100	400	968	123	1,091	..	75						
76	C.E. No. 984 ..	23rd ,, ,,	Goods godown at Madukarai	200	100	300	761	140	901	..	76						
77	C.E. No. 994 ..	23rd ,, ,,	Extension of platform at Tudiyalur ..	1,268	223	1,491	150	200	350	647	578	1,225	..	77			
				961	240	1,201											
				797	778	1,575											

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.
			Stations and Buildings—*cont.*	Rs.	Rs.	Rs.
78	C.E. No. 995 ..	23rd Nov. 1889.	Extension of platform at Kadiampatti ..	835	508	1,343
79	C.E. No. 998 ..	29th ,, ,,	Extension of through siding at Sholinghur	807	1,930	2,737
80	C.E. No. 999 ..	29th ,, ,,	Extension of platform at Chinnammapet.	1,425	1,606	3,031
81	C.E. No. 1089.	21st Dec. ,,	Do. of platform and through siding at Kamalápuram	560	1,813	2,373
82	C.E. No. 1090..	21st ,, ,,	Extension of platform and through siding at Kondapuram	490	1,391	1,881
83	C.E. No. 1078..	20th ,, ,,	Waiting sheds at Gúdalúr	1,076	193	1,269
84	G.O. No. 1414 R.	20th ,, ,,	Station-house at Pennér	9,503	5,607	15,110
85	C.E. No. 20 ..	10th Jan. 1890.	Huts for pointsmen and scavengers at Kadambatur	1,287	353	1,640
86	C.E. No. 21 ..	10th ,, ,,	Huts for pointsmen and scavengers at Tadpatri	2,937	611	3,548
87	G.O. No. 35 R.	11th ,, ,,	Siding and cross-over road at Guntakal..	6,694	60,740	67,434
88	C.E. No. 71 ..	23rd ,, ,,	House for Station-master and Assistant Station-master at McDonald Choultry.	1,224	499	1,723
89	C.E. No. 72 ..	23rd ,, ,,	House for Station-master and Assistant Station-master at Uttukuli	1,230	499	1,729
90	C.E. No. 73 ..	24th ,, ,,	Fixing lightning conductors at Calicut..	349	755	1,104
91	C.E. No. 83 ..	29th ,, ,,	Converting salt godown into running guards' bungalow, Bangalore cantonment	1,387	887	2,274
92	G.O. No. 33 R.	11th ,, ,,	Alterations and additions to station-house at Bangalore cantonment	10,307	9,021	19,328
93	C.E. No. 167 ..	28th Feb. ,,	Alterations and additions to station, Kolar road	2,912	653	3,565
94	C.E. No. 229 ..	10th Mar. ,,	Permanent-way Inspector's bungalow at Pódanúr	2,426	1,075	3,501
95	C.E. No. 228 ..	10th ,, ,,	Double Engine-driver's bungalow at Rénigunta	3,485	1,460	4,945
96	G.O. No. 373 R.	15th ,, ,,	Lay-bye and loading bank at Patchur, Bangalore branch	4,504	4,457	8,961
97	G.O. No. 372 R.	15th ,, ,,	Alterations and additions to sidings at Kolar road	3,265	13,006	16,271
98	C.E. No. 170 ..	20th Feb. ,,	Bungalow for two families for guards at Arkónam	2,932	1,615	4,547
99	C.E. No. 189 ..	27th ,, ,,	Bungalow for two families for guards at Pódanúr	3,018	1,145	4,163
100	G.O. No. 459 R.	1st April ,,	Running Driver's and Firemen's bungalow at Rénigunta	5,611	2,167	7,778
101	C.E. No. 1037..	11th Dec. 1889.	Station master's house at Urampad ..	911	267	1,178
102	C.E. No. 1055..	13th ,, ,,	Station master's house at Reddipalli ..	911	267	1,178
103	C.E. No. 125 ..	10th Feb. 1890.	Emergency stock shed at Gooty ..	988	1,336	2,324
104	G.O. No. 215 R.	11th ,, ,,	Through siding at Viziamangalam ..	3,204	7,508	10,712
105	G.O. No. 216 R.	11th ,, ,,	Station-house at Pallipuram	6,072	7,218	13,290
106	C.E. No. 993 ..	28th Nov. 1889.	Extension of through siding at Tirupatúr	226	861	1,087
107	G.O. No. 1330..	3rd Dec. ,,	Siding and cross-over road at Olavakód..	1,043	5,841	6,884
108	G.O. No. 410 R.	22nd Mar. 1890.	Third line lay-bye, &c., at Mulanur ..	3,910	5,848	9,758
109	C.E. No. 187 ..	27th Feb. ,,	3-ton crane at Mangalam ..	433	1,380	1,813
110	C.E. No. 104 ..	4th ,, ,,	Cross-over road at Kolar road ..	116	1,551	1,667
111	C.E. No. 101 ..	4th ,, ,,	Enlargement of auxiliary well at Thoocock	1,329	..	1,329
112	C.E. No. 347 ..	19th April ,,	Platform at Kadalundi	2,605	1,639	4,244
113	C.E. No. 953 ..	14th Nov. 1889.	Extension of through siding at Coimbatore	489	1,633	2,122
114	C.E. No. 958 ..	14th ,, ,,	Extension of through siding at Gudiyátam	416	1,643	2,059
115	C.E. No. 968 ..	18th ,, ,,	Workshop alongside engine-shed at Rénigunta	507	884	1,391
116	..	..	New minor works— amount expended in excess of Revenue sanction	10,866	..	10,866
			Ballast and Permanent-way.			
117	G.O. No. 17 R.	4th Feb. 1886.	Laying new permanent-way over girder bridge, South-west line	8,115	2,16,284	2,24,399
118	C.E. No. 331 .. / C.E. No. 134 ..	31st Mar. ,, / 3rd Feb. 1887.	Laying new permanent-way over girder bridges, North-west line ..	9,659	3,06,302	3,15,961
			Electric Telegraph.			
119	G.O. No. 798 R.	25th July 1889.	Revised estimate for the extension of block system and introduction of starting semaphore signals, &c., South-west and North-west lines, including additional stations	64,943	1,01,818	1,66,761

Madras Railway for the official year 1890-91—*cont.*

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	235	150	385	600	358	958	..	78
..	..	..	250	500	750	557	1,430	1,987	..	79
..	..	..	350	400	750	1,075	1,206	2,281	..	80
..	..	..	150	500	650	410	1,313	1,723	..	81
..	..	..	100	400	500	390	991	1,381	..	82
..	..	..	350	50	400	726	143	869	..	83
..	..	..	1,500	2,000	3,500	8,003	3,607	11,610	..	84
..	..	..	250	150	400	1,037	203	1,240	..	85
..	..	..	450	200	650	2,487	411	2,898	..	86
..	..	..	..	58,099	58,099	6,694	2,641	9,335	..	87
..	..	..	300	150	450	924	349	1,273	..	88
..	..	..	300	150	450	930	349	1,279	..	89
..	..	..	250	500	750	99	255	354	..	90
..	..	..	400	300	700	987	587	1,574	..	91
..	..	..	2,000	3,000	5,000	8,307	6,021	14,328	..	92
..	..	..	300	200	500	2,612	453	3,065	..	93
..	..	..	..	..	..	2,426	1,075	3,501	..	94
..	..	..	..	..	..	3,485	1,460	4,945	..	95
..	..	..	..	..	..	4,504	4,457	8,961	..	96
..	..	..	..	..	..	3,265	13,006	16,271	..	97
..	..	..	..	..	..	2,932	1,615	4,547	..	98
..	..	..	..	..	..	3,018	1,145	4,163	..	99
..	..	..	..	..	..	5,611	2,167	7,778	..	100
..	..	..	300	150	450	611	117	728	..	101
..	..	..	300	150	450	611	117	728	..	102
..	..	..	500	800	1,300	488	536	1,024	..	103
..	..	..	1,000	3,000	4,000	2,204	4,508	6,712	..	104
..	..	..	500	2,000	2,500	5,572	5,218	10,790	..	105
..	..	..	200	500	700	26	361	387	..	106
..	..	..	500	2,500	3,000	543	3,341	3,884	..	107
..	..	..	..	..	..	3,910	5,848	9,758	..	108
..	..	..	100	500	600	333	880	1,213	..	109
..	..	..	..	..	..	116	1,551	1,667	..	110
..	..	..	400	..	400	929	..	929	..	111
..	..	..	..	..	..	2,605	1,639	4,244	..	112
..	..	..	300	..	300	189	1,633	1,822	..	113
..	..	..	250	..	250	166	1,643	1,809	..	114
..	..	..	250	..	250	257	884	1,141	..	115
..	..	..	10,866	..	10,866	..	..	..	..	116
2,961	1,00,555	1,03,516	2,845	25,000	27,845	1,543	25,000	26,543	66,495	117
611	1,74,645	1,75,256	2,500	25,000	27,500	3,000	30,000	33,000	80,205	118
46,023	84,784	1,30,807	2,000	1,000	3,000	16,920	16,034	32,954	..	119

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.
			ELECTRIC TELEGRAPH—*cont.*	RS.	RS.	RS.
120	C.E. No. 490 ..	26th July 1887.	Electric starting semaphore signal interlocked with block instruments required at stations on the Calicut extension ..	768	1,008	1,776
121	C.E. No. 490 ..	26th ,, ,,	Instruments, stores, &c., required for opening telegraph offices at stations on the Calicut extension	1,092	903	1,995
122	C.E. No. 830 ..	28th Nov. ,,	Supplementary estimate of the cost of posts, wires, &c., for electric starting semaphore signal and bell circuits on the Calicut extension	319	983	1,302
123	C.E. No. 881 ..	21st Dec. 1889.	Posts, wires, instruments, &c., required for the erection of electric telegraph on the Pálghat extension	635	1,429	2,064
124	C.E. No. 881 ..	21st ,, 1887.	Electric starting semaphore signal interlocked with block instruments required for stations on the Pálghat extension ..	332	341	673
125	G.O. No. 111 R.	1st Feb. 1889.	Single needle instruments, batteries, &c., for trial or additional stations ..	4,122	3,588	7,710
			Total, Engineering Department ..	24,79,728	37,04,261	61,83,989
			CARRIAGE AND WAGON DEPARTMENT.			
1	C.E. No. 466 ..	28th May 1889.	One reserved saloon	2,530	4,250	6,780
2	C.E. No. 535 ..	22nd June ,,	Twelve brake-vans	7,200	33,000	40,200
3	C.E. No. 361 .. / G.O. No. 1319 R.	20th April ,, / 28th Nov. ,,	Two hundred iron-covered goods wagons	20,000	3,84,000	4,04,000
4	C.E. No. 561 ..	26th July 1888.	Fifty iron open wagons for stone traffic ..	7,500	65,000	72,500
5	G.O. No. 1213 R.	6th Nov. 1889.	One composite carriage	1,500	4,200	5,700
6	G.O. No. 1213 R.	6th ,, ,,	Thirty-six third-class carriages ..	27,000	99,000	1,26,000
7	G.O. No. 1213 R.	6th ,, ,,	Fourteen ambulance carriages ..	12,600	43,400	56,000
			Total, Carriage and Wagon Department ..	78,330	6,32,850	7,11,180
			Total, Schedule A ..	25,58,058	43,37,111	68,95,169

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.
			ENGINEERING DEPARTMENT.			
			EARTHWORK.	RS.	RS.	RS.
1	..	..	Pitching the embankment of tank at 99/8-14 miles, South-west line ..	1,143	..	1,143
2	..	..	Pitching the embankment of tank at 46/7½ to 47/3 miles, South-west line ..	1,759	..	1,759
3	..	..	Raising line at 60th mile, South-west line.	9,260	808	10,068
			BRIDGEWORK.			
4	..	..	Removing existing girders and fixing new girders along side Thootha bridge ..	4,663	7,086	11,749
			STATIONS AND BUILDINGS.			
5	..	..	Bungalows for two families to be provided at two stations, Traffic Department	19,335	9,852	29,187
6	..	..	Houses for subordinate staff, Traffic Department	9,833	2,337	12,170
7	..	..	Houses for Station-masters	6,423	2,966	9,389
8	..	..	Four houses for Native clerks, Guntakal junction, Traffic Department ..	2,507	879	3,386
9	..	..	Running Drivers' bungalow at Rénigunta	7,168	1,426	8,594
10	..	..	One block of two bungalows for European and Eurasian firemen at Katpadi ..	2,022	398	2,420

Madras Railway for the official year 1890-91—*cont.*

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
167	216	383	601	792	1,393	..	..	..	..	120
867	497	1,364	225	406	631	..	..	..	..	121
66	534	600	253	449	702	..	..	..	..	122
316	1,091	1,407	319	338	657	..	..	..	..	123
37	37	74	295	304	599	..	..	..	..	124
..	..	..	700	1,100	1,800	3,422	2,488	5,910	..	125
14,47,276	23,34,683	37,81,959	5,01,035	5,05,358	10,06,393	2,77,000	6,66,086	9,43,086	4,52,551	
2,501	4,130	6,631	29	120	149	..	..	..	..	1
..	..	..	4,800	22,000	26,800	2,400	11,000	13,400	..	2
2,020	72,298	74,318	15,980	2,73,302	2,89,282	2,450	38,400	40,850	..	3
..	..	..	2,500	89,500	*92,000	..	..	..	..	4
..	..	..	750	2,100	2,850	750	2,100	2,850	..	5
..	..	..	9,000	33,000	42,000	18,000	66,000	84,000	..	6
..	..	..	4,200	14,500	18,700	8,400	28,900	37,300	..	7
4,521	76,428	80,949	37,259	4,34,522	4,71,781	32,000	1,46,400	1,78,400	..	
14,51,797	24,11,111	38,62,908	5,38,294	9,39,880	14,78,174	3,09,000	8,12,486	11,21,486	4,52,551	

* Revised estimate submitted.

WORKS—PART II.

MADRAS RAILWAY for the official year 1890-91.

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
						1,143	..	1,143	..	1
..	..	..	..	..	..	1,759	..	1,759	..	2
..	..	..	..	..	..	9,260	808	10,068	..	3
..	..	..	..	..	..					
..	..	..	..	..	..	4,663	7,086	11,749	..	4
						14,335	9,852	24,187	5,000	5
..	..	..	..	..	..	9,833	2,337	12,170	..	6
..	..	..	..	..	..	6,423	2,966	9,389	..	7
..	..	..	..	..	..	2,507	879	3,386	..	8
..	..	..	..	..	..	7,168	1,426	8,594	..	9
..	..	..	..	..	..	2,022	398	2,420	..	10

Budget Estimate of Unsanctioned Works of the Madras Railway for the official year 1890-91—*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.	Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Actual Expenditure up to close of official year 1888-89. Value of stores.	Actual Expenditure up to close of official year 1888-89. Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Probable Expenditure during 1889-90. Value of stores.	Probable Expenditure during 1889-90. Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Budget Estimate of Expenditure for official year 1890-91. Value of stores.	Budget Estimate of Expenditure for official year 1890-91. Total.	Estimated expenditure in future years.	Number of items.
			Stations and Buildings—*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
11	..	..	One block of 4 bungalows for European and Eurasian firemen at Pódanúr ..	3,145	1,521	4,666							3,145	1,521	4,666	..	11
12	..	..	Two houses for Native clerks and 8 houses for Native fitters at Bangalore ..	6,456	2,022	8,478							6,456	2,022	8,478	..	12
13	..	..	Chattram for Native drivers at Podanúr.	1,249	560	1,809							1,249	560	1,809	..	13
14	..	..	Prosecuting Inspector's bungalow at Gooty	2,359	817	3,176							2,359	817	3,176	..	14
15	..	..	Scavengers' huts at Rénigunta ..	2,639	612	3,251							2,639	612	3,251	..	15
16	..	..	Do. at Cuddapah ..	1,834	408	2,242							1,834	408	2,242	..	16
17	..	..	Junction arrangements at Katpadi ..	75,000	75,000	1,50,000							25,000	75,000	1,00,000	50,000	17
18	..	..	Station-houses to be provided at 3 trial stations	20,948	14,570	35,518							20,812	14,570	35,382	136	18
19	..	..	Ten huts for scavengers, Calicut ..	2,100	400	2,500							2,100	400	2,500	..	19
20	..	..	Four crossing stations	10,188	30,285	40,473							10,188	30,285	40,473	..	20
21	..	..	Six sheds for carriage and wagon repairing and lifting at Perambúr Works ..	11,082	46,212	57,294							7,082	46,212	53,294	4,000	21
22	..	..	Lengthening of engine shed to accommodate 8 engines at Rénigunta ..	5,628	9,004	14,632							5,628	9,004	14,632	..	22
23	..	..	Engine turn-table and siding at Kolar road	2,410	7,043	9,453							2,410	7,043	9,453	..	23
24	..	..	Extension of trimming shop in carriage shop, Perambúr	78	1,158	1,236							78	1,158	1,236	..	24
25	..	..	Extension and enlargement of station-house at Bangalore City	8,309	7,238	15,547							4,309	7,238	11,547	4,000	25
26	..	..	Extension of platforms and through sidings	3,037	14,608	17,645							3,037	14,608	17,645	..	26
27	..	..	Extension of platform at Salem ..	670	519	1,189							670	519	1,189	..	27
28	..	..	Extension of goods shed at Kolar road ..	2,485	2,181	4,666							2,485	2,181	4,666	..	28
29	..	..	Booking office, oil and store room, waiting shed and road goods room at Viziamangalam	1,734	758	2,492							1,734	758	2,492	..	29
30	..	..	Booking office, oil and store room, waiting shed and road goods room at Kakankarai	1,724	758	2,482							1,724	758	2,482	..	30
31	..	..	Booking office, oil and store room, waiting shed and road goods room at Gúdalúr	1,143	370	1,513							1,143	370	1,513	..	31
32	..	..	Booking office, oil and store room, waiting shed, road goods room and lay-bye at Singanallur	2,367	2,678	5,045							2,367	2,678	5,045	..	32
33	..	..	Booking office, oil and store room and road goods room at Ariyanur ..	1,730	758	2,488							1,730	758	2,488	..	33
34	..	..	Platforms to be provided at trial stations.	5,341	5,990	11,331							5,341	5,990	11,331	..	34
35	..	..	Lay-bye at Mulanur	615	1,910	2,525							615	1,910	2,525	..	35
36	..	..	Fixing lightning conductors to buildings at Rénigunta	306	755	1,061							306	755	1,061	..	36
37	..	..	Drainage at Bangalore City station ..	1,200	90	1,290							1,200	90	1,290	..	37
38	..	..	Lavatory and latrines for 1st and 2nd class passengers at Central Station	2,000	3,000	5,000							2,000	3,000	5,000	..	38
39	..	..	Alterations to Perambúr level crossings ..	9,557	2,848	12,405							557	2,848	3,405	9,000	39
40	..	..	Lay-byes to be provided at trial stations.	3,044	6,520	9,564							3,044	6,520	9,564	..	40
41	..	..	Shed, foundation, unloading platform, &c., required for the introduction of electric lights in trains	3,000	1,000	4,000							1,000	1,000	2,000	2,000	41
42	..	..	School-room at Cuddapah	3,378	4,118	7,496							789	4,118	4,907	2,589	42
43	..	..	Watering arrangements at Bangalore ..	4,102	4,000	8,102							4,102	4,000	8,102	..	43
44	..	..	Do. do. at Salem ..	3,769	22,457	26,226							3,769	22,457	26,226	..	44
45	..	..	Do. do. at Mulanur ..	338	1,628	1,966							338	1,628	1,966	..	45
46	..	..	Extension of platform and through siding at Kupgal	1,052	1,662	2,714							1,052	1,662	2,714	..	46
47	..	..	Extension of platform and through siding at Parpangadi	1,759	2,919	4,678							1,759	2,919	4,678	..	47
48	..	..	Extension of platform and through siding at Parli	1,404	1,661	3,065							1,404	1,661	3,065	..	48
49	..	..	Extension of platform and through siding at Lakkidi	1,430	2,289	3,719							1,430	2,289	3,719	..	49
50	..	..	Extension of platform and provision of rooms at Perambúr	3,585	3,756	7,341							3,585	3,756	7,341	..	50
51	..	..	Extension of platform at Erode ..	463	200	663							463	200	663	..	51
52	..	..	Extension of platform at Tirupatúr ..	890	336	1,226							890	336	1,226	..	52
53	..	..	Extension of through siding at Mullapuram	371	980	1,351							371	980	1,351	..	53
54	..	..	Extension of through siding at Shoranur.	456	1,346	1,802							456	1,346	1,802	..	54
55	..	..	Extension of through siding at Mórappur.	315	821	1,136							315	821	1,136	..	55
56	..	..	Platform at Eddakolam	2,119	1,388	3,507							2,119	1,388	3,507	..	56
57	..	..	Platform at Devengoondi	1,520	1,443	2,963							1,520	1,443	2,963	..	57
58	..	..	Platform and lay-bye at Vallur ..	2,072	3,448	5,520							2,072	3,448	5,520	..	58
59	..	..	Goods shed to be doubled in length at Tadpatri	2,601	2,681	5,282							2,601	2,681	5,282	..	59

Budget Estimate of Unsanctioned Works of the Madras Railway for the official year 1890-91—*cont.*

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash outlay in India.	Value of stores.	Total.
			Stations and Buildings—*cont.*	Rs.	Rs.	Rs.
60	..	..	Extension of goods shed at Tirupur ..	2,367	2,416	4,783
61	..	..	Station-house at Kagankarai	1,729	860	2,589
62	..	..	Booking office, oil and store room, road goods room and waiting shed at Ketandapatti	1,722	758	2,480
63	..	..	Third-class waiting room to be enlarged at Ferok	2,809	2,754	5,563
64	..	..	House for stationmaster at Yerraguntla..	917	266	1,183
65	..	..	Do. do. at Tungabhadra	924	266	1,190
66	..	..	House for stationmaster and house for subordinate staff at Gûdalûr	1,900	555	2,455
67	..	..	Assistant stationmaster's house at Kuppam	752	267	1,019
68	..	..	Assistant stationmaster's house at Kadgudi	785	267	1,052
69	..	..	Re-arrangements of yard at Jalârpet ..	6,230	9,907	16,137
70	..	..	Alterations and additions of sidings, &c., at Salem	1,293	3,432	4,725
71	..	..	Station-house at Kadalundi	7,325	3,581	10,906
72	..	..	Lay-bye at Tudiyalur	584	1,821	2,405
73	..	..	Third-class waiting-room, &c., at Tiruvallam	1,259	1,483	2,742
74	..	..	Running guard's bungalow at Bangalore.	2,864	960	3,824
75	..	..	Drainage at 228/12 and 229/1 miles, North-west line	3,150	..	3,150
			Electric Telegraph.			
76	..	..	Introduction of electric light in trains ..	3,000	12,000	15,000
			Total, Engineering Department ..	3,28,725	3,66,071	6,94,796
			Carriage and Wagon Department.			
			100 iron-covered goods wagons ..	10,000	1,92,000	2,02,000
			Total, Schedule B. ..	3,38,725	5,58,071	8,96,796

Madras Railway for the official year 1890-91—*cont.*

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	..	..	..	2,367	2,416	4,783	..	60
..	..	..	..	..	..	1,729	860	2,589	..	61
..	..	..	..	..	..	1,722	758	2,480	..	62
..	..	..	..	..	..	2,809	2,754	5,563	..	63
..	..	..	..	..	..	917	266	1,183	..	64
..	..	..	..	..	..	924	266	1,190	..	65
..	..	..	..	..	..	1,900	555	2,455	..	66
..	..	..	..	..	..	752	267	1,019	..	67
..	..	..	..	..	..	785	267	1,052	..	68
..	..	..	..	..	..	6,230	9,907	16,137	..	69
..	..	..	..	..	..	1,293	3,432	4,725	..	70
..	..	..	..	..	..	7,325	3,581	10,906	..	71
..	..	..	..	..	..	584	1,821	2,405	..	72
..	..	..	..	..	..	1,259	1,483	2,742	..	73
..	..	..	..	..	..	2,864	960	3,824	..	74
..	..	..	..	..	..	3,150	..	3,150	..	75
..	..	..	..	..	..	1,000	12,000	13,000	2,000	76
..	..	..	..	..	..	2,50,000	3,66,071	6,16,071	78,725	
..	..	..	..	..	..	10,000	1,92,000	2,02,000	..	
..	..	..	..	..	..	2,60,000	5,58,071	8,18,071	78,725	

Schedule C, or Construction Works—Part III.

Budget Estimate of Expenditure on Capital Establishment of the Madras Railway during the official year 1890-91.

Number.		Detail.	Actuals for 1888-89.	Budget Estimate for 1889-90.	Revised Estimate for 1889-90.	Budget Estimate for 1890-91.
1889-90.	1890-91.					
			Rs.	Rs.	Rs.	Rs.
..	..	Estimate of establishment ..	14,408	20,000	1,050	..

Schedule D, or Construction Works—Part IV.

Budget Estimate of Emergent Works of the Madras Railway for the official year 1890-91.

Nil.

Schedule E.

Budget Estimate of Expenditure for Purchase of Stores for the Madras Railway during 1890-91.

Detail.	Actual purchase during 1888-89.		Probable purchases during 1889-90.		Estimated purchases during 1890-91.	
	Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
		Rs.		Rs.		Rs.
In India.						
Firewood .. .. Tons.	99,150	5,22,509	94,100	5,00,000	94,100	5,00,000
Oil of sorts .. .. lb.	1,011,996	1,18,063	7,06,200	1,25,500	7,55,500	1,32,500
Cotton waste, &c. .. .. .. ,,	79,078	9,295	85,300	8,000	93,830	8,800
Timber of all kinds .. .. .. Tons.	2,205	2,48,109	2,442	2,61,000	2,324	2,82,000
Tallow, country .. .. .. lb.	21,143	4,492	4,400	1,000	4,840	1,100
Wooden sleepers .. .. .. No.	6,868	34,302	..	18,000	..	16,000
Do. keys .. .. .. ,,	151,665	5,299	..	10,500	..	12,000
Materials for tarpaulins	..	26,192	..	24,000	..	20,000
Manufacture of stores	..	1,12,272	..	1,10,000	..	1,10,000
Freight and landing charges	..	81,604	..	1,20,000	..	1,20,000
Pot sleepers cast in Perambúr Workshops ..	..	..	..	5,000	..	12,000
Sundry stores	..	2,27,312	..	2,22,656	..	1,61,600
Total ..	..	13,89,449	..	14,05,656	..	13,76,000
In England.						
Coal, coke and patent fuel .. .. Tons.	8,979	1,57,155	8,118	1,71,000	11,750	2,62,000
Cylinders .. .. No.	17	14,125	..	..	..	..
Brass and copper pipes, tubes, &c. .. Tons.	14	10,757	..	29,000	..	10,000
Iron and steel plates and bars .. .. ,,	324	32,699	..	34,000	..	25,000
Materials for renewals of rolling-stock chiefly iron work	..	30,624	..	35,000	..	90,000
New covered goods wagons (iron) .. No.	60	1,04,029	125	2,37,500	150	2,85,000
Tyres, engines and carriages .. .. Tons.	457	43,442	..	17,280	..	16,000
Iron open goods wagons for stone traffic. No.	..	..	50	65,000	..	..
Machinery	..	16,529	..	..	..	..
Axles, crank .. .. No.	..	..	12	6,600	..	..
Axles, carriages .. .. .. ,,	400	11,253	..	15,000	..	15,000
Wheels and axles, engines	..	..	3	8,320	..	..
Locomotive	..	..	..	..	8	1,94,080
Permanent-way materials .. .. Tons.	1,246	70,792	..	2,63,000	..	2,20,000
Girders and iron cylinders .. .. ,,	2,256	2,59,256	..	1,28,000	..	4,50,000
Telegraph stores	..	6,852	..	15,000	..	29,000
Materials for tarpaulins	..	30,624	..	6,000	..	6,000
Sundry stores	..	1,89,873	..	4,04,300	..	1,64,920
Total ..	..	9,78,010	..	14,35,000	..	17,67,000
Total, Schedule E. ..	..	23,67,459	..	28,40,656	..	31,43,000

Memorandum.

	Rs.
Actual balance of stores in hand, 1st April 1889	23,27,466
Estimated purchases during 1889-90 as above	28,40,656
Total ...	51,68,122
Estimated issues during 1889-90	24,29,422
Estimated balances on 1st April 1890	27,38,700
Estimated purchases during 1890-91	31,43,000
Total ...	58,81,700
Estimated issues during 1890-91	36,05,180
Estimated balances on 1st April 1891	22,76,520

English Transactions.

	Budget Estimate, 1890-91.
	Rs.
Indents to be sent Home during year	10,84,100
Add for indents of previous year expected to be complied within official year	11,93,580
Add English establishment charges	1,75,000
Total ...	24,52,680
Deduct amount of orders not expected to be complied with until next year	5,10,680
Net Capital cash transactions in England	19,42,000

Schedule F.

Estimate of Traffic Receipts of the Madras Railway, 1890-91.

Number of miles open for traffic on 1st April 1889	840
Expected to be opened during 1889-90	...
Total on 1st April 1890 ...	840
Expected to be opened during 1890-91	...
Total likely to be opened at end of 1890-91	840
Average number of miles expected to be opened during the whole of 1890-91	840

—	Actuals in 1888-89.	Sanctioned Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	Rs.	Rs.	Rs.	Rs.
Coaching traffic	36,35,901	36,00,000	38,30,000	39,00,000
Goods do.	46,79,107	47,20,000	51,50,000	51,00,000
Electric telegraph	18,048	20,000	20,000	20,000
Sundries	2,05,748	1,60,000	2,00,000	2,30,000
Total ...	85,38,804	85,00,000	92,00,000	92,50,000
Train mileage	2,365,885	2,371,000	2,369,000	2,370,000

SCHEDULE G.

ESTIMATE OF REVENUE EXPENDITURE ON THE MADRAS RAILWAY for the official year 1890-91.

—	Actuals in 1888-89.	Sanctioned Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	RS.	RS.	RS.	RS.
Maintenance of Way, Works and Stations.				
1. General superintendence	2,52,676	2,50,000	2,70,000	2,40,000
2. Maintenance and renewal of permanent-way	5,58,565	5,45,000	5,60,000	5,70,000
3. Repairs of bridges, &c., wages and materials.	2,70,144	3,45,000	2,30,000	2,80,000
3-A. Conservancy of rivers	...	...	...	...
4. Repairs of stations and buildings	1,08,219	2,00,000	1,30,000	1,10,000
5. Maintenance by contract	...	...	...	...
6. New minor works	20,571	20,000	20,000	20,000
7. Unclassified expenditure	1,77,527	1,40,000	1,80,000	1,60,000
Total ...	13,87,702	15,00,000	13,90,000	13,80,000
Deduct value of stores returned to stock ...	4,648	...	...	...
Total ...	13,83,054	15,00,000	13,90,000	13,80,000
Locomotive Expenses.				
1. General superintendence	1,02,047	1,20,000	1,02,000	1,02,000
2. Running expenses (wages connected with the working of locomotive engines) ...	3,15,142	3,10,000	3,20,000	3,16,000
3. Fuel	5,59,500	5,55,000	6,40,000	6,00,000
4. Water (including wages and stores) ...	20,834	24,000	22,000	20,000
5. Oil, tallow and other stores (expended on engines in work)	32,970	36,000	34,000	30,000
6. Maintenance and renewals of locomotive engines and machinery	4,65,120	4,50,000	4,98,000	6,50,000
7. New minor works	1,491	2,500	2,500	2,000
8. Payments to other lines	...	...	...	...
9. Unclassified expenditure	1,20,540	1,42,500	1,40,000	1,00,000
Total ...	16,17,644	16,40,000	17,58,500	18,20,000
Carriage and Wagon Expenses.				
1. General superintendence	43,462	40,000	46,000	42,000
2. Repairs and renewals of vehicles and machinery	4,85,852	5,00,000	5,00,000	4,90,000
3. Cleaning carriages and wagons and oiling.	52,987	60,000	56,000	55,500
4. New minor works	503	2,500	2,500	2,500
5. Unclassified expenditure	51,036	67,500	50,000	40,000
Total ...	6,33,840	6,70,000	6,54,500	6,30,000
Deduct sum chargeable to Fire Insurance Fund	3,945	...	...	...
Total ...	6,29,895	6,70,000	6,54,500	6,30,000

Estimate of Revenue Expenditure on the Madras Railway for the official year 1890-91—*cont.*

—	Actuals in 1888-89.	Sanctioned Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	RS.	RS.	RS.	RS.
Traffic Expenses.				
1. Salaries, wages, &c.	5,82,938	5,55,000	5,84,000	5,85,000
2. Fuel, lighting, water and general stores ...	1,13,484	1,12,000	1,12,000	1,12,000
3. Clothing	13,584	8,500	10,000	9,000
4. Printing, stationery and tickets	67,363	60,000	64,500	65,000
5. Charges for delivery and collection of goods, &c.	1,891	1,500	1,500	1,000
6. Miscellaneous expenses	6,438	6,000	6,000	6,000
7. Payments to other lines	...	...	...	...
8. Unclassified expenditure	21,386	22,000	22,000	22,000
Total ...	8,07,084	7,65,000	8,00,000	8,00,000
Deduct sum chargeable to Fire Insurance Fund	560	...	...	...
Total ...	8,06,524	7,65,000	8,00,000	8,00,000
General Charges.				
1. Home expenditure	68,699	70,000	68,000	68,000
2. Salaries of Indian management including offices	2,50,427	2,45,000	2,50,000	2,55,000
3. Police	43,867	40,000	43,000	46,000
4. Advertising (all advertisements of all departments)	4,583	3,000	5,000	6,000
5. Electric Telegraph	1,04,549	1,10,000	1,17,000	1,06,000
6. Clearing accounts with other lines ...	...	...	...	...
7. Unclassified expenditure	33,569	12,000	25,000	27,000
Total ...	5,05,694	4,80,000	5,08,000	5,08,000
Deduct sum chargeable to Fire Insurance Fund	4,454	...	8,000	8,000
Total ...	5,01,240	4,80,000	5,00,000	5,00,000
Special and Miscellaneous Expenditure.				
1. Law charges	7,728	6,000	6,000	2,000
2. Compensation	16,806	6,000	15,000	5,000
3. Rates and taxes (including Municipal water-rates)	13,005	15,000	12,000	8,000
4. Payments to other lines	3,392	6,000	5,000	1,000
5. Prizes for station gardens, &c.	436	2,000	2,000	1,000
6. Contribution to	...	...	...	...
7. Miscellaneous expenditure	14,997	10,000	7,000	3,000
Total ...	56,364	45,000	47,000	20,000
Deduct sum chargeable to Fire Insurance Fund	7,958	...	...	...
Total ...	48,406	45,000	47,000	20,000

(Signed) F. DUNSTERVILLE,
Acting Chief Auditor.

MADRAS,
7th May 1890.

(Signed) F. H. TREVITHICK,
Acting Agent and Manager.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read again the following paper :—

G.O., dated 9th April 1890, No. $\frac{482}{B.}$ R., Public Works.

Read again the following papers :—

G.O., dated 10th January 1890, No. 27 R., Public Works.

From the Consulting Engineer for Railways, dated Madras, 10th January 1890, No. 17.

CAPITAL ACCOUNT.

ABSTRACT OF ESTIMATED CASH EXPENDITURE in INDIA on the MADRAS RAILWAY for the official year 1890-91.

Particulars.	Actuals for 1888-89.	Budget Estimate for 1889-90.	Revised Estimate for 1889-90.	Budget Estimate for 1890-91.
CAPITAL OUTLAY.	RS.	RS.	RS.	RS.
Engineering Department.				
Sanctioned works as per schedule A	6,95,604	5,00,000	5,01,035	2,76,871
Works to be sanctioned do. B	...	2,50,000	...	3,87,518
Emergent works do. D	...	...	20,000	20,000
Locomotive Department.				
Sanctioned works as per schedule A	...	...	...	...
Works to be sanctioned do. B	...	...	...	...
Carriage and Wagon Department.				
Sanctioned works as per schedule A	16,952	7,500	37,259	31,550
Works to be sanctioned do. B	...	25,000	...	10,000
General.				
Establishment chargeable to Capital as per General estimate of Establishment C ...	14,408	20,000	1,050	...
Stores as per schedule E	13,89,449	11,92,500	14,35,656	14,12,800
Miscellaneous	6,472	5,000	5,000	5,000
	21,22,885	...	...	...
Deduct—Increase in credit balance of Capital Advance Account, &c.	78,109	...	...	...
Total withdrawals on Capital Account ...	20,44,776	20,00,000	20,00,000	21,43,739
Receipts to be credited to Capital Account ...	...	...	...	...
Share Capital paid in India	...	...	...	...
Refunds on account of stores sold to Revenue and others	18,73,749	18,50,000	20,00,000	20,00,000
Refunds of receipts from Revenue for work done	...	...	...	...
Other Refunds—				
Home expenditure, &c.	2,02,645	3,50,000	2,25,000	3,00,000
Amount less credited to refunds	2,102	...	...	...
Total payments in Treasury on Capital Account.	20,78,496	22,00,000	22,25,000	23,00,000
Net cash demand in India on Capital Account.	**33,720**	**2,00,000**	**2,25,000**	**1,56,261**
ENGLAND.				
PURCHASE OF STORES.				
Indents to be sent Home during the year ...	...	9,66,400	15,86,380	10,84,100
Previous Indents to be complied with ...	...	5,69,044	9,34,500	11,93,580
Total ...	...	15,35,444	25,20,880	22,77,680
Deduct for Indents estimated to be complied with in the following year ...	...	6,11,444	11,93,580	3,77,500
Total outlay for Stores ...	9,78,010	9,24,000	13,27,300	19,00,180
HOME EXPENDITURE AND PAYMENTS.				
Home expenditure	68,699	90,000	75,000	75,000
Furlough and sick leave allowances	22,956	35,000	30,000	30,000
Family and sundry payments less receipts ...	63,363	75,000	70,000	70,000
Total Home expenditure and payments ...	1,55,018	2,00,000	1,75,000	1,75,000
Total cash demand in England ...	11,33,028	11,24,000	15,02,300	20,75,180

REVENUE ACCOUNT.

ABSTRACT of ESTIMATED REVENUE RECEIPTS and EXPENDITURE of the MADRAS RAILWAY for the official year 1890-91.

Particulars.	Actuals for 1888-89.	Budget Estimate for 1889-90.	Revised Estimate for 1889-90.	Budget Estimate for 1890-91.
RECEIPTS AS PER SCHEDULE F.	RS.	RS.	RS.	RS.
Coaching traffic	36,35,901	36,00,000	38,30,000	38,80,000
Goods do.	46,79,107	47,20,000	51,00,000	49,00,000
Electric telegraph earnings	18,048	20,000	20,000	20,000
Sundries	2,05,748	1,60,000	2,00,000	2,00,000
Total (1) ...	85,38,804	85,00,000	91,50,000	90,00,000
Receipts on account of traffic appertaining to other lines	5,83,933	6,25,000	6,50,000	6,50,000
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) ...	91,22,737	91,25,000	98,00,000	96,50,000
EXPENDITURE AS PER SCHEDULE G.				
Maintenance of way, works, and stations ...	13,83,054	15,00,000	13,90,000	14,10,000
Locomotive expenses	16,17,644	16,40,000	17,58,500	20,35,500
Carriage and wagon expenses	6,29,895	6,70,000	6,54,500	6,60,000
Traffic expenses	8,06,524	7,65,000	8,00,000	8,00,000
General charges	5,01,240	4,80,000	5,27,600	5,45,500
Special and miscellaneous expenditure ...	48,406	45,000	69,400	49,000
Total (3) ...	49,86,763	51,00,000	52,00,000	55,00,000
Payments to other lines for their proportion of through traffic, &c.	5,05,586	6,25,000	6,50,000	6,50,000
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) ...	54,92,349	57,25,000	58,50,000	61,50,000
Net earnings (1)—(3) ...	35,52,041	34,00,000	39,50,000	35,00,000
Net receipts (2)—(4) ...	36,30,388	34,00,000	39,50,000	35,00,000
Surplus profits ...	...	...	...	...

CAPITAL.

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.
			EARTH-WORK.			
1	C.E. No. 663 ..	12th Aug. 1889.	Pitching the embankment of the Ambatur tank at 10/9 miles, South-west line ..	3,267	..	3,267
			BRIDGE-WORK.			
2	C.E. No. 541 ..	16th Aug. 1884.	Reconstruction of the Pennér bridge ..	4,20,282	5,37,706	9,57,988
	G.O. No. 315 R.	17th Mar. ,,				
	G.O. No. 773 R.	24th July ,,				
	G.O. No. 828 R.	9th Sept. ,,				
	C.E. No. 467 ..	3rd Aug. 1886.				
	C.E. No. 778 ..	15th Nov. 1887.				
	G.O. No. 404 R.	17th May 1888.				
	C.E. No. 1014..	14th Dec. ,,				
	G.O. No. 531 R.	13th May 1889.				
	G.O. No. 502 R.	4th ,, ,,				
3	G.O. No. 911 R.	6th Dec. 1886.	New bridge over the Chitrávati river ..	3,97,771	7,66,956	11,64,727
	C.E. No. 769 ..	7th ,, ,,				
4	G.O. No. 773 R.	18th Oct. ,,	New bridge over the Pápaghni river ..	2,11,872	7,20,874	9,32,746
	G.O. No. 932 R.	13th Dec. ,,				
	C.E. No. 790 ..	15th ,, ,,				
5	G.O. No. 518 R.	26th Feb. 1889.	Over-bridge at east end of Perambúr station.	591	4,831	5,422
	C.E. No. 190 ..	1st Mar. ,,				
6	C.E. No. 699 ..	10th Sept. 1888.	Foot-bridge at west end of Perambúr works.	817	6,221	7,038
	C.E. No. 701 ..	24th Aug. 1889.				
7	C.E. No. 19 ..	9th Jan. ,,	Protective works at 201/12 to 203/11 miles, North-west line	2,511	394	2,905
			EXTENSION OF LINE.			
8	C.E. No. 52 ..	26th Jan. 1886.	Extension of line to Calicut	3,68,640	4,88,557	8,57,197
	C.E. No. 882 ..	21st Dec. 1887.				
			STATIONS AND BUILDINGS.			
9	C.E. No. 756 ..	22nd Sept. 1888.	Station-house, &c., at Tyakal	3,070	1,562	4,632
10	G.O. No. 844 R.	20th Oct. ,,	Do. at Sevapet ..	7,079	7,129	14,208
	C.E. No. 873 ..	23rd ,, ,,				
11	G.O. No. 127 R.	1st Feb. 1889.	Do. at Ulli	3,630	4,307	7,937
	C.E. No. 113 ..	4th ,, ,,				
12	G.O. No. 379 R.	6th April ,,	Do. at Krishnapuram ..	3,035	2,841	5,876
13	G.O. No. 558 R.	17th May ,,	Do. at Jakkulacheruvu ..	8,883	14,282	23,165
14	G.O. No. 552 R.	15th ,, ,,	Do. at Vanganur ..	10,089	12,393	22,482
15	G.O. No. 588 R.	8th Aug. 1887.	Do. at Kallavi ..	7,528	3,985	11,513
	G.O. No. 645 R.	2nd Sept. ,,				
	C.E. No. 713 ..	11th ,, 1888.				
16	G.O. No. 812 R.	4th Nov. 1887.	Do. at Buddireddipatti ..	6,675	4,188	10,863
	C.E. No. 1010..	13th Dec. 1888.				
17	G.O. No. 129 R.	17th Feb. ,,	Three sheds at south-west end of carriage shop, Perambúr works.	6,551	13,200	19,751
	C.E. No. 435 ..	16th May 1889.				
18	G.O. No. 94 R.	7th Feb. 1888.	Crossing station at Patchur, Bangalore branch.	7,142	10,543	17,685
	C.E. No. 218 ..	11th Mar. 1889.				
19	G.O. No. 94 R.	7th Feb. 1888.	Crossing station at Mullanur ..	12,468	13,191	25,659
	C.E. No. 217 ..	11th Mar. 1889.				
20	C.E. No. 154 ..	25th Feb. 1888.	Crossing station at 155th mile, North-west line.	5,972	8,692	14,664
	C.E. No. 185 ..	28th ,, 1889.				
21	G.O. No. 68 R.	26th Jan. 1888.	Alterations and additions to Raichur station	5,559	5,481	11,040
22	G.O. No. 869 R.	20th Nov. 1886.	Alterations and additions to Rénigunta station in consequence of junction arrangements with Cuddapah-Nellore State Railway.	36,704	46,543	83,247
	C.E. No. 791 ..	15th Dec. ,,				
	G.O. No. 365 R.	1st April 1889.				
23	C.E. No. 906 ..	31st Oct. 1888..	Godowns for Messrs. Stanes and Co. and Messrs. Pierce, Leslie and Co. at Mettupálaiyam station	2,270	130	2,400
	C.E. No. 613 ..	22nd July 1889.				
24	C.E. No. 659 ..	12th Aug. 1889.	Loading bank and goods godown at Sankaridrug	1,359	1,139	2,498
25	C.E. No. 662 ..	12th ,, ,,	Extension of goods godown at Erode ..	2,117	1,569	3,686
26	C.E. No. 408 ..	19th Oct. ,,	Waiting sheds at Perambúr ..	1,610	5,668	7,278
	G.O No. 1155.	25th ,, ,,				
27	C.E. No. 858 ..	17th ,, ,,	Lay-bye, loading bank and goods godown at Kupgal	1,565	3,129	4,694
28	C.E. No. 936 ..	8th Nov. ,,	Tank to be erected on bridge No. 242 at Pennér, North-west line	2,222	135	2,357

WORKS—PART I.

MADRAS RAILWAY for the official year 1890-91.

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	..	..	500	..	500	2,767	..	2,767	..	1
3,11,553	4,86,174	7,97,727	1,06,229	49,032	1,55,261	2,500	2,500	5,000	..	2
1,43,704	6,63,057	8,06,761	1,76,242	61,536	2,37,778	77,825	42,363	1,20,188	..	3
..	..	..	75,000	1,00,000	1,75,000	1,50,000	4,50,000	6,00,000	2,12,142	4
..	..	..	591	4,831	5,422	..	..	..	..	5
..	16	16	817	6,205	7,022	..	..	..	..	6
..	21	21	2,090	200	2,290	421	173	594	..	7
8,26,424	6,89,043	15,15,467	12,971	..	12,971	..	..	..	..	8
2,041	820	2,861	1,650	121	1,771	..	..	..	..	9
682	3,516	4,198	6,397	3,613	10,010	..	..	..	..	10
3	2,037	2,040	3,127	1,970	5,097	500	300	800	..	11
...	..	..	2,835	2,791	5,626	200	50	250	..	12
..	..	..	6,883	10,282	17,165	2,000	4,000	6,000	..	13
..	..	..	9,889	12,143	22,032	200	250	450	..	14
7,163	3,270	10,433	365	715	1,080	..	..	..	..	15
5,560	3,763	9,323	1,115	425	1,540	..	..	..	..	16
4,114	11,849	15,963	2,437	1,351	3,788	..	..	..	..	17
7,132	10,458	17,590	40	55	95	..	..	..	..	18
9,483	10,514	19,997	3,361	2,301	5,662	..	..	..	..	19
4,608	4,712	9,320	2,507	2,837	5,344	..	..	..	..	20
3,542	5,043	8,585	2,060	395	2,455	..	..	..	..	21
35,288	46,597	81,885	1,362	..	1,362	..	..	..	..	22
2,186	113	2,299	84	17	101	..	..	..	..	23
..	..	..	859	939	1,798	500	200	700	..	24
..	..	..	1,617	1,369	2,986	500	200	700	..	25
..	..	..	600	1,500	2,100	1,010	4,168	5,178	..	26
..	..	..	1,000	2,000	3,000	565	1,129	1,694	..	27
..	..	..	1,000	100	1,100	1,222	35	1,257	..	28

Budget Estimate of Sanctioned Works of the Madras

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			STATIONS AND BUILDINGS—*cont.*	RS.	RS.	RS.
29	C.E. No. 437 ..	13th June 1888.	Platform at Connur, South-west line.	2,445	2,525	4,970
	C.E. No. 1004.	11th Dec. ,,				
	C.E. No. 225 ..	12th Mar. 1889.				
	C.E. No. 823 ..	7th Oct. ,,				
30	C.E. No. 610 ..	13th Aug. ,,	Platform at Pallipuram	2,371	1,661	4,032
31	C.E. No. 593 ..	13th July ,,	Platform at Aryanur	1,391	1,342	2,733
32	C.E. No. 321 ..	9th April ,,	Enlarging and deepening Locomotive well No. 2 at Salem	2,125	..	2,125
33	C.E. No. 855 ..	17th Oct. ,,	Three-ton crane at Tirur station ..	202	2,046	2,248
34	C.E. No. 851 ..	17th ,, ,,	Five-ton crane at Salem station ..	281	2,640	2,921
35	C.E. No. 484 ..	3rd June ,,	Five-ton crane at Rénigunta station ..	295	2,640	2,935
36	G.O., No 527 R.	10th May ,,	Thirty ton weigh bridge at Guntakal junction	894	5,689	6,583
37	G.O. No. 464 R.	26th April ,,	Thirty-ton weigh bridge and siding at Bangalore Pettah station	1,071	5,428	6,499
38	C.E. No. 406 ..	8th May ,,	Weigh bridge and alterations of cross-over road at Kolar road	348	2,831	3,179
39	G.O. No. 782 R	25th Sept. 1888.	Staff quarters at Gooty	4,357	1,728	6,085
40	G.O. No. 268 R.	31st Mar. 1886.	Bungalow for three Eurasian clerks at Raichur.	4,277	1,433	5,710
	C.E. No. 770 ..	11th Nov. 1887.				
	C.E. No. 273 ..	26th Mar. 1889.				
41	G.O. No. 269 R.	31st ,, 1886.	Native clerks' house at Raichur ..	4,109	1,759	5,868
	C.E. No. 790 ..	11th Nov. 1887.				
	C.E. No. 264 ..	23rd Mar. 1889.				
42	G.O. No. 88 R.	4th Feb. 1880.	Goods clerk's office at Salt Cotaur station.	12,459	9,060	21,519
	C.E. No. 216 ..	11th Mar. 1889.				
	C.E. No. 434 ..	16th May ,,				
43	C.E. No. 693 ..	3rd Nov. 1886.	Refreshment room for natives at Raichur.	2,684	815	3,499
	C.E. No. 149 ..	23rd Feb. 1888.				
	C.E. No. 155 ..	19th Feb. 1889.				
	C.E. No. 286 ..	19th Mar ,,				
44	G O. No. 904 R.	30th Nov. 1887.	Double Engine Drivers' bungalow at Cuddapah	8,274	2,730	11,004
45	G.O. No 756 R.	15th Sept. 1888.	Two Guards' bungalows at Gooty ..	8,354	1,822	10,176
46	G.O. No. 328 R.	25th Mar. 1889.	Tiffin-room at Perambúr	3,496	3,504	7,000
47	C.E. No. 488 ..	6th June 1889.	Stationmaster's bungalow at Kolar road.	2,188	939	3,127
48	C.E. No. 857 ..	17th Oct. ,,	Pointsmen's and scavengers' huts at Mullapuram	2,762	736	3,498
49	C.E. No. 514 ..	17th June ,,	Native Signallers' bungalow at Guntakal junction	2,736	701	3,437
50	C.E. No. 486 ..	2nd July 1888.	Extension of through siding at Vontimitta	560	1,536	2,096
51	C.E, No. 767 ..	24th Sept. ,,	Extension of through siding at Aspari.	767	1,382	2,149
52	C.E. No. 27 ..	11th Feb. 1889.	Extension of lay-bye into a through siding at Kamasamudram	348	1,867	2,215
53	C.E. No. 492 ..	7th June ,,	Extension of through siding at Kanyikod.	1,314	1,860	3,174
	G.O. No. 639 ..	5th ,, ,,				
54	C.E. No. 594 ..	13th July ,,	Extension of goods lay-bye at Yerraguntla	261	2,151	2,412
55	C.E. No. 515 ..	17th June ,,	Extension of platform and through siding at Peddapad	1,577	3,246	4,823
56	C.E. No. 493 ..	7th ,, ,,	Extension of platform and through siding at Vániyambádi	1,552	2,469	4,021
57	C.E. No. 516 ..	17th ,, ,,	Extension of through siding at Tiruvallam	1,290	1,585	2,875
58	G.O. No. 588 R.	22nd May ,,	Extension of platform and through siding at Ottapalam	1,194	2,387	3,581
59	G.O. No. 684 R.	18th June ,,	Extension of platform and through siding at Kuttipuram	1,914	3,235	5,149
60	C.E. No. 100 ..	29th Jan. ,,	Cross-over road at Pódanúr	350	2,397	2,747
61	G.O. No. 511 R.	19th Feb. 1888.	Extension of platform at Ketandapati ..	1,486	3,854	5,340
62	C.E. No. 587 ..	6th Aug. ,,	Extension of through siding at Nagiri.	1,034	1,603	2,637
	C.E. No. 174 ..	26th Feb. 1889.				
	C.E. No. 507 ..	13th June ,,				
	C.E No. 873 ..	19th Oct. ,,				
63	G.O. No 71 R.	22nd Jan. ,,	Alterations and additions to sidings at Kolar road.	1,861	7,622	9,483
	C.E. No. 82 ..	24th ,, ,,				
64	C.E. No. 26 ..	11th Feb. ,,	Conversion of lay-bye near engine shed into siding at Arkónam	292	1,912	2,204
65	C.E. No. 381 ..	4th Oct. ,,	Additional siding and cross-over road at Arkónam.	2,789	4,903	7,692
	G.O. No. 1146 R.	22nd ,, ,,				
	G.O. No. 512 R.	19th June 1888.				
66	C.E. No. 494 ..	3rd July ,,	Additional siding at Jalárpet ..	753	3,724	4,477
	C.E. No. 161 ..	21st Feb. 1889.				
	C.E. No. 386	1st May ,,				
67	G.O. No. 642 R.	6th June ,,	Additional siding at Kamasamudrum ..	2,734	3,791	6,525

Railway for the official year 1890-91—*cont.*

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
1,369	2,425	3,794	1,076	100	1,176	..	..	..	..	29
1,840	178	2,018	531	1,483	2,014	..	..	..	..	30
..	..	..	1,341	1,242	2,583	50	100	150	..	31
1,160	..	1,160	965	..	965	..	..	..	..	32
..	..	..	102	1,546	1,648	100	500	600	..	33
..	..	..	181	2,040	2,221	100	600	700	..	34
..	..	..	295	2,640	2,935	..	..	..	..	35
..	..	..	894	5,689	6,583	..	..	..	..	36
..	..	..	1,071	5,428	6,499	..	..	..	..	37
..	..	..	348	2,831	3,179	..	..	..	..	38
633	1,139	1,772	3,601	712	4,313	..	..	..	..	39
1,745	790	2,535	2,628	547	3,175	..	..	..	..	40
861	439	1,300	3,248	1,320	4,568	..	..	..	..	41
10,868	8,909	19,777	1,591	151	1,742	..	..	..	..	42
2,310	315	2,625	374	500	874	..	..	..	..	43
..	..	..	..	..	..	4,692	1,304	5,996	..	44
3,582	1,426	5,008	..	..	..	..	..	..	..	45
4,998	869	5,867	3,382	927	4,309	..	..	..	..	46
..	..	..	2,996	3,204	6,200	500	300	800	..	47
..	..	..	1,688	889	2,577	500	50	550	..	48
..	..	..	1,300	400	1,700	1,462	336	1,798	..	49
..	..	..	2,000	501	2,501	736	200	936	..	50
153	1,042	1,195	407	494	901	..	..	..	..	51
627	1,281	1,908	140	101	241	..	..	..	..	52
107	980	1,087	241	887	1,128	..	..	..	..	53
..	..	..	1,314	1,860	3,174	..	..	..	..	54
..	..	..	211	2,081	2,292	50	70	120	..	55
..	..	..	1,577	3,246	4,823	..	..	..	..	56
..	..	..	1,552	2,469	4,021	..	..	..	..	57
..	..	..	1,290	1,585	2,875	..	..	..	..	58
..	..	..	1,194	2,387	3,581	..	..	..	..	59
..	..	..	1,914	3,235	5,149	..	..	..	..	60
30	564	594	642	1,511	2,153	..	..	..	..	61
1,144	2,256	3,400	342	1,598	1,940	..	..	..	..	62
..	..	..	834	1,200	2,034	200	403	603	..	63
565	3,936	4,501	1,296	3,686	4,982	..	..	..	..	64
..	1,048	1,048	292	864	1,156	..	..	..	..	65
..	..	..	2,489	4,403	6,892	300	500	800	..	66
753	3,724	4,477	..	1,102	1,102	..	..	..	..	67
..	..	..	2,734	3,791	6,525	..	..	..	..	

Budget Estimate of Sanctioned Works of the Madras

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			STATIONS AND BUILDINGS—*cont.*	RS.	RS.	RS.
68	G.O. No. 1082 R.	8th Oct. 1889.	Alterations and additions to Locomotive siding at Jalárpet	1,268	6,974	8,242
69	G.O. No. 560 R.	17th May ,,	Alteration of main line and additional siding at Kolar road	2,738	7,047	9,785
70	G.O. No. 984 R.	10th Sept. ,,	Alteration of sidings at Cuddapah ..	2,712	13,962	16,674
71	C.E. No. 606 ..	20th July ,,	Proposed crane lines, &c., General Stores yard, Ráyapuram	232	4,991	5,223
72	G.O. No. 800 R.	25th ,, ,,	Through siding at Tyakal	1,551	6,251	7,802
73	C.E. No. 766 ..	24th Sept. 1888.	Catch siding at Kuppam	1,352	2,087	3,439
	C.E. No. 1021..	18th Dec. ,,				
74	C.E. No. 630 ..	26th July 1889.	Material siding at 82nd mile, South-west line	794	4,918	5,712
75	Do. ..	Do. ..	New minor works, amount expended in excess of Revenue sanction	10,866	..	10,866
			BALLAST AND PERMANENT-WAY.			
76	G.O. No. 17 R.	4th Feb. 1886.	Laying new permanent way over girder bridges, South-west line	8,115	2,16,284	2,24,399
77	C.E. No. 331 ..	31st Mar. 1886.	Laying new permanent way over girder bridges, North-west line	9,659	3,06,302	3,15,961
	C.E. No. 184 ..	3rd Feb. 1887.				
			ELECTRIC TELEGRAPH.			
78	G.O. No. 798 R.	25th July 1889.	Revised estimate for the extension of 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
79	C.E. No. 490 ..	26th July 1887.	Electric starting semaphore signal interlocked with block instruments required at stations on the Calicut extension ..	768	1,008	1,776
80	Do. ..	Do. ...	Instruments, stores, &c., required for opening Telegraph offices at stations on the Calicut extension	1,092	903	1,995
81	C.E. No. 830 ..	28th Nov. 1887.	Supplementary estimate of the cost of posts, wires, &c., for electric starting semaphore signal and Bell circuits on the Calicut extension	319	983	1,302
82	C.E. No. 881 ..	21st Dec. 1887.	Posts, wires, instruments, &c., required for the erection of electric telegraph on the Pálghat extension	635	1,429	2,064
83	Do. ..	Do. ..	Electric starting semaphore signal interlocked with block instruments required for stations on the Pálghat extension ..	332	341	673
84	G.O. No 111 R.	1st Feb. 1889.	Single needle instruments, batteries, &c, for trial or additional stations ..	4,122	3,588	7,710
			Total, Engineering Department ..	17,41,972	34,68,085	52,10,057
			CARRIAGE AND WAGON DEPARTMENT.			
1	C.E. No. 466 ..	28th May 1889.	One reserved saloon	2,530	4,250	6,780
2	C.E. No. 535 ..	22nd June 1889.	Twelve brake vans	7,200	33,000	40,200
3	C.E. No. 361 ..	20th April 1889.	200 iron covered goods wagons ..	20,000	3,84,000	4,04,000
	G.O. No. 1319 R.	28th Nov. 1889.				
4	C.E. No. 561 ..	26th July 1888.	Fifty iron open wagons for stone traffic.	7,500	65,000	72,500
5	G.O. No. 1213 R.	6th Nov. 1889.	One composite carriage	1,500	4,200	5,700
6	Do. ..	Do. ..	Thirty-six third-class carriages ..	27,000	99,000	1,26,000
7	Do. ..	Do. ..	Fourteen ambulance carriages ..	12,600	43,400	56,000
			Total, Carriage and Wagon Department	78,330	6,32,850	7,11,180
			Total, Schedule A ..	18,20,302	41,00,935	59,21,237

* Revised estimate

Railway for the official year 1890-91—*cont.*

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	..	..	1,000	5,000	6,000	268	1,974	2,242	..	68
..	..	..	2,738	7,047	9,785	..	..	..	..	69
..	..	..	1,700	10,048	11,748	1,561	5,000	6,561	..	70
..	..	..	232	4,991	5,223	..	..	..	..	71
..	..	..	1,251	5,251	6,502	300	1,000	1,300	..	72
..	..	..	1,352	2,087	3,439	..	..	..	..	73
..	..	..	794	4,918	5,712	..	..	..	..	74
..	..	..	10,866	..	10,866	..	..	..	..	75
2,961	1,00,555	1,03,516	2,500	25,000	27,500	2,500	25,000	27,500	65,883	76
611	1,74,645	1,75,256	2,500	25,000	27,500	3,000	30,000	33,000	80,205	77
46,023	84,784	1,30,807	2,000	1,000	3,000	16,920	16,034	32,954	..	78
167	216	383	601	792	1,393	..	..	..	..	79
867	497	1,364	225	406	631	..	..	..	..	80
66	534	600	253	449	702	..	..	..	..	81
316	1,091	1,407	319	338	657	..	..	..	..	82
37	37	74	295	304	599	..	..	..	..	83
..	..	..	700	1,100	1,800	3,422	2,488	5,910	..	84
14,47,276	23,34,683	37,81,959	5,01,035	4,29,109	9,30,144	2,76,871	5,91,227	8,68,098	3,58,230	
2,501	4,130	6,631	29	120	149	..	..	..	..	1
..	..	..	4,800	22,000	26,800	2,400	11,000	13,400	..	2
2,020	72,298	74,318	15,980	2,73,302	2,89,282	2,000	38,400	40,400	..	3
..	..	..	2,500	89,500	* 92,000	..	..	..	..	4
..	..	..	750	2,100	2,850	750	2,100	2,850	..	5
..	..	..	9,000	33,000	42,000	18,000	66,000	84,000	..	6
..	..	..	4,200	14,500	18,700	8,400	28,900	37,300	..	7
4,521	76,428	80,949	37,259	4,34,522	4,71,781	31,550	1,46,400	1,77,950	..	
14,51,797	24,11,111	38,62,908	5,38,294	8,63,631	14,01,925	3,08,421	7,37,627	10,46,048	3,58,230	

submitted.

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.
			EARTHWORK.			
1	..	..	Pitching the embankment of tank at 99/8 to 14 miles, South-west line ..	1,143	..	1,143
2	..	..	Pitching the embankment of tank at 46/7½ to 47/3 miles, South-west line ..	1,759	..	1,759
3	..	..	Raising the line at 60th mile, South-west line	9,260	808	10,068
			BRIDGE-WORK.			
4	..	..	Thoorthah bridge, removing existing girders and fixing new girders alongside	4,663	7,086	11,749
			STATIONS AND BUILDINGS.			
5	..	..	Salt godown to be converted into Running Guards' bungalow at Bangalore Cantonment	1,387	887	2,274
6	..	..	Bungalows for two families each to be provided at two stations, Traffic Department	19,335	9,852	29,187
7	..	..	Houses for Stationmasters	10,164	2,966	13,130
8	..	..	Houses for subordinate staff, Traffic Department	9,833	2,337	12,170
9	..	..	Four houses for native clerks, Traffic Department, Guntakal junction ..	2,507	879	3,386
10	..	..	Stationmaster's house at Reddipalli ..	911	267	1,178
11	..	..	Stationmaster's house at Orampad ..	911	267	1,178
12	..	..	Stationmaster's and Assistant Stationmaster's houses at McDonald Choultry.	1,224	499	1,723
13	..	..	Stationmaster's and Assistant Stationmaster's houses at Uttukuli ..	1,230	499	1,729
14	..	..	Ten huts for scavengers at Calicut ..	2,100	400	2,500
15	..	..	Pointmen's and scavengers' huts at Kadambatúr	1,287	353	1,640
16	..	..	Pointmen's and scavengers' huts at Tadpatri	2,937	611	3,548
17	..	..	Scavengers' huts at Rénigunta	2,639	612	3,251
18	..	..	Scavengers' huts at Cuddapah ..	1,834	408	2,242
19	..	..	Double Engine Drivers' bungalow at Rénigunta	3,337	1,380	4,717
20	..	..	Running Drivers' bungalow at Rénigunta.	7,168	1,426	8,594
21	..	..	One block of two bungalows for European and Eurasian firemen at Katpadi.	2,022	398	2,420
22	..	..	Bungalows for two Carriage Examiners at Cuddapah	4,846	2,174	7,020
23	..	..	Bungalow for European and Eurasian firemen at Cuddapah	3,829	1,807	5,636
24	..	..	Drivers' bungalow at Calicut	3,147	1,023	4,170
25	..	..	One block of four bungalows for European and Eurasian firemen at Pódanúr.	3,145	1,521	4,666
26	..	..	Two houses for Native clerks and eight houses for fitters, &c., at Bangalore ..	6,456	2,022	8,478
27	..	..	Chuttrum for Native drivers at Pódanúr.	1,249	560	1,809
28	..	..	Bungalow for Permanent-way Inspectors at Pódanúr	2,338	1,182	3,520
29	..	..	Telegraph Inspector's bungalow at Calicut	4,627	872	5,499
30	..	..	Prosecuting Inspector's bungalow at Gooty	2,359	817	3,176
31	..	..	Trial stations to be provided at three stations	22,677	14,570	37,247
32	..	..	Four crossing stations	10,188	30,285	40,473
33	..	..	Station house, &c., at Pénner, North-west line	9,503	5,607	15,110
34	..	..	Alterations and additions to station house, &c., at Bangalore Cantonment ..	8,387	7,617	16,004
35	..	..	Extension and enlargement of station house at Bangalore City	8,309	7,238	15,547
36	..	..	Booking office, oil and store room, waiting shed, and road goods room at Vizianagalam	1,734	758	2,492
37	..	..	Alterations and additions to station house at Kolar road	10,587	6,504	17,091
38	..	..	Booking office, store room, waiting shed, and road goods room at Kaganikarai ..	1,724	758	2,482

WORKS—PART II.

MADRAS RAILWAY for the official year 1890-91.

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
						1,143	..	1,143	..	1
..	..	..	..	..	..	1,759	..	1,759	..	2
..	..	..	..	..	..	9,260	808	10,068	..	3
..	..	..	..	..	..	4,663	7,086	11,749	..	4
..	..	..	..	..	..	1,387	887	2,274	..	5
..	..	..	..	..	..	19,335	9,852	29,187	..	6
..	..	..	..	..	..	10,164	2,966	13,130	..	7
..	..	..	..	..	..	9,833	2,337	12,170	..	8
..	..	..	..	..	..	2,507	879	3,386	..	9
..	..	..	..	..	..	911	267	1,178	..	10
..	..	..	..	..	..	911	267	1,178	..	11
..	..	..	..	..	..	1,224	499	1,723	..	12
..	..	..	..	..	..	1,230	499	1,729	..	13
..	..	..	..	..	..	2,100	400	2,500	..	14
..	..	..	..	..	..	1,287	353	1,640	..	15
..	..	..	..	..	..	2,937	611	3,548	..	16
..	..	..	..	..	..	2,639	612	3,251	..	17
..	..	..	..	..	..	1,834	408	2,242	..	18
..	..	..	..	..	..	3,337	1,380	4,717	..	19
..	..	..	..	..	..	7,168	1,426	8,594	..	20
..	..	..	..	..	..	2,022	398	2,420	..	21
..	..	..	..	..	..	4,846	2,174	7,020	..	22
..	..	..	..	..	..	3,829	1,807	5,636	..	23
..	..	..	..	..	..	3,147	1,023	4,170	..	24
..	..	..	..	..	..	3,145	1,521	4,666	..	25
..	..	..	..	..	..	6,456	2,022	8,478	..	26
..	..	..	..	..	..	1,249	560	1,809	..	27
..	..	..	..	..	..	2,338	1,182	3,520	..	28
..	..	..	..	..	..	4,627	872	5,499	..	29
..	..	..	..	..	..	2,359	817	3,176	..	30
..	..	..	..	..	..	22,677	14,570	37,247	..	31
..	..	..	..	..	..	10,188	30,285	40,473	..	32
..	..	..	..	..	..	9,503	5,607	15,110	..	33
..	..	..	..	..	..	8,387	7,617	16,004	..	34
..	..	..	..	..	..	8,309	7,238	15,547	..	35
..	..	..	..	..	..	1,734	758	2,492	..	36
..	..	..	..	..	..	10,587	6,504	17,091	..	37
..	..	..	..	..	..	1,724	758	2,482	..	38

Budget Estimate of Unsanctioned Works of the Madras

Number of items.	Sanctions. Number.	Sanctions. Date.	Particulars.	Amount of Estimate. Cash outlay in India.	Value of stores.	Total expenditure.
			STATIONS AND BUILDINGS—*cont.*	RS.	RS.	RS.
39	..	..	Booking office, waiting shed, oil and store room, road goods room and lay-bye at Singanallur	2,367	2,678	5,045
40	..	..	Booking office, oil and store room and road goods room at Aryanur ..	1,730	758	2,488
41	..	..	Booking office, oil and store room, waiting shed and road goods room at Katandapati	1,722	758	2,480
42	..	..	Booking office, oil and store room and road goods room at Gudalur ..	1,143	370	1,513
43	..	..	Junction arrangements at Katpadi station.	75,000	75,000	1,50,000
44	..	..	Proposed waiting shed at Gudalur ..	1,076	193	1,269
45	..	..	Lavatory and latrine for 1st and 2nd class passengers at Central station. ..	2,000	3,000	5,000
46	..	..	Fixing lightning conductors to buildings at Calicut station	306	755	1,061
47	..	..	Fixing lightning conductors to buildings at Rénigunta	306	755	1,061
48	..	..	Drainage of Bangalore City station ..	1,200	90	1,290
49	..	..	Extension of seven platforms and eight through sidings.	8,672	14,608	23,280
50	..	..	Extension of platform and through siding at Tirutani	405	1,748	2,153
51	..	..	Extension of platform and through siding at Kamalápuram	560	1,813	2,373
52	..	..	Extension of platform and through siding at Kondapuram	490	1,391	1,881
53	..	..	Extension of through siding at Tirupatúr.	226	861	1,087
54	..	..	Extension of through siding at Gudiyátam	416	1,643	2,059
55	..	..	Extension of through siding at Sholinghur	807	1,930	2,737
56	..	..	Through siding at Coimbatore ..	489	1,633	2,122
57	..	..	Additional sidings at Jalárpet ..	6,119	13,319	19,438
58	..	..	Alteration of site of catch siding at Jalárpet	509	396	905
59	..	..	Cost of extra sidings laid on account of Madras Railway Broad gauge at Guntakal junction	6,694	60,740	67,434
60	..	..	Additional sidings and cross-over road at Olavakode	1,043	5,841	6,884
61	..	..	Horse dock and siding at Guntakal junction	4,213	4,307	8,520
62	..	..	Extension of platform at Kadiampati ..	835	508	1,343
63	..	..	Extension of platform at Tudiyalur ..	797	778	1,575
64	..	..	Extension of platform at Salem ..	670	519	1,189
65	..	..	Extension of platform at Chinnammápet.	1,425	1,606	3,031
66	..	..	Four platforms to be provided at trial station	9,088	5,990	15,078
67	..	..	Proposed platform at Kadalundi ..	2,605	1,639	4,244
68	..	..	Two lay-byes to be provided at trial stations	3,044	6,520	9,564
69	..	..	Lay-byes at Mullanur	615	1,910	2,525
70	..	..	Lay-bye, loading bank and goods godown at Patchur, Bangalore Branch	1,969	2,893	4,862
71	..	..	Loading bank and goods godown at Somanur	1,268	223	1,491
72	..	..	Goods godown at Madukarai	961	240	1,201
73	..	..	Extension of goods shed at Kolar road ..	2,485	2,181	4,666
74	..	..	Enlargement of goods shed at Tirupur ..	2,057	2,064	4,121
75	..	..	Enlargement of goods shed at Tadpatri.	2,601	2,681	5,282
76	..	..	Engine turn-table and siding at Kolar road	2,410	7,043	9,453
77	..	..	Workshop alongside the engine shed at Rénigunta	507	884	1,391
78	..	..	Extension of trimming shop in carriage shop at Perambúr works	78	1,158	1,236
79	..	..	Six sheds for carriage and wagon repairing and lifting at Perambúr works ..	11,082	46,212	57,294
80	..	..	Lengthening of engine shed to accommodate eight engines at Rénigunta ..	5,628	9,004	14,632
81	..	..	Watering arrangements at Bangalore ..	4,102	4,332	8,434
82	..	..	Watering arrangements at Salem ..	3,769	22,457	26,226
83	..	..	Watering arrangements at Mullanur ..	338	1,628	1,966
84	..	..	Alteration to Perambúr level crossing ..	9,557	2,848	12,405
85	..	..	School-room at Cuddapah	3,378	4,118	7,496

Railway for the official year 1890-91—*cont.*

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure for official year 1890-91. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of items.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
						2,367	2,678	5,045	..	39
..	..	..	..	..	..	1,730	758	2,488	..	40
..	..	..	..	..	..	1,722	758	2,480	..	41
..	..	..	..	..	..	1,143	370	1,513	..	42
..	..	..	..	..	..	75,000	75,000	1,50,000	..	43
..	..	..	..	..	..	1,076	193	1,269	..	44
..	..	..	..	..	..	2,000	3,000	5,000	..	45
..	..	..	..	..	..	306	755	1,061	..	46
..	..	..	..	..	..	306	755	1,061	..	47
..	..	..	..	..	..	1,200	90	1,290	..	48
..	..	..	..	..	..	8,672	14,608	23,280	..	49
..	..	..	..	..	..	405	1,748	2,153	..	50
..	..	..	..	..	..	560	1,813	2,373	..	51
..	..	..	..	..	..	490	1,391	1,881	..	52
..	..	..	..	..	..	226	861	1,087	..	53
..	..	..	..	..	..	416	1,643	2,059	..	54
..	..	..	..	..	..	807	1,930	2,737	..	55
..	..	..	..	..	..	489	1,633	2,122	..	56
..	..	..	..	..	..	6,119	13,319	19,438	..	57
..	..	..	..	..	..	509	396	905	..	58
..	..	..	..	..	..	6,694	60,740	67,434	..	59
..	..	..	..	..	..	1,043	5,841	6,884	..	60
..	..	..	..	..	..	4,213	4,307	8,520	..	61
..	..	..	..	..	..	835	508	1,343	..	62
..	..	..	..	..	..	797	778	1,575	..	63
..	..	..	..	..	..	670	519	1,189	..	64
..	..	..	..	..	..	1,425	1,606	3,031	..	65
..	..	..	..	..	..	9,088	5,990	15,078	..	66
..	..	..	..	..	..	2,605	1,639	4,244	..	67
..	..	..	..	..	..	3,044	6,520	9,564	..	68
..	..	..	..	..	..	615	1,910	2,525	..	69
..	..	..	..	..	..	1,969	2,893	4,862	..	70
..	..	..	..	..	..	1,268	223	1,491	..	71
..	..	..	..	..	..	961	240	1,201	..	72
..	..	..	..	..	..	2,485	2,181	4,666	..	73
..	..	..	..	..	..	2,057	2,064	4,121	..	74
..	..	..	..	..	..	2,601	2,681	5,282	..	75
..	..	..	..	..	..	2,410	7,043	9,453	..	76
..	..	..	..	..	..	507	884	1,391	..	77
..	..	..	..	..	..	78	1,158	1,236	..	78
..	..	..	..	..	..	11,082	46,212	57,294	..	79
..	..	..	..	..	..	5,628	9,004	14,632	..	80
..	..	..	..	..	..	4,102	4,332	8,434	..	81
..	..	..	..	..	..	3,769	22,457	26,226	..	82
..	..	..	..	..	..	338	1,628	1,966	..	83
..	..	..	..	..	..	9,557	2,848	12,405	..	84
..	..	..	..	..	..	3,378	4,118	7,496	..	85

Budget Estimate of Unsanctioned Works of the Madras

Number of items.	Sanctions.		Particulars.	Amount of Estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			STATIONS AND BUILDINGS—*cont.*	RS.	RS.	RS.
86	..	..	Shed foundation, unloading platform, &c., required for the introduction of electric lights in trains	3,000	1,000	4,000
			ELECTRIC TELEGRAPH.			
87	..	..	Introduction of electric light in trains ..	3,000	12,000	15,000
			Total, Engineering Department ..	3,87,518	4,54,273	8,41,791
			CARRIAGE AND WAGON DEPARTMENT.			
1	..	..	One hundred iron covered goods wagons.	10,000	1,92,000	2,02,000
			Total, Schedule B ..	3,97,518	6,46,273	10,43,791

Railway for the official year 1890-91—*cont.*

Actual Expenditure up to close of official year 1888-89.			Probable Expenditure during 1889-90.			Budget Estimate of Expenditure for official year 1890-91.			Estimated expenditure in future years.	Number of items.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	..	..	..	..	..	3,000	1,000	4,000	..	86
..	..	..	..	..	..	3,000	12,000	15,000	..	87
..	..	..	..	..	..	3,87,518	4,54,273	8,41,791	..	
..	..	..	..	..	..	10,000	1,92,000	2,02,000	..	1
..	..	..	..	..	..	3,97,518	6,46,273	10,43,791	..	
..	..	..	..	..	..					

SCHEDULE C, OR CONSTRUCTION WORKS—PART III.

BUDGET ESTIMATE of EXPENDITURE on CAPITAL ESTABLISHMENT of the MADRAS RAILWAY during the official year 1890-91.

—	—	Detail.	Actuals for 1888-89.	Budget Estimate for 1889-90.	Revised Estimate for 1889-90.	Budget Estimate for 1890-91.
....	....	Estimate of establishment ..	RS. 14,468	RS. 20,000	RS. 1,050	RS. ..

SCHEDULE D, OR CONSTRUCTION WORKS—PART IV.

BUDGET ESTIMATE of Emergent Works of the Madras Railway for the official year 1890-91.

—	PROBABLE EXPENDITURE DURING YEAR 1889-90.			BUDGET ESTIMATE OF EXPENDITURE FOR THE OFFICIAL YEAR 1890-91.		
	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.
Engineer's Department	RS. 20,000 ..	RS. 50,000 ..	RS. 70,000 ..	RS. 20,000 ..	RS. 50,000 ..	RS. 70,000 ..
Locomotive do.						

SCHEDULE E.

BUDGET ESTIMATE of EXPENDITURE for PURCHASE of STORES for the MADRAS RAILWAY during 1890-91.

Detail.	ACTUAL PURCHASE DURING 1888-89.		PROBABLE PURCHASES DURING 1889-90.		ESTIMATED PURCHASES DURING 1890-91.	
	Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
In India.		RS.		RS.		RS.
Firewood .. .. Tons.	99,150	5,22,509	94,100	5,00,000	94,100	5,00,000
Oil of sorts .. .. lb.	1,011,996	1,18,063	706,200	1,25,500	755,500	1,32,500
Cotton waste .. .. .. ,,	79,078	9,295	85,300	8,600	93,830	8,800
Timber of all kinds .. .. .. Tons.	2,205	2,48,109	2,442	2,61,000	2,324	2,82,000
Tallow, country .. .. .. lb.	21,143	4,492	4,400	1,000	4,840	1,100
Wooden sleepers .. .. .. No.	6,868	34,302	..	18,000	..	16,000
Do. keys .. .. .. ,,	151,665	5,299	..	10,500	..	12,000
Materials for tarpaulins	..	26,192	..	24,000	..	20,000
Manufacture of stores	..	1,12,272	..	1,10,000	..	1,10,000
Freight and landing charges	..	81,604	..	1,20,000	..	1,20,000
Pot sleepers cast in Perambur Workshops ..	..	..	..	5,000	..	12,000
Sundry stores	..	2,27,312	..	2,52,656	..	1,98,400
Total ..	..	13,89,449	..	14,35,656	..	14,12,800
In England.						
Coal, coke and patent fuel .. .. Tons.	8,979	1,57,155	8,118	1,71,000	11,750	2,62,000
Cylinders .. .. No.	17	14,125	..	..	..	..
Brass and copper pipes, tubes, &c. .. Tons.	14	10,757	..	29,000	..	10,000
Iron and steel plates and bars .. ,,	324	32,699	..	34,000	..	25,000
Materials for renewals of rolling stock, chiefly iron works	..	30,624	..	35,000	..	90,000
New covered goods wagons (iron) .. No.	60	1,04,029	125	2,37,500	150	2,85,000
Tyres, engines and carriages .. .. Tons.	457	43,422	..	17,280	..	16,000
Iron open goods wagons for stone traffic. No.	..	..	50	65,000	..	..
Machinery	..	16,529	..	..	..	..
Axles, crank .. .. .. ,,	..	..	12	6,600	..	..
Axles, carriages	400	11,253	..	15,000	..	15,000
Wheels and axles, engines	..	..	3	8,320	..	..
Locomotive	..	..	..	..	8	1,94,080
Permanent-way materials .. .. Tons.	1,246	70,792	..	2,63,000	..	2,20,000
Girders and iron cylinders .. .. ,,	2,256	2,59,256	..	1,28,000	..	4,50,000
Telegraph stores	..	6,852	..	15,000	..	29,000
Materials for tarpaulins	..	30,624	..	6,000	..	6,000
Sundry stores	..	1,89,873	..	2,96,600	..	2,98,100
Total ..	..	9,78,010	..	13,27,300	..	19,00,180
Total, Schedule E ..	..	23,67,459	..	27,62,956	..	33,12,980

MEMORANDUM.

	RS.
Actual balance of stores in hand, 1st April 1889	23,27,466
Estimated purchases during 1889-90 as above	27,62,956
Total ...	50,90,422
Estimated issues during 1889-90	24,29,422
Estimated balances on 1st April 1890	26,61,000
Estimated purchases during 1890-91	33,12,980
Total ..	59,73,980
Estimated issues during 1890-91	36,05,180
Estimated balance on 1st April 1891	23,68,800

ENGLISH TRANSACTIONS.

	Budget Estimate, 1890-91. RS.
Indents to be sent Home during year	10,84,100
Add for indents of previous year expected to be complied within official year	11,93,580
Add English establishment charges	1,75,000
Total ...	24,52,680
Deduct amount of orders not expected to be complied with until next year	3,77,500
Net Capital cash transactions in England	20,75,180

SCHEDULE F.

ESTIMATE OF TRAFFIC RECEIPTS OF THE MADRAS RAILWAY, 1890-91.

Number of miles open for traffic on 1st April 1889	840
Expected to be opened during 1889-90	...
Total on 1st April 1890	840
Expected to be opened during 1890-91	840
Total likely to be opened at end of 1890-91	...
Average number of miles expected to be opened during the whole of 1890-91	840

—	Actuals in 1888-89.	Sanctioned Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	RS.	RS.	RS.	RS.
Coaching traffic	36,35,901	36,00,000	38,30,000	38,80,000
Goods do.	46,79,107	47,20,000	51,00,000	49,00,000
Electric telegraph	18,048	20,000	20,000	20,000
Sundries	2,05,748	1,60,000	2,00,000	2,00,000
Total ...	85,38,804	85,00,000	91,50,000	90,00,000
Train mileage	2,365,885	2,371,000	2,369,000	2,370,000

Schedule G.

Estimate of Revenue Expenditure on the Madras Railway for the official year 1890-91.

—	Actuals in 1888-89.	Sanctioned Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
Maintenance of Way, Works, and Stations.	Rs.	Rs.	Rs.	Rs.
1. General superintendence	2,52,676	2,50,000	2,70,000	2,40,000
2. Maintenance and renewal of permanent-way	5,58,565	5,45,000	5,60,000	5,70,000
3. Repairs of bridges, &c., wages and materials.	2,70,144	3,45,000	2,30,000	2,80,000
4. Repairs of stations and buildings do. ...	1,08,219	2,00,000	1,30,000	1,10,000
5. Maintenance by contract	...	...	...	...
6. New minor works	20,571	20,000	20,000	20,000
7. Unclassified expenditure	1,77,527	1,40,000	1,80,000	1,90,000
Total ...	13,87,702	15,00,000	13,90,000	14,10,000
Deduct value of stores returned to stock ...	4,648	...	...	...
Total ...	13,83,054	15,00,000	13,90,000	14,10,000
Locomotive Expenses.				
1. General superintendence	1,02,047	1,20,000	1,02,000	1,10,000
2. Running expenses (wages connected with the working of locomotive engines) ...	3,15,142	3,10,000	3,20,000	3,30,000
3. Fuel	5,59,500	5,55,000	6,40,000	6,50,000
4. Water (including wages and stores) ...	20,834	24,000	22,000	24,000
5. Oil, tallow and other stores (expended on engines in work)	32,970	36,000	34,000	36,000
6. Maintenance and renewals of locomotive engines and machinery	4,65,120	4,50,000	4,98,000	7,03,000
7. New minor works	1,491	2,500	2,500	2,500
8. Payments to other lines	...	...	...	...
9. Unclassified expenditure	1,20,540	1,42,500	1,40,000	1,80,000
Total ...	16,17,644	16,40,000	17,58,500	20,35,500
Carriage and Wagon Expenses.				
1. General superintendence	43,462	40,000	46,000	50,000
2. Repairs and renewals of vehicles and machinery	4,85,852	5,00,000	5,00,000	5,00,000
3. Cleaning carriages and wagons and oiling ...	52,987	60,000	56,000	55,500
4. New minor works	503	2,500	2,500	2,500
5. Unclassified expenditure	51,036	67,500	50,000	52,000
Total ...	6,33,840	6,70,000	6,54,500	6,60,000
Deduct sum chargeable to Fire Insurance Fund	3,945	...	...	...
Total ...	6,29,895	6,70,000	6,54,500	6,60,000

Estimate of Revenue Expenditure on the Madras Railway for the official year 1890-91—*cont.*

—	Actuals in 1888-89.	Sanctioned Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
Traffic Expenses.	Rs.	Rs.	Rs.	Rs.
1. Salaries, wages, &c.	5,82,938	5,55,000	5,84,000	5,85,000
2. Fuel, lighting, water and general stores ...	1,13,484	1,12,000	1,12,000	1,12,000
3. Clothing	13,584	8,500	10,000	9,000
4. Printing, stationery and tickets	67,363	60,000	64,500	65,000
5. Charges for delivery and collection of goods, &c.	1,891	1,500	1,500	1,000
6. Miscellaneous expenses	6,438	6,000	6,000	6,000
7. Payments to other lines	...	...	...	...
8. Unclassified expenditure	21,386	22,000	22,000	22,000
Total ...	8,07,084	7,65,000	8,00,000	8,00,000
Deduct sum chargeable to Fire Insurance Fund	560	...	...	...
Total ...	8,06,524	7,65,000	8,00,000	8,00,000
General Charges.				
1. Home expenditure	68,699	70,000	68,000	68,000
2. Salaries of Indian management including offices	2,50,427	2,45,000	2,55,000	2,60,000
3. Police	43,867	40,000	45,000	46,000
4. Advertising (all advertisements of all departments)	4,583	3,000	5,000	6,000
5. Electric telegraph	1,04,549	1,10,000	1,27,600	1,36,500
6. Clearing accounts with other lines ...	...	...	...	...
7. Unclassified expenditure	33,569	12,000	35,000	37,000
Total ...	5,05,694	4,80,000	5,35,600	5,53,500
Deduct sum chargeable to Fire Insurance Fund	4,454	...	8,000	8,000
Total ...	5,01,240	4,80,000	5,27,600	5,45,500
Special and Miscellaneous Expenditure.				
1. Law charges	7,728	6,000	10,000	5,000
2. Compensation	16,806	6,000	20,000	10,000
3. Rates and taxes (including municipal water rates)	13,005	15,000	15,000	15,000
4. Payments to other lines	3,392	6,000	5,000	2,000
5. Contribution to	...	...	...	...
6. Bridge toll collection establishment, &c. ...	...	...	...	...
7. Prizes for station gardens, &c.	436	2,000	2,000	2,000
8. Miscellaneous expenditure	14,997	10,000	17,400	15,000
Total ...	56,364	45,000	69,400	49,000
Deduct sum chargeable to Fire Insurance Fund	7,958	...	...	...
Total ...	48,406	45,000	69,400	49,000

(Signed) J. CRAMP,
Chief Auditor.

(Signed) F. H. TREVITHICK,
Ag. Agent and Manager.

(Signed) F. MORRISON,
Examiner of Railway Accounts, Madras.

Madras,
19th December 1889.

NOTE on the Administrative Budget Estimates of the Madras Railway for 1889-90 and 1890-91.

CAPITAL.

Revised Estimate, 1889-90.—This compares as follows with the sanctioned budget:—

	Sanctioned Budget.	Revised Estimate.
	RS.	RS.
Expenditure	20,00,000	20,00,000
Receipts	22,00,000	22,25,000
Net Receipts ...	2,00,000	2,25,000

2. The cash outlay on the engineering works is estimated at Rs. 5,21,035 or Rs. 2,28,965 less than the budget provision, which is mainly due to decreased expenditure under bridges and station buildings. Item 74, schedule A, Engineering Department, "Stations and buildings" ought not to have been entered in the budget. The outlay Rs. 5,712 is debitable to the Villupuram-Guntakal construction estimate and will be met from that source. A provision of Rs. 20,000 has been made for emergent works, no such provision having been made in the budget.

3. A small increased expenditure under "Carriage and Wagon Department" has been provided for.

4. *Budget Estimate, 1890-91.*—The total cash outlay is estimated at Rs. 21,43,739. That on engineering works being estimated at Rs. 6,84,389 and that on stores at Rs. 14,12,800.

5. The principal sanctioned engineering works (schedule A) are:—

	RS.
The new bridge over the Chitrávati river	77,825
The new bridge over the Pápaghni river	1,50,000
The extension of the block system and the introduction of starting semaphore signals	16,920

These works alone account for Rs. 2,44,745 out of the Rs. 2,76,871.

6. Provision to the extent of Rs. 3,87,518 has been entered under schedule B. The following remarks are offered on the works entered in this schedule:—

Items Nos. 1 *to* 3—Are required for the safety of the line.

Item No. 4—Is required to meet the increased wheel weight of engines, for which the girders originally designed were inadequate.

Items Nos. 5, 6, *&c., to* 30—Represent expenditure that would, much of it, have been incurred years ago but for the question raised in respect of C class land. The expenditure is in pursuance of the policy that all the Company's staff should be entirely housed on the Company's premises mainly.

Item No. 31—Is mainly to meet the progressive development of third-class traffic and trade generally.

Item No. 32—Is to facilitate the working of trains under the block system and to increase the capacity of the line.

Item No. 33—Is necessitated by the completion of the new bridge over the Pennér.

Item No. 34—Is to meet the dangerous over-crowding of the cantonment station platform and to enable a time-table to be introduced that will meet the new conditions imposed by the opening of the Southern Mahratta Railway from Poona to Bangalore.

Item No. 35—Is necessitated by the opening of the Southern Mahratta Railway from Poona to Bangalore.

Items Nos. 36 *to* 42 *and* 44—Are to meet increased traffic and principally replace temporary structures where traffic has been found to justify the outlay.

Item No. 43—Is necessitated by the construction of the Villupuram-Guntakal extension.

Item No. 45—Is to meet the demands of the public.

Items Nos. 46 *and* 47—Are for the protection of the buildings.

Item No. 48—Is to meet defective designs when the station was first built.

Items Nos. 49 *to* 56—Are to increase the capacity of the line and facilitate traffic under the block system.

Items Nos. 57 *and* 58—Are to meet the increase in the number of derailments at this yard, which requires remodelling to obviate the risk that has arisen out of increased traffic.

Items Nos. 59 to 61—Are to meet the requirements of a junction with the Southern Mahratta Railway.

Item No. 60—Is to facilitate traffic with the Pálghat branch.

Items Nos. 62 *to* 76—Are to meet additional traffic.

Items Nos. 77 *to* 80—Are to meet locomotive requirements.

Items Nos. 81 *to* 83—Are to meet failing water-supply.

Item No. 84—Is to facilitate traffic at the Perambúr station and obviate the inconvenience to the public for trains standing across the road during their stay at the station.

Item No. 85—It is found that the distance between the town of Cuddapah and the station is too great for the school children of employés to avail themselves of the schools in the town.

Items Nos. 86 *and* 87—Are to enable Mr. Winter to push his investigations and experiments in electric lighting of trains.

7. A provision has been made for emergent works amounting to Rs. 20,000.

8. *Stores.*—The increased provision made in the revised estimate, 1889-90, amounting to Rs. 2,43,156, is due to additional requirements under nearly all items. The provision for stores in the budget for 1890-91 is less by Rs. 22,856 than that for the current year.

9. The figures recommended are thus summarised:—

	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	RS.	RS.
Engineering.		
Sanctioned works	5,01,035	2,76,871
Unsanctioned works	...	3,87,518
Emergent works	20,000	20,000
Carriage and Wagon.		
Sanctioned works	37,259	31,550
Unsanctioned works	...	10,000
General.		
Establishment	1,050	...
Stores	14,35,656	14,12,800
Miscellaneous	5,000	5,000
Total, Withdrawals ...	20,00,000	21,43,739
Total, Payments ...	22,25,000	23,00,000
Net cash demand in India ...	2,25,000	1,56,261

10. *English transactions.*—The revised estimate of expenditure during the current official year amounts to Rs. 15,02,300 against a sanction of Rs. 11,24,000, the outlay on stores having been under-estimated. The total expenditure in England in 1890-91 is estimated at Rs. 20,75,180.

11. *Revenue transactions.*—The figures submitted by the Railway authorities are recommended for adoption. The administrative receipts for 1890-91 are estimated at Rs. 90,00,000, the withdrawal at Rs. 55,00,000, and the net savings at Rs. 35,00,000. The net earnings in the current official year are likely to exceed those in the budget estimate by Rs. 5,50,000. The suspense receipts and withdrawals will exceed the budget figures by Rs. 25,000 only.

(Signed) SIDNEY SMITH, Major, R.E.,
for Consulting Engineer for Railways.

Submitted to Government for transmission to the Government of India.

Order—dated 10th January 1890, No. 27 R., Public Works.

The Government approve of the revised estimate on Capital Account for 1889-90 and of the proposals to the budget estimate for 1890-91.

2. The approved figures stand thus :—

	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	Rs.	Rs.
Expenditure	20,00,000	21,43,739
Receipts	22,25,000	23,00,000
Net Receipts ...	2,25,000	1,56,261

Revenue.—The estimates submitted are accepted, the administrative figures being as follows :—

	Actuals, 1888-89.	Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	Rs.	Rs.	Rs.	Rs.
Receipts	85,38,804	85,00,000	91,50,000	90,00,000
Expenditure	49,86,763	51,00,000	52,00,000	55,00,000
Net Profits ..	35,52,041	34,00,000	39,50,000	35,00,000

3. The estimates will be forwarded to the Government of India.

(Here enter No. 28 R., dated 10th January 1890.)

(True Extract.)

(Signed) C. J. SMITH, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

Endorsement—dated 10th January 1890, No. 28 R., Public Works.

Forwarded.

(By Order.)

(Signed) C. J. SMITH, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

Telegram from the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, to the Secretary to the Government of India, Public Works Department, dated Madras, 25th February 1890.

Please wire sanction extra grant Rs. 75,000 Madras Railway Revenue withdrawals duly provided in revised budget necessary to authorise issue of credit for March.

Telegram from the Secretary to the Government of India, Public Works Department, to the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, dated 26th February 1890, No. 78 A.

Referring to your telegram of 25th instant, additional Revenue grant Rs. 75,000 Madras Railway sanctioned.

Telegram from the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, to the Secretary to the Government of India, Public Works Department, dated Madras, 27th February 1890.

Referring to your letter 129 A.R., dated 12th February, finally propose Madras Railway for the current official year Capital withdrawals twenty lakhs, Payments twenty-four quarter, Revenue administrative receipts ninety-one half lakhs, Suspense six, Financial ninety-seven half, Administrative expenditure fifty-four, Suspense six, Financial sixty, Capital outlay England fifteen.

Telegram from the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, to the Secretary to the Government of India, Public Works Department, dated Madras, 27th February 1890.

Finally propose Madras Railway for the next official year Capital withdrawals and payments as budgeted, Revenue administrative receipts ninety two, Suspense six, Financial ninety-eight, Administrative expenditure fifty-four, Supense six, Financial sixty, Capital outlay in England sixteen lakhs fifteen.

G.O., dated 28th February 1890, No. 311 R., Public Works.

From the Officiating Deputy Secretary to the Government of India, Public Works Department (Account—Railway), to the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, dated Calcutta, 12th February 1890, No. 129 A. R.

I am directed to acknowledge the receipts of your No. 28 R., dated 10th January 1890, 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 by the 1st March next, at latest, showing the figures which you would recommend finally for adoption under all heads of the Capital and Revenue estimates for the current financial year.

2. I am to request also that the causes which have contributed to the very satisfactory improvement in the earnings of the current year over the budget estimate may be reported, as the information is required for a review of the estimates which has to be prepared by this department.

3. As regards the estimates for next year I am to remark as follows :—

Outlay in England.—The estimate received from the India Office, based on information furnished by the Board, amounts to £ 148,000, which converted at the contract rate of exchange is equal to Rs. 16,15,000 in round figures, being Rs. 4,60,000 less than the local estimate. The Government of India proposes to adopt the India Office estimate, unless the Agent of the Company has good reason for believing that the provision is insufficient.

Administrative Earnings.—The estimate under this head is placed at Rs. 90,00,000 or Rs. 1,50,000 below the amount proposed as the revised estimate for the current year. The Government of India fails to see why the estimate for next year has been placed at so low a figure while the traffic has been improving steadily this year, and requests that a full explanation of the anticipated fall may be furnished.

Working Expenses.—The budget estimate of working expenses is submitted for Rs. 55 lakhs, or Rs. 3 lakhs in excess of the revised estimate for the current year. I am to request that the Government of India may be furnished with a note explanatory of the increase over the revised estimate and the figure * telegraphed on the 27th November 1889 in connection with the six months' estimate notwithstanding the reduction in the estimate of earnings.

* Rs. 53,00,000.

4. I am to request that the explanations asked for in paras. 2 and 3 of this letter may be submitted as soon as possible.

No. 883 C.

Referred to the Consulting Engineer for Railways for early report with advertence to his endorsement No. 17, dated 10th January 1890.

(Signed) C. J. SMITH, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

17th February 1890.

From the Consulting Engineer for Railways, dated Madras, 27th February 1890, No. 143.

From the Agent and Manager, Madras Railway Company, to the Consulting Engineer for Railways, dated Madras, 25th February 1890, No. 6628/222.

Budget Estimates, 1889-90 *and* 1890-91.

[Your letter No. 160, dated 18th February 1890.]

With reference to Government of India letter No. 129 A.R., dated 12th February 1890, I have the honor to submit copies of the marginally-noted documents relative to the figures recommended for final adoption in the budget estimates for the financial years of 1889-90 and 1890-91.

Chief Auditor's letter No. A 174, dated 22nd February 1890

Traffic Manager's letter No A 5544, dated 24th February 1890.

2. The only required alteration in the revised estimate for the current year is the transfer of Rs. 1,94,324-6-10. This is rendered necessary by the revised allocation of the expenditure on the Calicut Extension—*vide* G.O., No. 144 R., dated 24th January 1890—and to meet this it is proposed that two lakhs be added to the estimated Revenue expenditure and refunded to Capital.

3. The increase over budget estimate in the earnings for the current year are explained in detail by the Traffic Manager, and although Rs. 2,52,000 are attributable to an abnormal traffic in State Railway materials and in grain carried from Mysore to the South Indian districts where a scarcity of food was apprehended still a normal increase of Rs. 1,00,792 is credited to coaching traffic and of Rs. 2,84,000 to a larger cotton traffic, and to a general and satisfactory increase in the receipts for grain and other goods traffic.

4. The Chief Auditor is of opinion that the estimated expenditure in England as given by the India Office may be accepted until a revised estimate is prepared.

5. That officer also recommends that two lakhs be added to the estimate of administrative earnings, and in this recommendation I concur.

6. In the estimate of working expenses provision was made for eight new Locomotive engines, the residue being ordinary working expenses, but a total of 54 lakhs is now thought to be sufficient.

7. The revised figures as now proposed are given at pages 2 and 4 of the Chief Auditor's letter already referred to and noted in the margin.

ENCLOSURES.

From the Chief Auditor, Madras Railway Company, to the Agent and Manager, Madras Railway Company, dated Madras, 22nd February 1890, No. A 174.

[Consulting Engineer's letter No. 160, dated 18th instant.]

Budget Estimates, 1889-90 *and* 1890-91.

In para. 1 of the Government of India letter No. 129 A.R., dated 12th instant, the figures to be finally adopted for the Capital and Revenue estimates of the current financial year are called for.

2. The only change in the figures of the revised estimate for the current year that in my opinion is required will be to provide for the transfer from Capital to Revenue of the sum of Rs. 1,94,324-6-10 in accordance with the revised allocation of the expenditure on the Calicut Extension as sanctioned in G.O., No. 144 R., dated 24th January 1890. To cover this transfer I would propose that 2 lakhs be added to the estimated Revenue Expenditure Abstract A, thus raising the total provision for Revenue outlay to 54 lakhs and a corresponding refund of 2 lakhs to Capital. The figures for the current official year will then stand as under:—

	Revised Estimate, 1889-90.
	RS.
Capital.	
Withdrawals, India	20,00,000
Refunds, India	24,25,000
Net Cash demand	**4,25,000**
Withdrawals, England	15,02,300
Revenue.	
Earnings	91,50,000
Other receipts	6,50,000
Total Receipts	98,00,000
Expenditure including transfer on account of Calicut Extension	54,00,000
Other payments	6,50,000
Total, Payments	60,50,000
Net Earnings	37,50,000

3. Para. 2 of the Government of India letter has been sent to the Traffic Manager with a request to furnish the information called for direct to you.

4. In reply to para. 3 on the estimate for 1890-91, I beg to remark as follows:—

Outlay in England.—The estimate of this expenditure as furnished by the India Office has been adopted in previous budgets, and should, I think, be accepted for 1890-91. When the time arrives for preparing the revised budget for 1890-91 further provision if necessary can be made.

Administrative Earnings.—I am fully of opinion that the estimate here is too low and that it should be increased by 2 lakhs.

Working Expenses.—Provision has been made here for the cost of eight new Locomotive engines; otherwise only ordinary expenditure is provided for, and looking at the estimate of Revenue expenditure for the current year, I am of opinion that 54 lakhs will be a sufficient total, inclusive of the cost of the new engines.

5. The figures I would propose for the Capital and Revenue expenditure of 1890-91 stand as follows:—

	Budget Estimate, 1890-91.
	RS.
Capital.	
Withdrawals, India	21,43,739
Refunds, India	23,00,000
Net Cash demand	**1,56,261**
Withdrawals, England	16,15,000
Revenue.	
Earnings	92,00,000
Other receipts	6,50,000
Total Receipts	98,50,000
Expenditure including cost 8 engines	54,00,000
Other payments	6,50,000
Total, Payments	60,50,000
Net Earnings	38,00,000

From the Traffic Manager, Madras Railway Company, to the Chief Auditor, Madras Railway Company, dated Madras, 24th February 1890, No. A 5544.

Budget Estimate, 1889-90 *and* 1890-91.

[Your A 535 of 20th instant.]

The increase in the traffic from the 1st April 1889 to the 31st January 1890 over and above the figures shown for the corresponding months of the previous year amounts to Rs. 5,73,808.

2. Coaching traffic shows an increase of Rs. 1,00,792, goods traffic an increase of Rs. 5,36,051, and telegraph receipts an increase of Rs. 888, while sundries show a decrease of Rs. 63,923.

3. The increase in the coaching and telegraph receipts may be accepted as a normal increase due to the steady development of the third-class traffic and to additional public telegrams despatched by cotton and seed merchants.

4. Of the increased goods receipts Rs. 1,52,000 in round figures is attributable to State Railway stores and materials carried over our system from Madras to Rénigunta and Katpádi for the Villupuram-Dharmavaram Railway, Rs. 1,00,000 to grain traffic carried principally from stations in the Mysore Province to stations on the South Indian Railway where food scarcity was apprehended, and the balance of Rs. 2,84,000 may be set down to a larger tonnage of cotton carried and to a general and satisfactory increase in the grain traffic and in many of the minor commodities such as sugar, leather, tobacco and spices, &c.

5. Will you kindly furnish the Acting Agent and Manager with this information.

Office note to the Consulting Engineer for Railways, Madras, for reply to India's letter No. 129 A.R., dated 12th February 1890, regarding Madras Railway Revised Budget for 1889-90 and Budget Estimate for 1890-91.

The following are the final figures recommended for adoption :—

	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	RS.	RS.
Capital.		
Withdrawals	20,00,000	21,43,739
Payments	24,25,000	23,00,000
Revenue.		
Receipts—		
Administrative	91,50,000	92,00,000
Suspense	6,00,000	6,00,000
Financial ..	97,50,000	98,00,000
Expenditure—		
Administrative	54,00,000	54,00,000
Suspense	6,00,000	6,00,000
Financial ..	60,00,000	60,00,000
Total Capital outlay in England ..	15,00,000	16,15,000

CAPITAL, 1889-90.

Withdrawals.—From the latest statement of Capital requirements I arrive at Rs. 19,50,000. In discussing this with the Chief Auditor, that officer is of opinion that the provision in the revised budget submitted to Government, viz., 20 lakhs, should remain unaltered. The difference is trifling and may be recommended for adoption.

Payments.—Under this head I have estimated Rs. 23,75,000. The revised budget was prepared for Rs. 22,25,000. Since that was prepared it has been necessary to provide for a transfer of Rs. 1,94,324 or in round numbers 2 lakhs from Capital to Revenue expenditure on account of revised allocation of the Beypore-Calicut Extension—G.O., No. 144 R., dated 24th January 1890.

The Company desire to provide Rs. 24,25,000. This appears to me to be too high, but as the difference is trifling, Rs. 50,000 only, the Company's figure may perhaps be accepted.

Net receipts will then stand at Rs. 4,25,000 instead of Rs. 2,25,000 as in the revised budget.

CAPITAL, 1890-91.

	RS.
Withdrawals	21,43,739
Payments	23,00,000
Net Payments ..	1,56,261

These are the figures in the revised estimate sent forward. No change is suggested.

REVENUE.

Receipts, 1889-90.

Administrative.—These may be taken at Rs. 91,50,000, the same as the revised budget. No change is recommended.

Suspense.—This figure may be placed at 6 lakhs. The total financial receipts being Rs. 97,50,000 against the revised budget of Rs. 98,00,000, as the latter figure is, I think, rather too favorable an estimate.

1890-91.

Administrative.—The budget was prepared for only 90 lakhs. Viewed in the light of the increased traffic during the present year which is placed at 91½ lakhs, the estimate for 1890-91 may be taken at 92 lakhs. This estimate is not placed at a higher figure because it is understood there is certain to be a falling off in carriage of railway materials for foreign lines, and the figure now proposed anticipates the continuance of the general improvement noticed in 1889-90 with a small margin for still further development in general traffic.

Suspense.—This may be placed at 6 lakhs.

Total Financial.—Ninety-eight lakhs.

Expenditure, 1889-90.

Administrative.—The revised budget provided 52 lakhs. After a discussion with the Chief Auditor it is considered this figure should be raised to 54 lakhs, the difference being due to the 2 lakhs referred under Capital payments, that is, the debit to Revenue to this extent by credit to Capital on account of the re-allocation of the estimate for the Beypore-Calicut Extension, as this transfer is to be adjusted during the current year. This figure may therefore be approved.

Suspense.—This will be 6 lakhs.

Total Financial.—Sixty lakhs.

Revenue Expenditure, 1890-91.

Administrative.—This is placed by the Railway Company at 54 lakhs, the same as the figures now proposed for 1889-90, and for the present may be accepted. It appears a high estimate, but there will be heavy special Revenue expenditure owing to the reconstruction of the Pápaghni bridge, and provision is made for the cost of 8 engines being replaced during the year.

Suspense.—May be placed at 6 lakhs.

Total Financial.—Rupees 60 lakhs.

Capital Expenditure in England, 1889-90.

This may be placed at the figure in the revised estimate, viz., Rs. 15,00,000 in round numbers.

1890-91.

For the present it will be sufficient to accept the Board's estimate referred to in India's letter No. 129 A.R., dated 12th February 1890, viz., Rs. 16,15,000, instead of Rs. 20,75,000 provided in the budget estimate.

F. MORRISON,
Examiner, Railway Accounts, Madras.

MADRAS,
27th February 1890.

Submitted to Government with reference to No. 883 C., dated 17th February 1890 (herewith returned).

Order—dated 28th February 1890, No. 311 R, Public Works.

Ordered to be forwarded to the Government of India with reference to its letter No. 129 A. R., dated 12th February 1890, and in continuation of Public Works Department telegram, dated 27th February 1890.

(Here enter No. 312 R., dated 28th February 1890.)

(True Extract.)

(Signed) C. J. SMITH, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

Endorsement—dated 28th February 1890, No. 312 R., Public Works.

Forwarded.

(By Order.)

(Signed) C. J. SMITH, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

Read also the following paper:—

Resolution by the Government of India, Public Works Department (Account—Railway), dated Calcutta, 26th March 1890, No. $\frac{76}{B.O.}$ A—R.

MADRAS RAILWAY.

Revised Estimate for 1889-90, with Budget Estimate for 1890-91.

Read again—

Public Works Department Resolution No. $\frac{85}{B.O.}$ A—R., dated 30th March 1889.

Read also—

Letter No. 28, dated 10th January 1890, from the Government of Madras.
Letter No. 129 A—R., dated 12th February 1890, to the Government of Madras.
Telegram, dated 25th February 1890, from the Government of Madras.
" " 26th " " to the " "
Telegrams, " 27th " " from the " "
Letter No. 312 R., dated 28th February 1890, from " "

CAPITAL.

Revised Estimate, 1889-90.

Resolution—The revised estimate of Capital outlay during the current official year is proposed for Rs. 20,00,000, the amount passed in budget orders. Judging from the latest return of expenditure to hand, the Government of India considers that the outlay is not likely to exceed Rs. 19,50,000, and accepts the estimate for this amount.

2. The revised estimate of Capital receipts was at first submitted for Rs. 22,25,000, but was subsequently raised to Rs. 24,25,000, the increase being due to the adjustment of the share of expenditure on the Calicut Extension chargeable to Revenue. Considering the transactions recorded up to date, the Government of India accepts the estimate for Rs. 23,75,000.

3. The expenditure in England during the current year is placed at £147,600 or, in round figures, Rs. 16,10,000, being the amount of the revised estimate received from the India Office.

Budget Estimate, 1890-91.

4. The Government of Madras recommends that the budget estimate of Capital outlay during the ensuing official year be accepted for the following amounts:—

	RS.
Engineering Department—	
Sanctioned works	2,76,871
Unsanctioned works	3,87,518
Emergent works	20,000
Carriage and Wagon Department—	
Sanctioned works	31,550
Unsanctioned works	10,000
General—	
Stores	14,12,800
Miscellaneous	5,000
Total	21,43,739

5. The provision for sanctioned works in the Engineering Department is accepted, in round figures, for Rs. 2,77,000. As regards unsanctioned works, the Government of India is of opinion that a sum of Rs. 2,50,000 should suffice on this account. The provision of Rs. 20,000 for emergent works appears unnecessary in view of the provision of Rs. 2,50,000 for unsanctioned works. If more money is needed for additional works hereafter, an application for an additional grant will receive consideration.

6. The demand for sanctioned works in the Carriage and Wagon department is passed for Rs. 32,000; and the demand for unsanctioned works for Rs. 10,000.

7. The provision for miscellaneous is accepted for the amount recommended by the Government of Madras, viz., Rs. 5,000.

8. The Government of India considers that the provision for stores is excessive, and that it should be reduced to Rs. 13,76,000.

9. The estimate of Indian outlay, as modified above, will stand at Rs. 19,50,000.

10. The budget estimate of Capital receipts is accepted for the amount finally proposed, viz., Rs. 23,00,000.

11. The outlay in England during 1890-91 is placed at £178,000, or Rs. 19,42,000 in round figures, being the final estimate of payments received from the India Office.

12. The Capital estimates, as passed by the Government of India, will stand as under:—

—	Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
	RS.	RS.	RS.
Outlay in India	20,00,000	19,50,000	19,50,000
Refunds to Treasury	22,00,000	23,75,000	23,00,000
	2,00,000	4,25,000	3,50,000
Net Receipts in India	11,24,000	16,10,000	19,42,000
Outlay in England	9,24,000	11,85,000	15,92,000
Net Outlay			

13. The Capital account of the Company will probably stand as under:—

ACTUALS.	ESTIMATE.						Total estimated outlay to end of 1890-91.	Total estimated subscribed Capital to end of 1890-91.
	1888-89			1890-91.				
Capital withdrawn to end of 1888-89.	England.	India.	Total.	England.	India.	Total.		
RS. A. P.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
11,53,44,930 11 2	16,10,000	— 4,25,000	11,85,000	19,42,000	— 3,50,000	15,92,000	11,86,21,930	11,85,78,000

REVENUE.

Revised Estimate, 1889-90.

14. The final revised estimate of the administrative earnings is submitted for Rs. 91,50,000 against a budget estimate of Rs. 85,00,000. The increase is attributed to the steady development of the third-class passenger traffic, to increased receipts for haulage of railway material, and to heavy traffic in grain and cotton. Judging from the present state of traffic, the Government of India considers that the earnings during the current year will probably reach Rs. 92,00,000, and accepts the estimate for this sum.

15. The revised estimate of working expenses was at first submitted for Rs. 52 lakhs, but the estimate was subsequently increased to Rs. 54 lakhs. Judging

from the latest returns of expenditure, it does not appear probable that the total Revenue withdrawals will exceed Rs. 57,50,000, and as the suspense withdrawals are estimated at Rs. 6,00,000, the revised estimate of working expenses is passed for Rs. 51,50,000.

16. The estimates of suspense receipts and expenses are accepted by the Government of India for the amounts finally recommended in each case, viz., Rs. 6,00,000.

Budget Estimate, 1890-91.

17. The budget estimate of administrative earnings for 1890-91 was at first submitted for Rs. 90 lakhs, or Rs. 1,50,000 below the figures proposed as the revised estimate of the current year, but on a reference from the Government of India the estimate has been increased to Rs. 92 lakhs. Considering the growth of traffic on this line, the Government of India accepts the estimate for Rs. 92,50,000.

18. The budget estimate of working expenses as at first submitted amounted to Rs. 55 lakhs, or Rs. 3 lakhs in excess of the amount first proposed for the revised estimate of the current year. But on a reference from the Government of India the estimate was subsequently reduced to Rs. 54 lakhs. The estimate provides for the renewal of eight engines during the year, but it is doubtful if the engines will be received in time to be erected and placed on the line during the year. Judging from the transactions during the current year, which also include a special charge of about Rs. 2,00,000 in connection with the Calicut Extension, the Government of India considers that the estimate may be reduced to Rs. 51,50,000 and the estimate is accordingly passed for this reduced amount.

19. The estimates of suspense receipts and expenses are passed for Rs. 6,00,000 in each case, the amount adopted as the revised estimate of the current year.

20. The Revenue estimates, as passed by the Government of India, will stand as under:—

—	Budget Estimate, 1889-90.	Revised Estimate, 1889-90.	Budget Estimate, 1890-91.
Receipts—			
Administrative	Rs. 85,00,000	Rs. 92,00,000	Rs. 92,50,000
Suspense	6,25,000	6,00,000	6,00,000
Financial ..	91,25,000	98,00,000	98,50,000
Withdrawals—			
Administrative	51,00,000	51,50,000	51,50,000
Suspense	6,25,000	6,00,000	6,00,000
Financial ..	57,25,000	57,50,000	57,50,000
Net Receipts—			
Administrative	34,00,000	40,50,000	41,00,000
Suspense	..	..	..
Financial ..	34,00,000	40,50,000	41,00,000

21. The final issue of these estimates should be prepared and submitted so as to reach the Government of India not later than the 1st May 1890.

Order—Ordered that a copy of the above be forwarded to the Government of Madras, Public Works Department, for information and guidance, with the request that 35 * printed copies of the final issue of the estimates, as now passed, may be submitted in the usual course.

* 10 copies to Simla and the remainder to Calcutta.

(Signed) A. G. BEGBIE, Lt.-Col., R.E.,
for Secretary to the Govt. of India.

Order—dated 9th April 1890, No. $\frac{482}{B.}$ R., Public Works.

Communicated to the Consulting Engineer for Railways with reference to his endorsements Nos. 17 and 143, dated 10th January and 27th February 1890.

2. Attention is directed to para. 21 of the Resolution.

(True Extract).

(Signed) SIDNEY SMITH, Major, R.E.,
Under-Secy. to Govt., P.W.D.,
Railway Branch.

Read also the following paper :—

From the Consulting Engineer for Railways, dated Madras, 9th May 1890, No. 330.

Final Issue of Budget Estimate for 1890-91 of Madras Railway.

Submitted to Government for transmission to the Government of India, with reference to para. 21 of its Resolution No. $\frac{76}{B.O.}$ A—R., dated 26th March 1890, embodied in Proceedings of Government No. $\frac{482}{B.}$ R., dated 9th April 1890.

ORDER—dated 13th May 1890, No. 653 R., Public Works.

Ordered to be forwarded to the Government of India with reference to para. 21 of its Resolution No. $\frac{76}{B.O.}$ A—R., dated 26th March 1890.

(Here enter No. 654 R., dated 13th May 1890.)

(True Extract.)

(Signed) SIDNEY SMITH, Major, R.E.,
Under-Secy. to Govt., P.W.D.,
Railway Branch.

To the Consulting Engineer for Railways.
„ Examiner, Guaranteed Railway Accounts.

ENDORSEMENT—dated 13th May 1890, No. 654 R., Public Works.

Forwarded.

(By Order.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

Exd. J. Moses.
Spare Copies

RAILWAY.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated May, 13th.

Recd. *Encl.*

G.O., 13th May 1890, Nos. 653 R.
654 R.

MAY.

Madras Railway

Forwarding the final issue of the budget estimate of the — for 1890-91.

All communications should be addressed to the Secretary.

No. 347 A.R.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.
Railway.

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

Simla the 1st July, 1890.

F.B.
8/1190

Sir,

With reference to the final issues of Railway Budget Estimates which are now submitted to the Government of India with the complete proceedings of the Madras Government, I am directed to observe that nothing further is required by the Government of India than 35 printed copies of the final issues, the submission of the Proceedings containing the Preliminary Issue, connected correspondence, &c. may be discontinued if desired.

I have the honour to be,
Sir,
Your most obedient Servant.

R. Gillanders
Offg: Dy: Secy: to Govt of India.

PLC No. 64515

Fr. Bco 653-52 Rg 13-5-90

B. Sr. 1025 Rg 17th July/90.

Rd 8-7-90

Recorded.

17/7/90

11.7.90

B. Sr. 1025 Rg 17th July/90