

Public Works (1893) Department.

RAILWAY BRANCH.

G.O., No. 824-5R

DATED 6th May

[Despatch Abstract.]

Madras Railway. — The final issue of the Revised Estimate & Budget Estimate for 1892-93 & 1893-94 respectively of the — ordered to be forwarded to the Govt of India.

Forwarding 35 printed copies of the final issue of the Revised Estimate & Budget Estimate for 1892-93 1893-94 respectively of the —.

11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24
 25
 26
 27
 28
 29
 30
 31
 32
 33
 34
 35
 36
 37
 38
 39
 40
 41
 42
 43
 44
 45
 46
 47
 48
 49
 50
 51
 52
 53
 54
 55
 56
 57
 58
 59
 60
 61
 62
 63
 64
 65
 66
 67
 68
 69
 70
 71
 72
 73
 74
 75
 76
 77
 78
 79
 80
 81
 82
 83
 84
 85
 86
 87
 88
 89
 90
 91
 92
 93
 94
 95
 96
 97
 98
 99
 100
 101
 102
 103
 104
 105
 106
 107
 108
 109
 110
 111
 112
 113
 114
 115
 116
 117
 118
 119
 120
 121
 122
 123
 124
 125
 126
 127
 128
 129
 130
 131
 132
 133
 134
 135
 136
 137
 138
 139
 140
 141
 142
 143
 144
 145
 146
 147
 148
 149
 150
 151
 152
 153
 154
 155
 156
 157
 158
 159
 160
 161
 162
 163
 164
 165
 166
 167
 168
 169
 170
 171
 172
 173
 174
 175
 176
 177
 178
 179
 180
 181
 182
 183
 184
 185
 186
 187
 188
 189
 190
 191
 192
 193
 194
 195
 196
 197
 198
 199
 200
 201
 202
 203
 204
 205
 206
 207
 208
 209
 210
 211
 212
 213
 214
 215
 216
 217
 218
 219
 220
 221
 222
 223
 224
 225
 226
 227
 228
 229
 230
 231
 232
 233
 234
 235
 236
 237
 238
 239
 240
 241
 242
 243
 244
 245
 246
 247
 248
 249
 250
 251
 252
 253
 254
 255
 256
 257
 258
 259
 260
 261
 262
 263
 264
 265
 266
 267
 268
 269
 270
 271
 272
 273
 274
 275
 276
 277
 278
 279
 280
 281
 282
 283
 284
 285
 286
 287
 288
 289
 290
 291
 292
 293
 294
 295
 296
 297
 298
 299
 300
 301
 302
 303
 304
 305
 306
 307
 308
 309
 310
 311
 312
 313
 314
 315
 316
 317
 318
 319
 320
 321
 322
 323
 324
 325
 326
 327
 328
 329
 330
 331
 332
 333
 334
 335
 336
 337
 338
 339
 340
 341
 342
 343
 344
 345
 346
 347
 348
 349
 350
 351
 352
 353
 354
 355
 356
 357
 358
 359
 360
 361
 362
 363
 364
 365
 366
 367
 368
 369
 370
 371
 372
 373
 374
 375
 376
 377
 378
 379
 380
 381
 382
 383
 384
 385
 386
 387
 388
 389
 390
 391
 392
 393
 394
 395
 396
 397
 398
 399
 400
 401
 402
 403
 404
 405
 406
 407
 408
 409
 410
 411
 412
 413
 414
 415
 416
 417
 418
 419
 420
 421
 422
 423
 424
 425
 426
 427
 428
 429
 430
 431
 432
 433
 434
 435
 436
 437
 438
 439
 440
 441
 442
 443
 444
 445
 446
 447
 448
 449
 450
 451
 452
 453
 454
 455
 456
 457
 458
 459
 460
 461
 462
 463
 464
 465
 466
 467
 468
 469
 470
 471
 472
 473
 474
 475
 476
 477
 478
 479
 480
 481
 482
 483
 484
 485
 486
 487
 488
 489
 490
 491
 492
 493
 494
 495
 496
 497
 498
 499
 500
 501
 502
 503
 504
 505
 506
 507
 508
 509
 510
 511
 512
 513
 514
 515
 516
 517
 518
 519
 520
 521
 522
 523
 524
 525
 526
 527
 528
 529
 530
 531
 532
 533

[illegible]

FURTHER PAPERS.

[illegible]

FINAL ISSUE.

BUDGET ESTIMATE

OF THE

MADRAS RAILWAY

FOR THE YEAR

1893-94.

CAPITAL ACCOUNT.

ABSTRACT OF ESTIMATED CASH EXPENDITURE IN INDIA ON THE MADRAS RAILWAY for the official year 1893-94.

Particulars.	Actuals for 1891-92.	Budget estimate for 1892-93.	Revised estimate for 1892-93.	Budget estimate for 1893-94.
CAPITAL OUTLAY.				
<i>Engineering Department.</i>				
Sanctioned works as per schedule A ...		2,90,079	2,73,387	87,853
Works to be sanctioned do. B ...		4,22,512	...	2,78,677
<i>Locomotive Department.</i>				
Sanctioned works as per schedule A ...	4,67,047	...	...	5,800
Works to be sanctioned do. B ...	...	8,400	...	...
<i>Carriage and Wagon Department.</i>				
Sanctioned works as per schedule A ...	...	3,310	9,916	3,435
Works to be sanctioned do. B ...	...	11,700	...	4,422
<i>General.</i>				
Establishment chargeable to Capital as per general estimate of establishment D ...	15,50,553	15,58,999	13,61,697	15,14,813
Stores as per schedule E ...	4,020	5,000	5,000	5,000
Miscellaneous ...	...	...	...	...
Total ...	20,21,620	23,00,000	16,50,000	19,00,000
Add increase in balance of Capital Advance Account ...	58,497	...	...	...
Total Withdrawals on Capital Account ...	20,80,117	23,00,000	16,50,000	19,00,000
<i>Receipts to be credited to Capital Account.</i>				
Share capital paid in India ...	...	...	...	...
Refunds on account of stores sold to Revenue and others ...	20,00,731	18,00,000	19,00,000	20,00,000
Refunds of receipts from Revenue for work done ...	...	...	...	...
Other refunds—	...	...	...	...
Home expenditure, &c. ...	3,25,908	3,50,000	2,75,000	3,50,000
Total payments in treasury on Capital Account.	23,26,639	21,50,000	21,75,000	23,50,000
Net Cash Demand of the year on Capital Account.	2,46,522	1,50,000	5,25,000	4,50,000
ENGLAND.				
<i>Purchase of Stores.</i>				
Indents to be sent home during the year ...	...	13,34,400	5,80,000	10,90,123
Previous indents to be complied with ...	...	1,65,588	6,41,000	6,22,000
Total ...	...	14,99,988	12,21,000	17,12,123
Deduct for indents estimated to be complied with in the following year ...	...	5,36,988	6,22,000	3,47,123
Total Outlay for Stores ...	13,99,026	9,63,000	5,99,000	13,65,000
<i>Home Expenditure and Payments.</i>				
Home expenditure ...	1,25,622	70,000	70,000	70,000
Furlough and sick leave allowances ...	...	30,000	25,000	30,000
Family and sundry payments less receipts ...	...	50,000	35,000	40,000
Total Home Expenditure and Payments ...	1,25,622	1,50,000	1,30,000	1,40,000
Total, Cash Demand in England ...	15,24,648	11,13,000	7,29,000	15,05,000

REVENUE ACCOUNT.

ABSTRACT OF ESTIMATED REVENUE RECEIPTS AND EXPENDITURE OF THE MADRAS RAILWAY for the official year 1893-94.

Particulars.	Actuals for 1891-92.	Budget Estimate for 1892-93.	Revised Estimate for 1892-93.	Budget Estimate for 1893-94.
RECEIPTS AS PER SCHEDULE F.				
Coaching traffic ...	36,13,794	38,00,000	38,60,000	38,60,000
Goods do. ...	56,48,989	56,20,000	57,10,000	57,10,000
Electric Telegraph Earnings ...	20,129	20,000	20,000	20,000
Sundries ...	1,72,651	1,60,000	1,60,000	1,60,000
Total (1) ...	94,55,563	96,00,000	97,50,000	97,50,000
Receipts on account of traffic appertaining to other lines ...	8,54,042	8,00,000	8,50,000	9,00,000
Receipts from Capital Account other than traffic earnings ...	...	...	...	...
Receipts from foreign lines other than traffic earnings ...	...	...	...	...
Other abnormal receipts in detail or as per schedule attached ...	...	...	...	...
Total Payments into Treasury on Revenue Account (2) ...	1,03,09,605	1,04,00,000	1,06,00,000	1,06,50,000
EXPENDITURE AS PER SCHEDULE G.				
Maintenance of way, works and stations ...	13,42,605	13,25,000	15,10,000	14,50,000
Locomotive expenses ...	21,39,269	19,49,700	19,30,000	19,50,000
Carriage and wagon expenses ...	4,83,052	6,37,500	4,85,000	5,00,000
Traffic expenses ...	8,63,057	8,40,000	8,40,000	8,40,000
General charges ...	5,54,144	5,97,800	5,34,000	5,52,000
Special and miscellaneous expenditure ...	1,07,288	50,000	1,01,000	1,08,000
Total (3) ...	54,89,415	54,00,000	54,00,000	54,00,000
Payments to other lines for their proportion of through traffic, &c. ...	8,41,078	8,00,000	8,50,000	9,00,000
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) ...	63,30,493	62,00,000	62,50,000	63,00,000
Net earnings (1) — (3) ...	39,66,148	42,00,000	43,50,000	43,50,000
Net receipts (2) — (4) ...	39,79,112	42,00,000	43,50,000	43,50,000
Surplus profits ...	...	...	...	...

SCHEDULE A OR CONSTRUCTION
BUDGET ESTIMATE OF SANCTIONED WORKS of the

Number of items.	SANCTIONS.		Particulars.	AMOUNT OF ESTIMATE.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT.	RS.	RS.	RS.
			<i>Bridge Work.</i>			
1	G.O., No. 773 R.	18th Oct. 1886.	New bridge over the Pápaghni river ..	4,21,290	5,65,852	9,87,142
2	G.O., No. 932 R.	13th Dec. "	Strengthening existing girders and fixing new girders, &c., Cheyár bridge ..	25,761	79,264	1,05,025
3	G.O., No. 2601.	4th Nov. 1892.	Strengthening the weak girders of the Booga bridge in the 163rd mile, North-west line ..	7,083	18,574	25,657
3a	G.O., No. 14 R.	9th Jan. 1893.	Substituting stronger girders and new type of permanent-way for those at present on the Thootha bridge, South-west line.	5,686	45,614	51,300
			STATIONS AND BUILDINGS.			
			<i>Perambúr.</i>			
4	M.O.M.	24th Feb. "	Alteration to level-crossing at Perambúr ..	17,121	1,342	18,463
5	G.O., No. 1337 R.	26th May 1892.	Alterations and additions to Perambúr station ..	8,615	1,989	10,604
			<i>Perambur Works.</i>			
6	G.O., No. 2153 R.	18th Sept. "	Bungalow for Assistant Locomotive Superintendent at Perambúr Works ..	6,842	4,164	11,006
7	G.O., No. 2939 R.	5th Dec. "	Four sheds at west end of Perambúr Works ..	4,094	7,271	11,365
			<i>Connur.</i>			
8	G.O., No. 2068 R.	25th Aug. 1892.	Relief siding at Connur ..	2,872	3,693	6,565
			<i>Manur.</i>			
8a	G.O., No. 133 R.	20th Jan. 1893.	Platform at Manur ..	3,731	1,335	5,066
			<i>Arkonam.</i>			
9	M.O.M.	30th "	Alterations of siding, &c., at Arkonam ..	13,840	6,179	20,019
10	G.O., No. 1643 R.	17th July 1891.	Assistant Traffic Manager's bungalow at Arkonam ..	6,119	1,690	7,799
			<i>Kátpádi.</i>			
11	M.O.M.	30th June "	Junction arrangements at Kátpádi ..	80,178	50,420	1,30,598
12	Do.	25th Aug. "	Watering arrangements at Kátpádi ..	7,342	3,453	10,795
13	Do.	28th Oct. "	Double bungalow for engine-drivers at Kátpádi ..	3,940	1,270	5,210
			<i>Bangalore City.</i>			
14	G.O., No. 2821 R.	23rd Nov. "	Extension of goods-shed and loading bank at Bangalore City ..	4,327	6,099	10,426
15	C.E. No. 1055.	2nd Dec. "	Houses for the traffic subordinates (Sandalkote buildings) at Bangalore City ..	11,692	775	12,467
			<i>Gudupalli.</i>			
16	G.O., No. 1841 R.	10th Aug. 1891.	Platform and through siding for crossing station at Gudupalli ..	3,800	6,500	10,300
			<i>Mullanur.</i>			
17	G.O., No. 1495 R.	30th June "	Two additional lay-bye at Mullanur ..	3,194	5,347	8,541
			<i>Jalárpét.</i>			
18	G.O., No. 2374 R.	6th Oct. 1892.	Watering arrangements at Jalárpét ..	1,505	8,161	9,666
19	G.O., No. 2991 R.	12th Dec. "	Third line goods-shed lay-bye, goods godown and loading bank at Jalárpét.	7,151	7,696	14,847
			<i>Kallari.</i>			
20	G.O., No. 1191 R.	7th May "	Through siding at Kallari ..	2,762	5,362	8,124
	M.O.M.	24th Feb. 1893.				

WORKS—PART I.

MADRAS RAILWAY for the official year 1893-94.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
1,81,054	5,84,026	7,65,080	42,016	29,910	71,926	..	..	..	..	1
..	..	..	5,761	9,264	15,025	20,000	70,000	90,000	..	2
..	..	..	2,000	8,000	10,000	5,083	10,574	15,657	..	3
..	..	..	..	..	..	5,586	45,614	51,300	..	3a
12	84	96	17,105	1,258	18,363	..	..	..	..	4
8,292	1,985	10,277	48	..	48	..	..	..	..	5
..	1,264	1,264	1,800	2,600	4,400	5,042	300	5,342	..	6
2,641	6,590	9,231	1,453	680	2,133	..	..	..	..	7
..	..	..	2,300	2,693	4,993	572	1,000	1,572	..	8
..	..	..	3,548	1,200	4,748	183	135	318	..	8a
8,935	978	9,913	4,905	5,201	10,106	..	..	..	..	9
872	665	1,537	5,247	1,015	6,262	..	..	..	..	10
74,658	50,737	1,25,395	5,081	..	5,081	..	..	..	..	11
324	1,441	1,765	7,018	2,012	9,030	..	..	..	..	12
3,908	1,269	5,177	6	..	6	..	..	..	..	13
1,803	5,971	7,774	2,524	128	2,652	..	..	..	..	14
..	..	..	11,000	600	11,600	692	175	867	..	15
3,765	4,124	7,889	35	1,482	1,517	..	..	..	..	16
1,105	3,974	5,079	921	990	1,911	..	..	..	..	17
..	..	..	1,200	6,000	7,200	305	2,161	2,466	..	18
..	..	..	..	..	..	7,151	7,696	14,847	..	19
..	..	..	2,289	5,835	8,124	..	..	..	..	20

Budget Estimate of Sanctioned Works of the

Budget Estimate of Sanctioned Works of the						
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.
21	M.O.M.	26th Feb. 1892.	Salem.			
22	Do.	25th Aug. "	Watering arrangements at Salem ..	2,619	22,113	24,732
	Do.	28th July "	Extension of goods-shed, &c., at Salem.	2,645	4,556	7,202
			Singánallur.			
23	G.O., No. 1169 R.	11th Aug. 1890.	Station-house, &c., at Singánallár ..	5,491	5,461	10,952
	M.O.M.	25th " 1892.				
24	G.O., No. 2283 R.	14th Oct. 1891.	Podanur.			
25	G.O., No. 2165 R.	7th Sept. 1892.	Alteration and additions of sidings ..	4,804	5,183	9,987
26	G.O., No. 652 R.	11th Mar. "	Alteration and addition of sidings at Podanur ..	755	4,764	5,519
			Travellers' bungalow with out-houses and land at Podanur ..	6,001	..	6,001
			Mettupálaiyam.			
27	G.O., No. 2675 R.	11th Nov. "	Alterations and additions in connection with the junction of the Nilgiri Railway with the Madras Railway at Mettupálaiyam ..	14,972	7,791	22,763
	C.E. No. 1062..	6th Dec. "				
			Olavakod.			
28	M.O.M.	30th Jan. 1893.	Sidings, &c., at Olavakod ..	4,469	6,002	10,471
	C.E., No. 735 ..	14th Aug. 1891.				
	G.O., No. 1791 R.	6th " "				
			Palghat.			
29	C.E. No. 1002..	5th Nov. 1890.	Timber loading bank and siding at Palghat ..	2,737	3,279	6,016
			Ferók.			
30	G.O. No. 1901 R.	6th Aug. 1892.	Third line and godowns at Ferók ..	3,905	4,394	8,299
			Coimbatore.			
30A	G.O. No. 500 R.	8th March 1893.	Extension of goods-shed, &c., at Coimbatore ..	4,273	865	5,138
31	G.O., No. 1792 R.	6th Aug. 1891.	Rénigunta.			
			Extension of engine-shed at Réningunta..	6,633	8,701	15,334
			Krishnapuram.			
32	G.O., No. 1191 R.	7th May 1892.	Through siding at Krishnapuram ..	5,867	6,353	11,720
			Gooty.			
33	M.O.M.	28th July 1892.	Double bungalow for family guards at Gooty ..	4,332	965	5,297
34	M.O.M.	28th " "	Double bungalow for engine-drivers at Gooty ..	5,293	1,291	6,574
35	M.O.M.	25th Aug. "	Guntakal.			
			Loading bank and goods godown at Guntakal ..	5,334	710	6,044
36	G.O., No. 918 R.	8th April "	Raichur.			
			Transhipping shed at Raichur ..	8,457	10,851	19,288
			Miscellaneous.			
37	G.O., No. 2073 R.	9th Sept. 1891.	Distant signals, South-west and North-west lines ..	9,747	36,993	46,740
38	G.O., No. 1900 R.	6th Aug. 1892.	Buildings consequent on the introduction of block system between Arkónam and Madras ..	8,295	10,438	18,723
39	G.O., No. 798 R.	25th July 1893.	Electric Telegraph.			
			Revised estimate for the extension of the block system and the introduction of starting Semaphore signals, &c., South-west and North-west lines including additional stations ..	64,943	1,01,818	1,66,761
40	G.O., No. 111 R.	1st Feb. "	Single needle instruments, batteries, &c., for trial or additional stations ..	4,122	2,688	7,710

Madras Railway for the official year 1893-94—cont.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
2,268	21,922	24,190	231	191	422	..	..	..	..	21
2,510	4,556	7,066	104	..	104	..	..	..	..	22
5,202	5,457	10,659	293	..	293	..	..	..	..	23
1,577	761	2,338	3,691	4,077	7,768	..	..	..	..	24
..	..	..	600	4,000	4,600	155	764	919	..	25
..	..	..	6,001	..	6,001	..	..	..	..	26
..	..	..	..	..	..	14,972	7,791	22,763	..	27
101	130	231	3,862	6,378	10,240	..	..	..	..	28
1,477	1,592	3,069	1,260	1,687	2,947	..	..	..	..	29
..	..	..	3,500	4,000	7,500	405	394	799	..	30
..	..	..	4,268	837	5,103	7	28	35	..	30A
2,456	7,998	10,454	4,177	703	4,880	..	..	..	..	31
..	..	..	6,367	6,353	11,720	..	..	..	..	32
3,946	755	4,701	386	210	596	..	..	..	..	33
4,194	1,105	5,299	1,089	186	1,275	..	..	..	..	34
4,683	710	5,393	655	1	651	..	..	..	..	35
..	..	..	21,924	3,000	24,924	1,500	102	1,602	..	36
538	7,929	8,467	9,209	29,064	38,273	..	..	..	..	37
6,408	9,672	16,080	989	415	1,404	..	..	..	..	38
54,322	90,611	1,45,003	5,687	6,081	11,768	4,864	5,126	9,990	..	39
629	1,265	1,894	908	444	1,352	2,585	1,879	4,464	..	40

Budget Estimate of Minor Works of the

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.
			<i>Electric Telegraph—cont.</i>			
41	G.O., No. 2286 R.	14th Oct. 1891.	Introduction of block system between			
			Madras and Arkonam	2,873	2,392	5,265
			Sanctioned Minor Works as per Schedule C	1,02,670	1,02,369	2,05,039
			Total, Engineering Department ..	9,29,661	11,82,897	21,12,558
			LOCOMOTIVE DEPARTMENT.			
1 {	G.O., No. 2057 R.	23rd Aug. 1892.	} Eight engines and tenders	5,800	2,83,960	2,39,760
	C.E. No. 784 ..	10th Sept. "				
			CARRIAGE AND WAGON DEPARTMENT.			
1 {	G.O., No. 2429 R.	12th Oct. 1892.	} One composite carriage	2,211	4,642	6,853
	M.O.M., No. 4.	26th April "				
2	G.O., No. 2218 R.	13th Sept. "	Six brake-vans	3,720	17,280	21,000
3	G.O., No. 1334 R.	26th May "	Six covered goods wagons proportion chargeable to Capital	687	6,727	7,414
4	G.O., No. 1748 R.	14th July "	Four tank wagons for carrying kerosine oil	1,640	6,560	8,200
			<i>Furnishing additional screw couplings to vehicles.</i>			
5	G.O., No. 1515 R.	17th Oct. 1890.	Three thousand two hundred and thirty screw couplings	15,376	23,384	38,760
6	G.O., No. 1515 R.	17th " "	One thousand two hundred centre chains.	1,050	6,900	7,950
			Sanctioned Minor Works as per Schedule C	125	4,543	4,668
			Total, Carriage and Wagon Department ..	24,809	70,036	94,845
			Total, Schedule A. ..	9,60,270	14,86,893	24,47,163

SCHEDULE B OR CONSTRUCTION
BUDGET ESTIMATE OF UNSANCTIONED WORKS OF THE

Number of items.	SANCTIONS.		Particulars.	AMOUNT OF ESTIMATE.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT.	RS.	RS.	RS.
			Bridge Work.			
1	..	..	Protective works at 395th mile, South-west line.	14,777	..	14,777
			STATIONS AND BUILDINGS.			
			Ráyapuram.			
2	..	..	Sheds for export and import traffic at Ráyapuram	16,666	8,334	25,000
			Veyasarpady.			
3	..	..	Houses for signallers and pointsmen at Veyasarpady	5,000	1,956	6,956
			Connur.			
4	..	..	Sorting sidings at Connur	2,388	4,599	6,987
			Arkonam			
5	..	..	New tank house at Arkonam ..	881	5,788	6,669

Madras Railway for the official year 1893-94—cont.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
635	2,061	2,696	1,373	..	1,373	865	331	1,196	..	41
17,777	22,025	39,802	81,563	72,116	1,53,679	17,786	14,798	32,584	..	
3,96,162	8,41,657	12,37,819	2,73,387	2,18,611	4,91,998	87,853	1,68,868	2,56,721	..	
..	..	..	..	..	..	5,800	2,33,960	2,39,760	..	1
1,246	2,545	3,791	965	2,097	3,062	..	..	..	..	1
..	..	..	3,720	17,280	21,000	..	..	..	..	2
..	..	..	687	6,727	7,414	..	..	..	..	3
..	..	..	1,638	6,363	7,991	..	..	..	..	4
3,100	4,700	7,800	2,696	4,700	7,396	3,100	4,700	7,800	15,764	5
210	1,380	1,590	210	1,380	1,590	210	1,380	1,590	3,180	6
..	..	..	..	..	..	125	4,543	4,668	..	
4,556	8,625	13,181	9,916	38,537	48,453	3,435	10,623	14,058	18,944	
4,00,718	8,50,282	12,51,000	2,83,303	2,57,148	5,40,451	97,088	4,13,451	5,10,539	18,944	

WORKS—PART II.

MADRAS RAILWAY for the official year 1893-94.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
..	..	..	..	..	..	14,777	..	14,777	..	1
..	..	..	..	..	..	..	..	..	25,000	2
..	..	..	..	..	..	..	..	..	6,956	3
..	..	..	..	..	..	2,388	4,599	6,987	..	4
..	..	..	..	..	..	881	5,788	6,669	..	5

Budget Estimate of Unsanctioned Works of the

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.
			<i>Jaldapet.</i>			
6	..	..	Alteration and addition to station-house at Jaldapet	10,988	7,615	18,603
7	..	..	Twenty houses for native firemen at Jaldapet	5,440	1,160	6,600
			<i>Kolar Road.</i>			
8	..	..	Further alterations and additions to station-house at Kolar Road	3,541	10,010	13,551
			<i>Bangalore City.</i>			
9	..	..	Thirty houses for subordinate staff at Bangalore City	6,630	1,920	8,550
10	..	..	Carriage shed at Bangalore City	4,261	2,148	6,409
11	..	..	Alteration and additions to platform, station-house yard, &c., at Bangalore City	90,838	66,499	1,47,397
			<i>Podanur.</i>			
12	..	..	Two double-blocks of bungalows for European and Eurasian drivers at Podanur	7,962	2,458	10,420
			<i>Palghat.</i>			
13	..	..	Station-house at Palghat	25,000	15,000	40,000
			<i>Calicut.</i>			
14	..	..	Telegraph Inspector's bungalow and office at Calicut	4,627	872	5,499
			<i>Gooty.</i>			
15	..	..	Two double-blocks of bungalows for European and Eurasian drivers at Gooty	10,286	2,498	12,784
16	..	..	Institute at Gooty	11,007	6,675	17,682
			BALLAST AND PERMANENT-WAY.			
17	..	..	Laying new permanent-way over girder bridges	29,022	45,978	75,000
			MISCELLANEOUS.			
18	..	..	Sheds, &c., required for the introduction of gas lights in trains	13,268	1,66,804	1,70,773
19	..	..	Four trial stations	6,844	1,808	8,652
20	..	..	Four double bungalows for guards	11,580	3,552	15,132
21	..	..	Six houses for native stationmasters	3,608	1,536	5,144
22	..	..	Four platforms to be provided at trial stations	7,724	5,544	13,268
23	..	..	Twenty-five houses for subordinate staff	6,630	1,920	8,550
24	..	..	Two trial stations to be converted into fourth-class stations	9,048	6,374	15,422
			ELECTRIC TELEGRAPHS.			
25	..	..	Lighting of Arkham station and yard by electricity	6,133	17,813	23,946
26	..	..	Unsanctioned Minor Works as per Schedule C.	33,368	20,103	43,461
			Total, Engineering Department ..	3,37,146	2,88,964	7,26,110
			LOCOMOTIVE DEPARTMENT.			
			N.L.			
			CARRIAGE AND WAGON DEPARTMENT.			
1	..	..	Two composite carriages	4,422	9,284	13,706
			Total, Schedule B ..	3,41,568	2,98,248	7,39,816

* The greater portion of this expenditure

Madras Railway for the official year 1893-94—cont.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
..	..	..	..	..	..	10,988	7,615	18,603	..	6
..	..	..	..	..	..	5,440	1,160	6,600	..	7
..	..	..	..	..	..	3,541	10,010	13,551	..	8
..	..	..	..	..	..	6,630	1,920	8,550	..	9
..	..	..	..	..	..	4,261	2,148	6,409	..	10
..	..	..	..	..	..	90,838	66,499	1,47,397	..	11
..	..	..	..	..	..	7,962	2,458	10,420	..	12
..	..	..	..	..	..	25,000	15,000	40,000	..	13
..	..	..	..	..	..	..	..	..	5,499	14
..	..	..	..	..	..	10,286	2,498	12,784	..	15
..	..	..	..	..	..	11,007	6,675	17,682	..	16
..	..	..	..	..	..	..	..	..	75,000	17
..	..	..	..	..	..	13,969	1,66,804	1,70,773	..	18
..	..	..	..	..	..	6,844	1,808	8,652	..	19
..	..	..	..	..	..	11,580	3,552	15,132	..	20
..	..	..	..	..	..	3,608	1,536	5,142	..	21
..	..	..	..	..	..	7,724	5,544	13,268	..	22
..	..	..	..	..	..	6,530	1,620	7,160	..	23
..	..	..	..	..	..	9,048	6,374	15,422	..	24
..	..	..	..	..	..	6,133	17,813	23,946	..	25
..	..	..	..	..	..	20,204	13,618	33,819	9,842	26
..	..	..	..	..	..	2,78,877	2,25,336	5,04,013	1,22,097	
..	..	..	..	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	..	..	
..	..	..	..	..	..	4,422	9,284	13,706	..	1
..	..	..	..	..	..	2,83,099	2,34,620	5,17,719	1,22,097	
..	..	..	..	..	..	..	..	..	..	

is debitable to the Locomotive Department.

SCHEDULE C OR CONSTRUCTION
Budget Estimate of Minor Works of the

Number of items.	SANCTIONS.		Particulars.	AMOUNT OF ESTIMATE.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			SANCTIONED WORKS.	RS.	RS.	RS.
			ENGINEERING DEPARTMENT.			
			<i>Bridge-work.</i>			
1	C.E. No. 1026 ..	23rd Nov. 1892.	Strengthening bridge at 395th mile, South-west line ..	2,113	2,683	4,995
2	G.O., No. 2493 B.	19th Oct. ..	Strengthening weak girders over the Rallavonka bridge ..	..	2,213	2,213
			STATIONS AND BUILDINGS.			
			<i>Rayapuram.</i>			
3	C.E. No. 308 ..	22nd April 1892.	Extension of platform and alteration of sidings at Rayapuram ..	978	772	1,750
4	C.E. No. 628 ..	3rd Aug. ..	Thirty-ton weigh-bridge and siding at Rayapuram ..	109	2,133	2,242
5	C.E. No. 830 ..	26th Sept. ..	Alterations of sidings, &c., at Rayapuram ..	248	314	562
			<i>Central Station.</i>			
6	C.E. No. 145 ..	18th Feb. 1893.	Dispensary and apothecary's quarters at Central station ..	2,559	1,681	4,140
7	M.O.M. ..	25th Aug. 1892.	Grouping points Nos. 17 to 21 and 22 to 26 at Central station ..	268	987	1,255
8	C.E. No. 242 ..	25th Mar. ..	Tank at Central station ..	163	2,369	2,532
9	C.E. No. 209 ..	6th Mar. 1893.	Extra piping and hydrants for washing carriages at Central station ..	153	2,346	2,499
10	C.E. No. 248 ..	17th	Steam pump at Central station ..	47	1,420	1,537
			<i>Salt Coasters.</i>			
11	C.E. No. 968 ..	6th Oct. 1891.	Sidings, &c., for loading coal at Salt Coasters ..	762	2,576	3,338
			<i>Perambur Works.</i>			
12	C.E. No. 927 ..	28th Sept. ..	Additional stables, &c., for staff quarters at Perambur Works ..	1,211	272	1,483
13	C.E. No. 645 ..	9th Aug. 1892.	Paving with cement and fixing sky-lights in carriage shop at Perambur Works ..	608	826	1,432
			<i>Connur.</i>			
14	M.O.M. ..	26th May ..	Station-house, &c., at Connur ..	1,800	2,054	4,854
			<i>Avadi.</i>			
15	C.E. No. 332 ..	28th April ..	Extension of platforms at Avadi ..	1,579	1,151	2,730
	M.O.M. ..	27th Mar. 1893.				
			<i>Tinnamur.</i>			
16	C.E. No. 332 ..	28th April 1892.	Extension of platforms at Tinnamur ..	1,225	907	2,132
			<i>Tiruvallur.</i>			
17	C.E. No. 1140 ..	21st Nov. 1891.	Overbridge at Tiruvallur ..	1,639	1,695	3,334
	M.O.M. ..	28th July 1892.				
			<i>Kadambattur.</i>			
18	C.E. No. 332 ..	28th April ..	Extension of platform at Kadambattur ..	800	800	1,600
			<i>Mosur.</i>			
19	C.E. No. 688 ..	23rd July ..	Platform at Mosur ..	1,683	1,336	2,918
			<i>Mosur.</i>			
20	C.E. No. 684 ..	17th Aug. ..	Platform at Mosur ..	1,221	1,325	2,556
			<i>Arkonam.</i>			
21	C.E. No. 604 ..	28th July ..	Guards' bungalow at Arkonam ..	2,869	979	3,848
22	C.E. No. 920 ..	26th Oct. ..	Alterations and additions to signallers' bungalow at Arkonam ..	851	671	1,422
			<i>Katpadi.</i>			
23	C.E. No. 727 ..	29th Aug. 1892.	Double bungalow for signallers at Katpadi ..	1,998	861	2,859
24	C.E. No. 1042 ..	23rd Oct. 1891.	Five-ton crane and alteration of sidings at Katpadi ..	434	2,712	3,146
	M.O.M. ..	24th Mar. 1893.				

WORKS—PART III.

Madras Railway for the official year 1893-94.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
..	..	..	1,500	2,600	4,000	612	383	995	..	1
..	..	..	..	3,000	3,000	..	213	213	..	2
..	..	..	978	772	1,750	..	..	..	..	3
..	..	..	109	2,133	2,242	..	..	..	..	4
..	..	..	200	250	450	48	64	112	..	5
..	..	..	..	..	..	2,559	1,681	4,140	..	6
72	956	1,028	..	30	30	..	..	..	..	7
..	..	..	700	2,669	3,369	..	..	..	..	8
..	..	..	153	2,346	2,499	..	..	..	..	9
..	..	..	..	..	..	47	1,490	1,537	..	10
491	1,988	2,477	270	90	360	..	..	..	..	11
837	272	1,109	374	..	374	..	..	..	..	12
..	..	..	698	826	1,424	..	..	..	..	13
1,660	2,928	4,488	180	..	180	..	..	..	..	14
..	..	..	1,679	1,161	2,730	..	..	..	..	15
..	..	..	1,225	907	2,132	..	..	..	..	16
478	1,672	2,150	1,161	23	1,184	..	..	..	..	17
..	..	..	808	800	1,600	..	..	..	..	18
..	..	..	1,400	1,200	2,600	183	135	318	..	19
..	..	..	1,000	1,000	2,000	221	335	556	..	20
..	..	..	1,869	600	2,469	1,000	379	1,379	..	21
..	..	..	600	600	1,100	251	71	322	..	22
..	..	..	900	800	1,400	1,098	361	1,459	..	23
27	..	27	407	1,663	2,070	..	..	..	..	24

Budget Estimate of Minor Works of the

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.
25	C.E. No. 978 ..	8th Oct. 1891.	Goods-sheds lay-by at Vaniyambadi .. <i>Vaniyambadi.</i>	248	1,325	1,743
26	C.E. No. 1020.	19th Nov. 1892.	Goods-shed office at Bangalore City .. <i>Bangalore Cantonment.</i>	825	347	1,172
27	C.E. No. 307 ..	22nd April ..	Well at Bangalore cantonment .. <i>Devankundi.</i>	1,728	558	2,286
28	C.E. No. 437 ..	4th June ..	Station-house at Devankundi .. <i>Malur.</i>	1,214	866	2,080
29	C.E. No. 332 ..	28th April ..	Extension of through siding at Malur .. <i>Kolar Road.</i>	401	756	1,157
30	C.E. No. 669 ..	16th July ..	Extension of lay-by at Kolar road .. <i>Gudupalli.</i>	860	1,318	1,975
31	C.E. No. 233 ..	21st Mar. ..	Quarters for the traffic staff at Gudupalli.	1,772	641	2,413
32	O.E. No. 691 ..	25th July ..	Lay-by at Gudupalli .. <i>Mullanur.</i>	346	1,464	1,809
33	C.E. No. 680 ..	31st July 1891.	Five houses for pointmen at Mullanur .. <i>Jalarpet.</i>	1,339	331	1,670
34	C.E. No. 709 ..	7th Aug. ..	Double bungalow for family guards at Jalarpet	2,956	930	3,936
35	C.E. No. 896 ..	21st Sept. ..	Extension of transshipping shed at Jalarpet	798	3,218	4,014
36	C.E. No. 1028.	23rd Nov. 1892.	Semaphore signal and cabin for grouping points at Jalarpet ..	778	1,374	2,152
37	C.E. No. 144 ..	20th Feb. ..	Alteration of sidings at Jalarpet ..	117	1,048	1,162
38	C.E. No. 683 ..	17th Aug. ..	Shed for sheltering carriages at Jalarpet	852	365	1,317
39	C.E. No. 726 ..	29th	Double bungalow for family guards at Jalarpet	2,820	988	3,878
40	C.E. No. 863 ..	28th Sept. ..	Additions to Assistant Traffic Manager's office at Jalarpet ..	823	563	1,456
41	O.E. No. 940 ..	31st Oct. ..	Stand pipes and piping at Jalarpet .. <i>Salem.</i>	432	1,234	1,666
42	C.E. No. 643 ..	19th June 1891.	Paving engine-shed at Salem ..	1,306	..	1,306
43	C.E. No. 200 .. M.O.M. ..	12th May 1892. 24th Feb. 1893.	Well at 230/5 miles near Sankaridrug. <i>Sankaridrug.</i>	538	1,470	2,006
44	C.E. No. 199 ..	11th Mar. 1892.	Running guards' bungalow at Erode ..	2,848	710	3,258
45	C.E. No. 834 ..	26th Sept. ..	Thirty-ton weigh-bridge and office, &c., at Erode ..	433	2,658	2,991
45-A	C.E. No. 224 ..	11th Mar. 1892.	Alteration and additions to sidings at Erode ..	434	2,385	2,819
			<i>Vizianagaram.</i>			
46	C.E. No. 696 ..	19th Aug. 1892.	Goods godown and loading bank at Vizianagaram ..	1,873	178	2,051
			<i>Tirupur.</i>			
47	C.E. No. 332 ..	28th April ..	Extension of through siding at Tirupur.	606	1,661	2,067
			<i>Podanur.</i>			
48	C.E. No. 686 ..	17th Aug. 1892.	Assistant Traffic Manager's office at Podanur	3,777	1,187	4,964
49	C.E. No. 615 ..	1st	Guards' bungalow at Podanur ..	2,899	978	3,877
50	M.O.M. ..	25th	Double bungalow for family guards at Podanur ..	2,946	987	3,939
			<i>Olavakód.</i>			
51	C.E. No. 460 ..	16th June 1892.	Alterations and additions to signallers' bungalow at Olavakód ..	1,044	335	1,379
52	C.E. No. 660 ..	11th Aug. ..	Alterations and additions of sidings at Olavakód ..	781	2,261	3,742

Madras Railway for the official year 1893-94—cont.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
142	918	1,060	13	..	15	..	..	..	..	25
..	..	..	600	250	850	225	97	322	..	26
..	..	..	..	..	..	..	..	..	..	27
357	465	822	1,371	93	1,464	..	..	..	..	28
1,212	859	2,071	1	..	1	..	..	..	..	29
..	..	..	401	756	1,157	..	..	..	..	30
..	..	..	660	1,315	1,975	..	..	..	..	31
..	..	..	1,774	641	2,415	..	..	..	..	32
..	..	..	845	1,464	1,809	..	..	..	..	33
460	248	714	703	..	703	..	..	..	..	34
1,310	642	1,952	1,648	338	1,984	..	..	..	..	35
710	3,178	3,888	68	23	89	..	..	..	..	36
97	539	636	681	835	1,516	..	..	..	..	37
..	486	486	117	402	519	..	..	..	..	38
..	..	..	900	300	1,200	62	65	117	..	39
..	..	..	1,800	600	2,400	1,090	388	1,478	..	40
..	..	..	700	400	1,100	193	163	356	..	41
..	..	..	400	900	1,300	32	334	366	..	42
1,158	..	1,158	25	..	25	..	..	..	..	43
64	87	151	473	1,392	1,865	..	..	..	..	44
..	38	38	2,638	603	3,039	..	..	..	..	45
..	..	..	400	2,600	3,000	33	88	91	..	45-A
..	..	..	..	..	..	434	2,385	2,819	..	46
..	..	..	1,600	160	1,650	373	28	401	..	47
..	..	..	606	1,661	2,067	..	..	..	..	48
..	..	..	3,000	1,000	4,000	777	187	964	..	49
..	..	..	2,399	700	3,099	600	278	778	..	50
2,341	937	3,278	146	50	196	..	..	..	..	51
..	..	..	1,044	335	1,379	..	..	..	..	52
..	..	..	700	2,500	3,200	81	461	542	..	53

Budget Estimate of Minor Works of the

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.
			<i>Palghat.</i>			
63	C.E. No. 243 ..	19th Mar. 1891.	Station-master's bungalow at Palghat ..	1,941	751	2,692
64	G.O., No. 917 R.	8th April 1892.	Goods-shed and extension of sidings at Palghat ..	747	1,338	2,085
65	C.E. No. 461 ..	15th June ..	Thirty-ton weigh-bridge, &c., at Palghat ..	920	2,873	4,793
66	C.E. No. 592 ..	25th July ..	Diversion of road, &c., at Palghat ..	1,082	..	1,082
			<i>Manikarai.</i>			
67	C.E. No. 469 ..	18th June ..	Station-house at Manikarai ..	1,538	452	1,990
68	C.E. No. 900 ..	22nd Sept. 1891.	Platform at Manikarai ..	1,185	1,674	2,859
			<i>Ottappalam.</i>			
69	C.E. No. 967 ..	6th Oct. ..	Extra water column at west end of platform at Ottappalam ..	360	1,496	1,856
			<i>Edakkulam.</i>			
60	C.E. No. 688 ..	17th Aug. 1892.	Station-house at Edakkulam ..	1,229	827	2,056
			<i>Parpanangadi.</i>			
61	C.E. No. 462 ..	16th June ..	Goods-shed, &c., at Parpanangadi ..	2,116	596	2,712
			<i>Feroke.</i>			
62	C.E. No. 315 ..	10th Apr. 1893.	Alteration of sidings at Feroke ..	787	827	1,614
63	M.O.M. ..	28th July 1892.	Road goods room at Feroke ..	1,250	1,036	2,286
			<i>Kallai.</i>			
64	M.O.M. ..	28th July ..	Sidings and turn-table at Kallai ..	1,010	1,271	2,281
65	C.E. No. 220 ..	17th Mar. ..	Works required by the Traffic Department at Kallai ..	690	439	1,129
		30th Sept. ..				
			<i>Coimbatore.</i>			
66	C.E. No. 480 ..	22nd June ..	Extension of goods-shed, &c., at Coimbatore ..	3,250	865	4,115
			<i>Tudiyalur.</i>			
67	C.E. No. 332 ..	28th April ..	Extension of through siding at Tudiyalur ..	971	1,378	2,349
			<i>Karamadai.</i>			
68	C.E. No. 332 ..	28th April ..	Extension of through siding at Karamadai ..	1,302	1,402	2,704
			<i>Vepagunta.</i>			
69	C.E. No. 605 ..	8th July 1891.	Platform and lay-bye at Vepagunta ..	1,372	3,036	4,408
			<i>Padi.</i>			
70	C.E. No. 332 ..	28th April ..	Extension of platform, &c., at Padi ..	896	899	995
			<i>Rénigunta.</i>			
71	C.E. No. 1193 ..	6th Dec. ..	Nine huts for scavengers at Renigunta ..	1,518	394	1,912
72	M.O.M. ..	30th Sept. 1892.	Double guard's bungalow at Renigunta ..	1,949	586	2,535
73	G.O., No. 1856 R.	21st June ..	One block of four bungalows for European and Eurasian firemen at Renigunta ..	8,024	1,411	4,505
74	C.E. No. 831 ..	26th Sept. ..	Six houses for subordinate staff at Renigunta ..	848	430	1,278
			<i>Kodur.</i>			
75	C.E. No. 332 ..	28th April ..	Extension of platform, &c., at Kodur ..	153	224	377
			<i>Rajampet.</i>			
76	C.E. No. 342 ..	3rd May ..	Extension of platform and through sidings at Rajampet ..	796	1,388	2,184
77	C.E. No. 868 ..	5th Oct. ..	Six houses for subordinate staff at Rajampet ..	843	428	1,271
			<i>Nandalur.</i>			
78	C.E. No. 342 ..	3rd May ..	Extension of platform, &c., at Nandalur ..	330	851	684

Madras Railway for the official year 1893-94—cont.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
892	588	1,480	783	12	795	..	..	..	..	63
..	..	..	600	900	1,500	147	438	585	..	64
..	..	..	920	3,873	4,793	..	..	..	..	65
..	..	..	700	..	700	392	..	392	..	66
..	..	..	1,538	452	1,990	..	..	..	..	67
876	991	1,867	118	..	118	..	..	..	..	68
..	..	..	..	..	..	..	..	..	..	69
214	312	527	48	628	744	..	..	..	..	70
..	..	..	1,000	600	1,600	229	227	456	..	71
..	..	..	2,116	596	2,712	..	..	..	..	72
..	..	..	102	56	158	787	827	1,614	..	73
934	969	1,903	..	..	..	..	..	..	..	74
..	..	..	475	177	652	..	..	..	..	75
636	1,077	1,613	689	421	1,110	..	..	..	..	76
..	6	6	..	..	..	..	..	..	..	77
..	..	..	3,250	865	4,115	..	..	..	..	78
..	..	..	172	1,091	1,263	..	..	..	..	79
..	..	..	1,001	1,374	2,375	..	..	..	..	80
..	..	..	..	..	..	..	..	..	..	81
640	630	1,170	832	2,408	3,238	..	..	..	..	82
..	..	..	596	399	995	..	..	..	..	83
..	..	..	..	..	..	..	..	..	..	84
38	137	175	1,482	65	1,537	..	..	..	..	85
..	..	..	1,500	400	1,900	449	186	635	..	86
..	..	..	1,594	1,000	2,594	1,500	411	1,911	..	87
..	..	..	700	300	1,000	148	130	278	..	88
..	..	..	..	186	186	..	..	..	..	89
..	..	..	796	1,388	2,184	..	..	..	..	90
..	..	..	800	350	1,150	43	78	121	..	91
..	..	..	413	271	684	..	..	..	..	92

Budget Estimate of Minor Works of the

Budget Estimate of Minor Works of the						
Number of items.	SANCTIONS.		Particulars.	AMOUNT OF ESTIMATE.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
79	C.E. No. 342 ..	3rd May 1892.	STATIONS AND BUILDINGS—cont. <i>Siddhavattam.</i> Extension of platform and through siding at Siddhavattam	Rs.	Rs.	Rs.
80	M.O.M.	24th Mar. 1893.	<i>Cuddapah.</i> Six huts for scavengers at Cuddapah ..	1,503	1,418	3,219
81	C.E. No. 1193 ..	5th Dec. 1891.	Six houses for subordinate staff at Cuddapah	1,204	114	1,519
82	C.E. No. 687 ..	17th Aug. ..	<i>Gungayapally (Tallur).</i> Station house at Gungayapally (Tallur).	812	430	1,242
83	M.O.M.	25th Aug. ..	<i>Terraguntla.</i> Nine houses for pointmen at Terraguntla	1,268	627	2,093
84	C.E. No. 145 ..	20th Feb. ..	<i>Tadpatri.</i> Cross-over road at Tadpatri	2,227	373	2,600
85	C.E. No. 131 ..	19th Feb. ..	<i>Gooty.</i> Wash out pit in carriage shop at Gooty.	836	2,412	3,251
86	C.E. No. 603 ..	28th July ..	Blank for four houses for native drivers at Gooty	615	945	1,560
87	C.E. No. 832 ..	26th Sept. ..	Eight houses for native firemen at Gooty.	1,871	809	2,680
88	C.E. No. 28 ..	15th Jan. ..	Rest-house with out-houses and land at Gooty	2,173	464	2,637
89	C.E. No. 635 ..	17th Aug. ..	<i>Molagavalli.</i> Platform at Molagavalli	3,000	..	3,000
90	C.E. No. 332 ..	28th April 1892.	<i>Koogi.</i> Extension of through siding at Koogi ..	1,666	624	2,290
91	C.E. No. 414 ..	28th May ..	<i>Raichur.</i> Open shed over loading bank at Raichur.	440	1,063	1,503
92	C.E. No. 941 ..	31st Oct. ..	New coal siding at Raichur	1,933	2,347	4,280
93	C.E. No. 947 ..	1st Nov. ..	Enlargement of locomotive well at Raichur	1,317	1,441	2,758
94	C.E. No. 1089.	12th Dec. ..	Extension of through siding at Raichur.	3,676	..	3,676
95	C.E. No. 870 ..	26th Sept. 1890.	<i>Electric Telegraph.</i> Fixing lightning conductors to the buildings at Hennigutta	683	2,150	2,833
			Total, Engineering Department, carried to schedule A	292	779	1,061
				1,02,673	1,02,360	2,05,039
			LOCOMOTIVE DEPARTMENT. <i>Nil.</i>			
			CARRIAGE AND WAGON DEPARTMENT.			
1	C.E. No. 161 ..	20th Feb. 1893.	Fitting automatic vacuum brake gear to carriages (carried to schedule A) ..	125	4,543	4,668
			Total, sanctioned minor works ..	1,02,795	1,06,912	2,09,707
			UNSANCTIONED WORKS.			
			ENGINEERING DEPARTMENT. <i>Nil.</i>			
			STATIONS AND BUILDINGS.			
			<i>Washermanpet.</i> Larger waiting shed and booking office, &c., at Washermanpet	1,403	1,605	2,808

Madras Railway for the official year 1893-94—cont.

[illegible]

Budget Estimate of Minor Works of the

Budget Estimate of Minor Works of the						
Number of items.	SANCTIONS.		Particulars.	AMOUNT OF ESTIMATES.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			STATIONS AND BUILDINGS—cont.	Rs.	Rs.	Rs.
1	..	..	<i>Servapet.</i>			
2	..	..	Cross-over road at Servapet ..	59	1,347	1,406
3	..	..	<i>Arkonam.</i>			
4	..	..	Water troughs at Arkonam ..	480	1,260	1,740
5	..	..	<i>Bangalore City.</i>			
6	..	..	Drainage at Bangalore City station ..	1,200	90	1,290
7	..	..	Carriage Examiner's bungalow at Bangalore City ..	2,624	662	3,286
8	..	..	<i>Podanur.</i>			
9	..	..	Third line, Nilgiri branch at Podanur ..	1,281	3,693	4,974
10	..	..	<i>Shoranur.</i>			
11	..	..	Third line at Shoranur ..	967	3,055	4,022
12	..	..	<i>Ferik.</i>			
13	..	..	Two extra godowns for merchants at Ferik ..	1,654	685	2,339
14	..	..	<i>Rinigunta.</i>			
15	..	..	Extension of transhipping shed at Rinigunta ..	784	1,928	2,712
16	..	..	Ten houses for native firemen at Rinigunta ..	2,720	680	3,400
17	..	..	<i>Guntakal.</i>			
18	..	..	Quarters for two native signallers at Guntakal ..	2,736	701	3,437
19	..	..	<i>Raichur.</i>			
20	..	..	Removal of over bridge at Raichur ..	1,139	688	1,827
21	..	..	Additions to goods shed at Raichur ..	2,802	210	3,012
22	..	..	Safety siding to prevent wagons from moving away on the Madras Railway line ..	1,352	2,087	3,439
23	..	..	BALLAST AND PERMANENT-WAY.			
24	..	..	<i>Nil.</i>			
25	..	..	MISCELLANEOUS.			
26	..	..	Two loading banks to be provided at two stations ..	1,448		1,448
27	..	..	Over-bridge at Elephant gate crossing ..	709	1,612	2,321
28	..	..	Total, Engineering Department carried to Schedule B ..	23,358	20,103	43,461
29	..	..	LOCOMOTIVE DEPARTMENT.			
30	..	..	<i>Nil.</i>			
31	..	..	CARRIAGE AND WAGON DEPARTMENT.			
32	..	..	<i>Nil.</i>			
33	..	..	Total, Unsanctioned Minor Works ..	23,358	20,103	43,461

Madras Railway for the official year 1893-94—cont.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
..	..	..	..	..	..	59	1,347	1,406	..	2
..	..	..	..	..	..	480	1,260	1,740	..	3
..	..	..	..	..	..	1,200	90	1,290	..	4
..	..	..	..	..	..	2,624	662	3,286	..	5
..	..	..	..	..	..	1,281	3,693	4,974	..	6
..	..	..	..	..	..	..	..	..	4,022	7
..	..	..	..	..	..	1,654	685	2,339	..	8
..	..	..	..	..	..	..	..	..	2,712	9
..	..	..	..	..	..	2,720	680	3,400	..	10
..	..	..	..	..	..	2,736	701	3,437	..	11
..	..	..	..	..	..	1,139	688	1,827	..	12
..	..	..	..	..	..	2,802	210	3,012	..	13
..	..	..	..	..	..	1,352	2,087	3,439	..	14
..	..	..	..	..	..	..	..	..	..	15
..	..	..	..	..	..	1,448	709	2,157	..	16
..	..	..	..	..	..	20,204	13,615	33,819	9,642	
..	..	..	..	..	..	..	..	..	..	
..	..	..	..	..	..	20,204	13,615	33,819	9,642	

SCHEDULE D ON CONSTRUCTION WORKS—PART IV.

BUDGET ESTIMATE of EMERGENT WORKS of the MADRAS RAILWAY for the official year 1893-94.—Nil.

SCHEDULE E.

BUDGET ESTIMATE of EXPENDITURE for PURCHASE of STORES for the MADRAS RAILWAY during 1893-94.

Details.	ACTUAL PURCHASES DURING 1891-92.		PROBABLE PURCHASES DURING 1892-93.		ESTIMATED PURCHASES DURING 1893-94.	
	Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
In India.						
Firewood	Tons.	87,445	4,24,828	80,000	4,00,000	4,24,828
Oil of sorts	..	..	1,37,044	..	1,43,800	1,43,800
Cotton, waste, &c. ..	lb.	78,807	7,295	60,000	6,000	1,43,800
Timber of all kinds ..	Tons.	..	1,86,313	..	1,88,350	6,000
Tallow, country	lb.	14,841	2,611	6,000	1,200	1,78,400
Coal, Indian	Tons.	21,111	2,00,202	22,000	3,13,800	1,200
Wooden sleepers	No.	2,777	17,138	..	22,000	3,14,000
Do. keys	..	..	12,823	..	13,000	20,000
Materials for tarpaulins ..	..	..	490	..	7,000	13,000
Manufacture of stores ..	..	..	1,19,878	..	1,22,000	5,000
Freight and landing charges ..	..	..	91,458	..	80,000	1,20,000
Port sleepers cast in Perambur Works ..	..	..	..	..	3,000	1,00,000
Sundry stores	..	..	2,60,477	..	63,147	6,000
Total ..	..	16,60,653	..	12,61,697	..	15,14,812
In England.						
Coal, coke and patent fuel ..	Tons.	996	16,578	1,000	28,000	35,000
Brass and copper pipes, tubes, &c. ..	..	119	80,303	..	34,120	20,000
Iron and steel plates and bars ..	..	751	58,534	..	64,200	20,000
Materials for renewals of rolling-stock, chiefly iron works ..	..	..	71,821	..	6,840	30,000
Tyres, engines and carriages ..	Tons.	257	44,786	..	6,240	18,000
Machinery	..	..	10,814	..	6,960	2,000
Axles, crank	No.	37	20,183	18	9,450	19,000
Do. carriages	..	400	28,786	..	300	10,000
Locomotives	..	..	..	..	10	2,89,200
Iron under frames for carriages ..	..	..	35,372	..	..	..
Plant for making gas and fittings for lighting ..	..	..	..	..	..	1,63,304
Automatic vacuum brake fittings ..	..	..	..	..	..	2,900
Permanent-way materials ..	Tons.	8,145	4,73,344	..	2,00,000	3,60,000
Chadders and iron cylinders ..	..	..	2,88,756	..	1,00,000	20,000
Telegraph stores	..	..	9,707	..	..	12,000
Materials for tarpaulins ..	..	..	76,602	..	2,000	2,000
Sundry stores	..	..	87,444	..	1,61,380	2,71,606
Total ..	..	13,99,026	..	6,99,000	..	13,85,000
Total, Schedule E. ..	..	29,49,679	..	19,60,697	..	28,79,838

MEMORANDUM.

	RS.
Actual balance of stores in hand, 1st April 1892	32,75,870
Estimated purchases during 1892-93 as above	19,60,697
Total	52,36,567
Estimated issues during 1892-93	21,57,148
Estimated balances on 1st April 1893	30,79,419
Estimated purchases during 1893-94	28,79,813
Total	59,59,232
Estimated issues during 1893-94	27,48,071
Estimated balance on 1st April 1894	32,11,161

ENGLISH TRANSACTIONS.

	Budget estimate, 1893-94.
	RS.
Indents to be sent Home during year	10,90,123
Add for indents of previous year expected to be complied with in official year	6,22,000
Add English establishment charges	1,40,000
Total	18,52,123
Deduct amount of orders not expected to be complied with until next year	3,47,123
Net Capital cash transactions in England	15,05,000

SCHEDULE F.

ESTIMATE OF TRAFFIC RECEIPTS OF THE MADRAS RAILWAY, 1893-94.

Number of miles open for traffic on 1st April 1892	840
Expected to be opened during 1892-93.	..
Total on 1st April 1893	840
Expected to be opened during 1893-94	840
Total likely to be opened at end of 1893-94	840
Average number of miles expected to be opened during the whole of 1893-94	840

	Actuals in 1891-92.	Sanctioned budget estimate, 1892-93.	Revised estimate, 1892-93.	Budget estimate 1893-94.
	RS.	RS.	RS.	RS.
Coaching traffic	36,13,794	38,00,000	38,60,000	38,60,000
Goods do.	66,48,989	66,20,000	67,10,000	67,10,000
Electric telegraph	20,129	20,000	20,000	20,000
Sundries	1,72,651	1,60,000	1,60,000	1,60,000
Total	94,55,563	96,00,000	97,50,000	97,50,000
Train mileage	25,38,905	25,10,000	24,71,000	24,72,000

SCHEDULE G.

ESTIMATE OF REVENUE EXPENDITURE ON THE MADRAS RAILWAY FOR THE OFFICIAL YEAR 1893-94.

	Actuals in 1891-92.	Sanctioned budget estimate, 1892-93.	Revised estimate, 1892-93.	Budget estimate, 1893-94.
<i>Maintenance of Way, Works and Stations.</i>				
1. General superintendence ...	Rs. 2,54,784	Rs. 2,60,000	Rs. 2,60,000	Rs. 2,60,000
2. Maintenance and renewal of permanent-way.	6,25,018	6,25,000	6,83,000	7,00,000
3. Repairs of bridges, &c., wages and materials.	2,23,005	2,20,000	2,78,000	2,00,000
3-A Conservancy of rivers ...	...	...	...	...
4. Repairs of stations and buildings, wages and materials ...	1,79,798	1,80,000	1,84,000	1,80,000
5. Maintenance by contract ...	...	...	...	...
6. New minor works ...	24,240	20,000	20,000	20,000
7. Unclassified expenditure ...	1,75,874	1,40,000	2,05,000	2,10,000
Total ...	14,82,719	14,45,000	16,30,000	15,70,000
Deduct value of stores returned to stock ...	Rs. 1,40,089			
Sum chargeable to Fire Insurance Fund ...	25			
Total ...	1,40,114	1,20,000	1,20,000	1,20,000
Total ...	13,42,605	13,25,000	15,10,000	14,50,000
<i>Locomotive Expenses.</i>				
1. General superintendence ...	1,17,354	1,10,000	1,09,300	1,10,000
2. Running expenses (wages connected with the working of locomotive engines) ...	3,63,497	3,60,000	3,69,000	3,70,000
3. Fuel ...	7,16,113	7,20,000	7,08,200	7,10,000
4. Water (including wages and stores) ...	27,794	26,000	29,000	28,000
5. Oil, tallow and other stores (expended on engines in work) ...	43,494	45,000	44,000	45,000
6. Maintenance and renewals of locomotive engines ...	5,92,495	4,51,000	4,40,000	4,40,000
6-A Do. do. machinery, tools and plant ...	95,483	85,200	90,000	1,00,000
7. New minor works ...	...	2,500	2,500	2,500
8. Payments to other lines ...	...	...	...	...
9. Unclassified expenditure ...	1,83,010	1,50,000	1,32,000	1,46,500
Total ...	21,39,269	19,49,700	19,30,000	19,50,000
<i>Carriage and Wagon Expenses.</i>				
1. General superintendence ...	31,026	40,000	36,000	36,000
2. Repairs and renewals of vehicles ...	3,01,657	4,00,000	2,53,500	2,76,500
2-A Do. do. machinery, tools and plant ...	87,890	65,000	68,000	65,000
3. Cleaning carriages and wagons and oiling ...	63,552	70,000	65,000	70,000
4. New minor works ...	...	2,500	2,500	2,500
5. Unclassified expenditure ...	30,958	60,000	60,000	60,000
Total ...	4,85,081	6,37,500	4,85,000	5,00,000
Deduct sum chargeable to Fire Insurance Fund ...	2,029	...	...	...
Total ...	4,83,052	6,37,500	4,85,000	5,00,000

ESTIMATE OF REVENUE EXPENDITURE ON THE MADRAS RAILWAY FOR THE OFFICIAL YEAR 1892-94—cont.

	Actuals in 1891-92.	Sanctioned budget estimate, 1892-93.	Revised estimate, 1892-93.	Budget estimate, 1893-94.
<i>Traffic Expenses.</i>				
1. Salaries, wages, &c. ...	Rs. 6,34,042	Rs. 6,20,000	Rs. 6,20,000	Rs. 6,20,000
2. Fuel, lighting, water and general stores ...	1,14,269	1,10,000	1,10,000	1,10,000
3. Clothing ...	10,811	9,000	9,000	9,000
4. Printing, stationery and tickets ...	73,963	72,000	72,000	72,000
5. Charges for delivery and collection of goods, &c. ...	2,282	2,000	2,000	2,000
6. Miscellaneous expenses ...	6,058	6,000	6,000	6,000
7. Payments to other lines ...	22,275	21,000	21,000	21,000
8. Unclassified expenditure ...	...	...	...	...
Total ...	8,63,700	8,40,000	8,40,000	8,40,000
Deduct sum chargeable to Fire Insurance Fund ...	643	...	...	...
Total ...	8,63,057	8,40,000	8,40,000	8,40,000
<i>General Charges.</i>				
1. Home expenditure ...	68,683	67,000	66,000	68,000
2. Salaries of Indian management including offices ...	2,73,794	2,90,400	2,50,000	2,60,000
3. Police ...	48,367	45,000	38,000	39,000
4. Advertising (all advertisements of all departments) ...	4,072	6,000	4,000	4,000
5. Electric telegraph ...	1,31,787	1,52,800	1,35,000	1,42,000
6. Clearing accounts with other lines ...	32,913	44,600	47,000	45,000
7. Unclassified expenditure ...	...	...	...	...
Total ...	5,59,516	6,05,800	5,40,000	5,58,000
Deduct sum chargeable to Fire Insurance Fund ...	5,372	8,000	6,000	6,000
Total ...	5,54,144	5,97,800	5,34,000	5,52,000
<i>Special and Miscellaneous Expenditure.</i>				
1. Law charges ...	1,711	3,000	2,000	2,400
2. Compensation ...	5,502	5,000	3,000	4,000
3. Rates and taxes (including municipal water-rates) ...	14,209	15,000	14,000	16,000
4. Payments to other lines ...	39,162	15,000	23,200	25,000
5. Prizes for station gardens, &c. ...	560	2,000	800	600
6. Contribution to Railway provident institution ...	29,865	...	40,000	40,000
7. Miscellaneous ...	17,827	10,000	18,000	20,000
Total ...	1,08,835	50,000	1,01,000	1,08,000
Deduct sum chargeable to Fire Insurance Fund ...	1,547	...	...	...
Total ...	1,07,288	50,000	1,01,000	1,08,000

MADRAS, 24th April 1893. (Signed) F. DUNSTERVILLE, Chief Auditor. (Signed) L. S. MOSS, Agent and Manager.

6TH MAY 1893, No. 824 R., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper :—

Endorsement from the Consulting Engineer for Railways, dated 2nd May 1893, No. 205.

ORDER—dated 6th May 1893, No. 824 R., Public Works.

Ordered that the final issue of the revised estimate, 1892-93, and budget estimate, 1893-94, of the Madras Railway (Capital and Revenue) be forwarded to the Government of India with reference to para. 7 of its Resolution No. $\frac{12}{B.O.}$ A.R., dated 24th March 1893.

[Here enter No. 825 R., Public Works, dated 6th May 1893.]

(True Extract.)

(Signed) F. R. UPCOTT,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

To the Consulting Engineer for Railways.
.. Examiner, Guaranteed Railway Accounts.
Editors' Table.

Exd. C. A. Munisawmf.
Spare Copies

RAILWAY.

Govt. of {1893} Madras.
PUBLIC WORKS.

Dated May, 6th.

Recd.

Encl.

G.O., 6th May 1893, No. 824 R.

MAY.

Madras Railway

The final issue of the revised estimate and budget estimate for 1892-93 and 1893-94 respectively of the —, ordered to be forwarded to the Government of India.

FINAL ISSUE.

BUDGET ESTIMATE

OF THE

MADRAS RAILWAY

FOR THE YEAR

1893-94.

REVENUE ACCOUNT.

CAPITAL ACCOUNT.

ABSTRACT OF ESTIMATED CASH EXPENDITURE IN INDIA ON THE MADRAS RAILWAY FOR THE official year 1893-94.

Particulars.	Actuals for 1891-92.	Budget estimate for 1892-93.	Revised estimate for 1892-93.	Budget estimate for 1893-94.
CAPITAL OUTLAY.				
<i>Engineering Department.</i>				
Sanctioned works as per schedule A ...		2,90,078	2,73,387	27,853
Works to be sanctioned do. B ...		4,22,512	...	2,78,677
<i>Locomotive Department.</i>				
Sanctioned works as per schedule A ...	4,67,017	...	...	5,400
Works to be sanctioned do. B ...	...	8,400	...	...
<i>Carriage and Wagon Department.</i>				
Sanctioned works as per schedule A ...	...	3,310	9,916	3,435
Works to be sanctioned do. B ...	...	11,700	...	4,422
<i>General.</i>				
Establishment chargeable to Capital as per general estimate of establishment D	...	...	...	...
Stores as per schedule E ...	15,50,553	15,58,900	13,61,697	15,14,813
Miscellaneous ...	4,920	5,000	5,000	5,000
Total ...	20,21,620	23,00,000	16,50,000	19,00,000
Add increase in balance of Capital Advance Account ...	58,497	...	...	...
Total Withdrawals on Capital Account ...	20,40,117	23,00,000	16,50,000	19,00,000
<i>Receipts to be credited to Capital Account.</i>				
Share capital paid in India ...	...	...	...	...
Refunds on account of stores sold to Revenue and others ...	20,00,731	18,00,000	19,00,000	20,00,000
Refunds of receipts from Revenue for work done ...	...	...	...	...
Other refunds—	...	...	...	...
Home expenditure, &c. ...	3,25,908	3,50,000	2,75,000	3,50,000
Total payments in treasury on Capital Account.	23,26,639	21,50,000	21,75,000	23,50,000
Net Cash Demand of the year on Capital Account.	2,46,522	1,50,000	5,25,000	4,50,000
ENGLAND.				
<i>Purchase of Stores.</i>				
Indents to be sent home during the year	...	13,34,403	5,80,000	10,90,123
Previous indents to be complied with ...	...	1,65,588	6,41,000	6,22,000
Total ...	...	14,99,991	12,21,000	17,12,123
Deduct for indents estimated to be complied with in the following year ...	...	5,36,988	6,22,000	3,47,123
Total Outlay for Stores ...	13,99,028	9,63,000	5,99,000	13,65,000
<i>Home Expenditure and Payments.</i>				
Home expenditure ...	...	...	...	...
Furlough and sick leave allowances ...	1,25,622	70,000	70,000	70,000
Family and sundry payments less receipts ...	...	30,000	25,000	30,000
...	...	50,000	38,000	40,000
Total Home Expenditure and Payments ...	1,25,622	1,50,000	1,30,000	1,40,000
Total, Cash Demand in England ...	15,24,648	11,13,000	7,29,000	15,05,000

ABSTRACT OF ESTIMATED REVENUE RECEIPTS AND EXPENDITURE OF THE MADRAS RAILWAY for the official year 1893-94.

Particulars.	Actuals for 1891-92.	Budget Estimate for 1892-93.	Revised Estimate for 1892-93.	Budget Estimate for 1893-94.
RECEIPTS AS PER SCHEDULE F.				
Coaching traffic ...	36,13,794	38,00,000	38,60,000	38,60,000
Goods do. ...	56,48,989	56,20,000	57,10,000	57,10,000
Electric Telegraph Earnings ...	20,129	20,000	20,000	20,000
Sundries ...	1,72,651	1,60,000	1,60,000	1,60,000
Total (1) ...	94,55,563	96,00,000	97,50,000	97,50,000
Receipts on account of traffic appertaining to other lines ...	8,54,042	8,00,000	8,50,000	9,00,000
Receipts from Capital Account other than traffic earnings ...	...	...	...	...
Receipts from foreign lines other than traffic earnings ...	...	...	...	...
Other abnormal receipts in detail or as per schedule attached ...	...	...	...	...
Total Payments into Treasury on Revenue Account (2) ...	1,03,09,605	1,04,00,000	1,06,00,000	1,06,50,000
EXPENDITURE AS PER SCHEDULE G.				
Maintenance of way, works and stations ...	13,42,605	13,25,000	15,10,000	14,50,000
Locomotive expenses ...	21,39,469	19,49,700	19,30,000	19,50,000
Carriage and wagon expenses ...	4,83,052	6,37,500	4,85,000	5,00,000
Traffic expenses ...	8,64,057	8,40,000	8,40,000	8,40,000
General charges ...	5,54,144	5,97,800	5,34,000	5,52,000
Special and miscellaneous expenditure ...	1,07,283	50,000	1,01,000	1,08,000
Total (3) ...	54,89,415	54,00,000	54,00,000	54,00,000
Payments to other lines for their proportion of through traffic, &c. ...	8,41,078	8,00,000	8,50,000	9,00,000
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) ...	63,30,493	62,00,000	62,50,000	63,00,000
Net earnings (1) — (3) ...	39,66,148	42,00,000	43,50,000	43,50,000
Net receipts (2) — (4) ...	39,79,112	42,00,000	43,50,000	43,50,000
Surplus profits ...	...	...	...	...

SCHEDULE A OR CONSTRUCTION
BUDGET ESTIMATE OF SANCTIONED WORKS of the

Number of items.	SANCTIONS.		Particulars.	AMOUNT OF ESTIMATE.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT.	Rs.	Rs.	Rs.
			<i>Bridge Work.</i>			
1	G.O., No. 773 R.	18th Oct. 1896.	New bridge over the Pápaghai river .. Strengthening existing girders and raising new girders, &c., Chayár bridge .. Strengthening the weak girders of the Booga bridge in the 163rd mile, North-west line .. Substituting stronger girders and new type of permanent-way for those at present on the Thootha bridge, South-west line.	4,21,200	8,65,852	9,87,142
2	G.O., No. 932 R.	13th Dec. "				
3	G.O., No. 2601.	4th Nov. 1892.		25,761	79,264	1,05,025
3A	G.O., No. 2643 R.	7th " "				
	C.E. No. 1005.	16th " "		7,063	18,574	25,637
	G.O., No. 14 R.	9th Jan. 1893.		8,686	45,614	51,300
			STATIONS AND BUILDINGS.			
			<i>Perambár.</i>			
4	M.O.M. ..	24th Feb. "	Alteration to level-crossing at Perambár ..			
5	G.O., No. 1337 R.	26th May 1892.		17,121	1,342	18,463
	G.O., No. 907 R.	16th April 1891.	Alterations and additions to Perambár station ..	8,615	1,989	10,604
			<i>Perambár Works.</i>			
6	G.O., No. 2153 R.	18th Sept. "	Bungalow for Assistant Locomotive Superintendent at Perambár Works ..	6,812	4,164	11,006
7	G.O., No. 2939 R.	6th Dec. "	Four sheds at west end of Perambár Works ..	4,094	7,271	11,365
			<i>Connur.</i>			
8	G.O., No. 2068 R.	26th Aug. 1892.	Relief siding at Connur ..	2,872	3,693	6,565
			<i>Manur.</i>			
8A	G.O., No. 133 R.	20th Jan. 1893.	Platform at Manur ..	2,731	1,335	5,066
			<i>Arkonam.</i>			
9	M.O.M. ..	30th " "	Alterations of siding, &c., at Arkonam ..			
10	G.O., No. 1648 R.	17th July 1891.		13,840	6,179	20,019
	M.O.M. ..	30th Sept. 1892.	Assistant Traffic Manager's bungalow at Arkonam ..	6,119	1,690	7,799
			<i>Kátpádi.</i>			
11	M.O.M. ..	30th June "	Junction arrangements at Kátpádi ..			
12	Do. ..	26th Aug. "		80,176	80,420	1,30,596
13	G.O., No. 2509 R.	3rd Nov. 1891.	Watering arrangements at Kátpádi ..	7,342	2,453	10,795
	M.O.M. ..	26th Feb. 1892.	Double bungalow for engine-drivers at Kátpádi ..	3,940	1,270	5,210
			<i>Bangalore City.</i>			
14	G.O., No. 2821 R.	23rd Nov. "	Extension of goods-shed and loading bank at Bangalore City ..			
15	C.E. No. 1055.	2nd Dec. "		4,327	6,099	10,426
	G.O., No. 2427 R.	12th Oct. "	Houses for the traffic subordinates (Sandalakote buildings) at Bangalore City ..	11,692	776	12,467
			<i>Godupalli.</i>			
16	G.O., No. 1841 R.	10th Aug. 1891.	Platform and through siding for crossing station at Godupalli ..	3,800	6,500	10,300
			<i>Mullanur.</i>			
17	G.O., No. 1496 R.	30th June "	Two additional lay-bye at Mullanur ..	3,194	8,347	8,541
			<i>Jalárpét.</i>			
18	G.O., No. 2374 R.	6th Oct. 1892.	Watering arrangements at Jalárpét ..			
19	G.O., No. 2991 R.	12th Dec. "		1,504	8,161	9,666
	C.E. No. 1098.	14th " "	Third line goods-shed lay-bye, goods godown and loading bank at Jalárpét.	7,161	7,698	14,847
			<i>Kallavi.</i>			
20	G.O., No. 1191 R.	7th May "	Through siding at Kallavi ..			
	M.O.M. ..	24th Feb. 1893.		2,762	8,362	8,124

WORKS—PART I.

MADRAS RAILWAY for the official year 1893-94.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
1,81,054	8,84,026	7,65,080	42,016	29,910	71,926	..	..	..	..	1
..	..	..	5,761	9,264	15,025	20,000	70,000	90,000	..	2
..	..	..	2,000	8,000	10,000	8,083	10,574	15,657	..	3
..	..	..	..	..	..	8,986	45,614	51,300	..	3A
..	..	..	..	..	..	..	..	..	..	4
12	84	96	17,105	1,268	18,363	..	..	..	..	5
8,292	1,985	10,277	48	..	48	..	..	..	..	6
..	1,264	1,264	1,800	2,600	4,400	6,042	300	6,342	..	7
2,641	6,690	9,231	1,453	680	2,133	..	..	..	..	8
..	..	..	2,300	2,693	4,993	572	1,000	1,572	..	9
..	..	..	3,548	1,200	4,748	183	136	319	..	9A
..	..	..	..	..	..	..	..	..	..	10
8,935	978	9,913	4,206	5,201	10,106	..	..	..	..	11
872	865	1,637	6,277	1,016	6,262	..	..	..	..	12
74,658	60,737	1,25,395	6,081	..	6,081	..	..	..	..	13
324	1,441	1,765	7,018	2,012	9,030	..	..	..	..	14
3,908	1,269	5,177	6	..	6	..	..	..	..	15
1,803	6,971	7,774	2,524	128	2,652	..	..	..	..	16
..	..	..	11,000	600	11,600	692	178	867	..	17
3,765	4,124	7,889	36	1,482	1,517	..	..	..	..	18
1,106	2,974	4,079	921	900	1,911	..	..	..	..	19
..	..	..	1,200	6,000	7,200	305	2,161	2,466	..	20
..	..	..	..	..	..	7,151	7,696	14,847	..	21
..	..	..	3,289	5,835	9,124	..	..	..	..	22

Budget Estimate of Sanctioned Works of the

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.
21	M.O.M. ..	26th Feb. 1892.	Salem.			
22	Do. ..	25th Aug. "	Watering arrangements at Salem ..	2,619	22,113	24,732
	Do. ..	28th July "	Extension of goods-shed, &c., at Salem ..	2,645	6,556	7,202
			Singdallur.			
23	G.O., No. 1169 R ..	11th Aug. 1890.	Station-house, &c., at Singdallur ..	5,491	5,461	10,952
	M.O.M. ..	25th " 1892.	Podanur.			
24	G.O., No. 2283 R ..	14th Oct. 1891.	Alteration and additions of sidings ..	4,804	5,183	9,987
25	G.O., No. 2165 R ..	7th Sept. 1892.	Alteration and addition of sidings at Podanur ..	755	4,764	5,519
26	G.O., No. 652 R ..	11th Mar. "	Travellers' bungalow with out-house and land at Podanur ..	6,001		6,001
			Mettupalaiyam.			
27	G.O., No. 2678 R ..	11th Nov. "	Alterations and additions in connection with the junction of the Nilgiri Railway with the Madras Railway at Mettupalaiyam ..	14,972	7,791	22,763
	C.E. No. 3062 ..	6th Dec. "	Olaavad.			
28	M.O.M. ..	30th Jan. 1893.	Sidings, &c., at Olaavad ..	4,402	6,002	10,404
	C.E., No. 735 ..	14th Aug. 1891.	Palghat.			
	G.O., No. 1791 R ..	6th " "	Timber loading bank and siding at Palghat ..	2,737	3,279	6,016
29	C.E. No. 1002 ..	5th Nov. 1890.	Ferik.			
30	G.O. No. 1901 R ..	6th Aug. 1892.	Third line and godowns at Ferik ..	3,906	4,394	8,300
			Coimbatore.			
30A	G.O. No. 500 R ..	8th March 1893.	Extension of goods-shed, &c., at Coimbatore ..	4,273	865	5,138
			Rénigante.			
31	G.O., No. 1792 R ..	6th Aug. 1891.	Extension of engine-shed at Rénigante ..	8,633	8,701	17,334
			Krishnapuram.			
32	G.O., No. 1191 R ..	7th May 1892.	Through siding at Krishnapuram ..	5,367	6,353	11,720
			Gooty.			
33	M.O.M. ..	28th July 1892.	Double bungalow for family guards at Gooty ..	4,322	965	5,287
34	M.O.M. ..	28th " "	Double bungalow for engine-drivers at Gooty ..	5,283	1,291	6,574
			Guntakal.			
35	M.O.M. ..	25th Aug. "	Loading bank and goods godown at Guntakal ..	5,334	710	6,044
			Raichur.			
36	G.O., No. 918 R ..	8th April "	Transshipping shed at Raichur ..	8,457	10,831	19,288
			Miscellaneous.			
37	G.O., No. 2073 R ..	9th Sept. 1891.	Distant signals, South-west and North-west lines ..	8,747	34,993	43,740
38	G.O., No. 1900 R ..	6th Aug. 1892.	Buildings consequent on the introduction of block system between Arkadam and Madras ..	8,295	10,438	18,733
			Electric Telegraph.			
39	G.O., No. 798 R ..	25th July 1889.	Revised estimate for the extension of the block system and the introduction of starting home-bore signals, &c., South-west and North-west lines including additional stations ..	64,943	1,01,818	1,66,761
40	G.O., No. 111 R ..	1st Feb. "	Single needle instruments, batteries, &c., for trial or additional stations ..	8,122	8,689	7,710

Madras Railway for the official year 1893-94—cont.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
2,268	21,922	24,190	231	191	422	..	..	..	..	31
2,510	4,558	7,068	104	..	104	..	..	..	..	22
8,202	8,457	16,659	293	..	293	..	..	..	..	23
1,577	761	2,338	2,091	4,077	7,768	..	..	..	..	24
..	..	..	600	4,000	4,600	155	764	919	..	25
..	..	..	8,001	..	8,001	..	..	..	..	26
..	..	..	..	..	..	14,972	7,791	22,763	..	27
101	130	231	3,862	6,378	10,240	..	..	..	..	28
1,477	1,592	3,069	1,360	1,687	2,947	..	..	..	..	29
..	..	..	2,500	4,000	7,500	405	394	799	..	30
..	..	..	4,268	837	5,105	7	28	35	..	30A
2,456	7,998	10,454	4,777	703	5,480	..	..	..	..	31
..	..	..	6,367	6,353	12,720	..	..	..	..	32
3,946	765	4,701	386	210	596	..	..	..	..	33
4,194	1,105	5,299	1,089	186	1,275	..	..	..	..	34
4,683	710	5,393	850	1	851	..	..	..	..	35
..	..	..	21,924	3,000	24,924	1,500	102	1,602	..	36
638	7,929	8,467	8,202	25,064	33,273	..	..	..	..	37
6,408	9,872	16,060	989	415	1,404	..	..	..	..	38
64,322	90,611	1,45,003	5,667	6,081	11,768	4,864	5,126	9,990	..	39
629	1,365	1,994	908	444	1,352	2,555	1,879	4,464	..	40

Budget Estimate of Minor Works of the

Number of items	SANCTIONS.		Particulars.	AMOUNT OF ESTIMATE.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			STATIONS AND BUILDINGS—cont. Electric Telegraph—cont.	RS.	RS.	RS.
41	G.O., No. 2286 R.	14th Oct. 1891.	Introduction of block system between Madras and Arkonam Sanctioned Minor Works as per Schedule C	2,873 1,02,670	2,392 1,02,362	5,265 2,05,032
			Total, Engineering Department ...	9,29,661	11,82,897	21,12,558
			LOCOMOTIVE DEPARTMENT.			
1	G.O., No. 2057 R. C.E. No. 784 ..	23rd Aug. 1892. 10th Sept. "	Eight engines and tenders	5,800	2,83,960	2,39,760
			CARRIAGE AND WAGON DEPARTMENT.			
1	G.O., No. 2429 R.	12th Oct. 1892.	One composite carriage	2,211	4,642	6,853
2	M.O.M., No. 4.	26th April ..	Six brake-vans	3,720	17,280	21,000
2	G.O., No. 2218 R.	13th Sept. "	Six covered goods wagons proportion chargeable to Capital	687	6,727	7,414
4	G.O., No. 1334 R.	26th May ..	Four tank wagons for carrying kerosene oil	1,640	8,560	8,200
			Furnishing additional screw couplings to vehicles.			
5	G.O., No. 1616 R.	17th Oct. 1890.	Three thousand two hundred and thirty screw couplings	15,378	23,394	38,760
6	G.O., No. 1615 R.	17th .. "	One thousand two hundred centre chains.	1,050	6,900	7,950
			Sanctioned Minor Works as per Schedule C	125	6,543	6,668
			Total, Carriage and Wagon Department	21,609	70,038	91,646
			Total, Schedule A. ..	9,60,270	14,86,893	24,47,163

SCHEDULE B OR CONSTRUCTION
BUDGET ESTIMATE OF UNSANCTIONED WORKS OF THE

Number of items.	SANCTIONS.		Particulars.	AMOUNT OF ESTIMATE.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT.	RS.	RS.	RS.
			Bridge Work.			
1	..	..	Protective works at 295th mile, South-west line.	14,777	..	14,777
			STATIONS AND BUILDINGS.			
			Kayapuram.			
2	..	..	Sheds for export and import traffic at Kayapuram	16,666	8,334	25,000
			Vayampalayam.			
3	..	..	Houses for signallers and pointmen at Vayampalayam	8,000	1,968	6,936
			Connor.			
4	..	..	Sorting sidings at Connor	2,388	4,599	6,987
			Arkonam.			
5	..	..	New tank house at Arkonam	881	5,788	6,669

Madras Railway for the official year 1893-94—cont.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
635	2,061	2,696	1,373	..	1,373	865	331	1,196	..	41
17,777	22,025	39,802	81,663	72,116	1,63,679	17,786	14,798	32,584	..	
2,98,162	8,41,657	12,37,819	2,73,387	2,18,611	4,91,998	87,853	1,68,868	2,56,721	..	
..	..	..	..	..	..	5,800	2,33,960	2,39,760	..	1
1,246	2,646	3,791	985	2,097	3,082	..	..	..	..	1
..	..	..	3,720	17,280	21,000	..	..	..	..	2
..	..	..	687	6,727	7,414	..	..	..	..	3
..	..	..	1,638	6,353	7,991	..	..	..	..	4
3,100	4,700	7,800	2,698	4,700	7,398	3,100	4,700	7,800	15,764	5
210	1,380	1,590	210	1,380	1,590	210	1,380	1,590	3,180	
..	..	..	..	..	..	125	4,543	4,668	..	
4,556	8,625	13,181	9,916	38,587	48,453	2,436	10,623	14,058	18,944	
4,00,718	8,50,282	12,51,000	2,63,303	2,57,148	5,40,451	97,088	4,13,461	5,10,539	18,944	

WORKS—PART II.

MADRAS RAILWAY for the official year 1893-94.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
..	..	..	..	..	..	14,777	..	14,777	..	1
..	..	..	..	..	..	..	..	..	25,000	2
..	..	..	..	..	..	..	..	..	6,986	3
..	..	..	..	..	..	2,388	4,599	6,987	..	4
..	..	..	..	..	..	881	5,788	6,669	..	5

Budget Estimate of Unsanctioned Works of the

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.
6	..	..	Jaldapet.			
7	..	..	Alteration and addition to station-house at Jaldapet	10,988	7,815	18,603
8	..	..	Twenty houses for native firemen at Jaldapet	5,440	1,160	6,600
9	..	..	Kolar Road.			
10	..	..	Further alterations and additions to station-house at Kolar Road	3,541	10,010	13,551
11	..	..	Bangalore City.			
12	..	..	Thirty houses for subordinate staff at Bangalore City	6,630	1,920	8,550
13	..	..	Carnage shed at Bangalore City	4,261	2,148	6,409
14	..	..	Alteration and additions to platform, station-house yard, &c., at Bangalore City	89,828	66,429	1,47,397
15	..	..	Pidapur.			
16	..	..	Two double-blocks of bungalows for European and Eurasian drivers at Pidapur	7,962	2,458	10,420
17	..	..	Palghat.			
18	..	..	Station house at Palghat	25,000	15,000	40,000
19	..	..	Calicut.			
20	..	..	Telegraph Inspector's bungalow and office at Calicut	4,627	872	5,499
21	..	..	Gooty.			
22	..	..	Two double-blocks of bungalows for European and Eurasian drivers at Gooty	10,284	2,493	12,784
23	..	..	Institute at Gooty	11,007	6,675	17,682
24	..	..	BALLAST AND PERMANENT-WAY.			
25	..	..	Laying new permanent-way over girder bridge	22,022	45,978	75,000
26	..	..	MISCELLANEOUS.			
27	..	..	Sheds, &c., required for the introduction of gas lights in trains	13,969	1,66,804	1,70,773
28	..	..	Four trial stations	6,814	1,809	8,622
29	..	..	Four double bungalows for guards	11,660	3,352	15,012
30	..	..	Six houses for native stationmasters	3,606	1,638	5,244
31	..	..	Four platforms to be provided at trial stations	7,724	4,514	12,238
32	..	..	Twenty-five houses for subordinate staff	6,630	1,820	8,450
33	..	..	Two trial stations to be converted into fourth-class stations	9,048	6,374	15,422
34	..	..	ELECTRIC TELEGRAPH.			
35	..	..	Lighting of Arkham station and yard by electricity	6,133	17,813	23,946
36	..	..	Unsanctioned Minor Works as per Schedule C.	23,358	20,103	43,461
37	..	..	Total, Engineering Department	3,37,146	3,48,964	7,26,110
38	..	..	LOCOMOTIVE DEPARTMENT.			
39	..	..	Nil.			
40	..	..	CARRIAGE AND WAGON DEPARTMENT.			
41	..	..	Two composite carriages	4,422	9,284	13,706
42	..	..	Total, Schedule B	3,41,568	3,58,248	7,39,816

* The greater portion of this expenditure

Madras Railway for the official year 1893-94—cont.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
..	..	..	..	..	..	10,938	7,815	18,603	..	6
..	..	..	..	..	..	5,440	1,160	6,600	..	7
..	..	..	..	..	..	13,541	10,010	13,551	..	8
..	..	..	..	..	..	8,630	1,920	8,550	..	9
..	..	..	..	..	..	4,261	2,148	6,409	..	10
..	..	..	..	..	..	89,828	66,429	1,47,397	..	11
..	..	..	..	..	..	7,962	2,458	10,420	..	12
..	..	..	..	..	..	25,000	15,000	40,000	..	13
..	..	..	..	..	..	..	..	..	5,499	14
..	..	..	..	..	..	10,284	2,493	12,784	..	15
..	..	..	..	..	..	11,007	6,675	17,682	..	16
..	..	..	..	..	..	..	..	..	75,000	17
..	..	..	..	..	..	13,969	1,66,804	1,70,773	..	18
..	..	..	..	..	..	6,814	1,809	8,622	..	19
..	..	..	..	..	..	11,660	3,352	15,012	..	20
..	..	..	..	..	..	3,606	1,638	5,244	..	21
..	..	..	..	..	..	7,724	4,514	12,238	..	22
..	..	..	..	..	..	6,630	1,820	8,450	..	23
..	..	..	..	..	..	9,048	6,374	15,422	..	24
..	..	..	..	..	..	6,133	17,813	23,946	..	25
..	..	..	..	..	..	20,204	13,615	33,819	9,642	26
..	..	..	..	..	..	2,78,677	3,25,336	6,04,013	1,22,097	
..	..	..	..	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	..	..	
..	..	..	..	..	..	4,422	9,284	13,706	..	1
..	..	..	..	..	..	2,83,029	3,34,620	6,17,719	1,22,097	
..	..	..	..	..	..	..	..	..	..	

is debitable to the Locomotive Department.

SCHEDULE C OR CONSTRUCTION
Budget Estimate of Minor Works of the

Number of items	SANCTIONS.		Particulars.	AMOUNT OF ESTIMATE.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			SANCTIONED WORKS.	RS.	RS.	RS.
			ENGINEERING DEPARTMENT.			
			<i>Bridges.</i>			
1	C.E. No. 1026..	23rd Nov. 1892.	Strengthening bridge at 395th mile, South-west line			
2	G.O., No. 2493 E.	19th Oct. "	Strengthening weak girders over the Ral-lavonka bridge	2,112	2,583	4,695
				..	2,213	2,213
			STATIONS AND BUILDINGS.			
			<i>Ráyapuram.</i>			
3	C.E. No. 308 ..	22nd April 1892.	Extension of platform and alteration of sidings at Ráyapuram	978	772	1,750
4	C.E. No. 628 ..	3rd Aug. "	Thirty-ton weigh-bridge and siding at Ráyapuram	109	2,133	2,242
5	C.E. No. 830 ..	26th Sept. "	Alterations of sidings, &c., at Ráyapuram.	248	314	562
			<i>Central Station.</i>			
6	C.E. No. 146 ..	18th Feb. 1893.	Dispensary and apothecary's quarters at Central station	2,559	1,581	4,140
7	M.O.M. ..	25th Aug. 1892.	Grouping points Nos. 17 to 31 and 22 to 26 at Central station	268	987	1,255
8	C.E. No. 242 ..	25th Mar. "	Tank at Central station	163	2,369	2,532
9	C.E. No. 209 ..	6th Mar. 1893.	Extra piping and hydrants for washing carriages at Central station	163	2,346	2,499
10	C.E. No. 248 ..	17th " "	Steam pump at Central station	47	1,490	1,537
			<i>Salt Colours.</i>			
11	C.E. No. 966 ..	6th Oct. 1891.	Sidings, &c., for loading coal at Salt Colours	762	2,576	3,338
			<i>Perambur Works.</i>			
12	C.E. No. 927 ..	28th Sept. "	Additional stables, &c., for staff quarters at Perambur Works	1,211	272	1,483
13	C.E. No. 646 ..	9th Aug. 1892.	Paving with cement and fixing sky-lights in carriage shop at Perambur Works.	606	826	1,432
			<i>Connur.</i>			
14	M.O.M. ..	26th May "	Station-house, &c., at Connur ..	1,800	3,054	4,854
			<i>Avadi.</i>			
15	C.E. No. 332 ..	28th April "	Extension of platforms at Avadi	1,579	1,161	2,730
	M.O.M. ..	24th Mar. 1893.				
			<i>Tinnanur.</i>			
16	C.E. No. 332 ..	28th April 1892.	Extension of platforms at Tinnanur ..	1,225	907	2,132
			<i>Tiruvallur.</i>			
17	C.E. No. 1140..	21st Nov. 1891.	Overbridge at Tiruvallur ..	1,639	1,695	3,334
	M.O.M. ..	28th July 1892.				
			<i>Kadambattur.</i>			
18	C.E. No. 332 ..	28th April "	Extension of platform at Kadambattur ..	800	800	1,600
			<i>Manur.</i>			
19	C.E. No. 688 ..	23rd July "	Platform at Manur	1,583	1,335	2,918
			<i>Mosur.</i>			
20	C.E. No. 684 ..	17th Aug. "	Platform at Mosur	1,221	1,335	2,556
			<i>Arkonam.</i>			
21	C.E. No. 804 ..	28th July "	Guard's bungalow at Arkonam	2,869	979	3,848
22	C.E. No. 920 ..	25th Oct. "	Alterations and additions to signallers' bungalow at Arkonam ..	851	671	1,422
			<i>Katpadi.</i>			
23	C.E. No. 727 ..	29th Aug. 1892.	Double bungalow for signallers at Katpadi	1,998	861	2,859
24	C.E. No. 1042 ..	23rd Oct. 1891.	Five-ton crane and alteration of sidings at Katpadi	434	2,712	3,146
	M.O.M. ..	24th Mar. 1893.				

WORKS—PART III.

Madras Railway for the official year 1893-94.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
..	..	..	1,500	2,500	4,000	612	383	995	..	1
..	..	..	..	3,000	3,000	..	213	213	..	2
..	..	..	978	772	1,750	..	..	..	..	3
..	..	..	109	2,133	2,242	..	..	..	..	4
..	..	..	200	250	450	48	64	112	..	5
..	..	..	..	..	..	2,559	1,581	4,140	..	6
72	956	1,028	..	30	30	..	..	..	..	7
..	..	..	700	2,669	3,369	..	..	..	..	8
..	..	..	153	2,346	2,499	..	..	..	..	9
..	..	..	..	..	..	47	1,490	1,537	..	10
491	1,086	2,477	370	90	360	..	..	..	..	11
837	272	1,109	374	..	374	..	..	..	..	12
..	..	..	598	826	1,424	..	..	..	..	13
1,560	2,928	4,488	180	..	180	..	..	..	..	14
..	..	..	1,679	1,151	2,730	..	..	..	..	15
..	..	..	1,225	907	2,132	..	..	..	..	16
478	1,672	2,150	1,161	23	1,184	..	..	..	..	17
..	..	..	800	800	1,600	..	..	..	..	18
..	..	..	1,400	1,200	2,600	183	135	318	..	19
..	..	..	1,000	1,000	2,000	321	335	656	..	20
..	..	..	1,869	600	2,469	1,000	379	1,379	..	21
..	..	..	600	600	1,200	251	71	322	..	22
..	..	..	900	600	1,400	1,098	361	1,459	..	23
27	..	27	407	1,663	2,070	..	..	..	..	24

Budget Estimate of Minor Works of the

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.
25	C.E. No. 978 ..	8th Oct. 1891.	Goods-sheds lay-bye at Vaniyambadi ..	348	1,395	1,743
26	C.E. No. 1020 ..	19th Nov. 1892.	Goods-shed office at Bangalore City ..	825	347	1,172
27	C.E. No. 307 ..	22nd April ..	Well at Bangalore cantonment ..	1,728	658	2,386
28	C.E. No. 437 ..	4th June ..	Station-house at Devankundi ..	1,214	808	2,080
29	C.E. No. 332 ..	28th April ..	Extension of through siding at Malur ..	401	756	1,157
30	C.E. No. 569 ..	16th July ..	Extension of lay-bye at Kolar road ..	800	1,315	1,875
31	C.E. No. 233 ..	21st Mar. ..	Quarters for the traffic staff at Gudupalli.	1,772	641	2,413
32	C.E. No. 591 ..	25th July ..	Lay-bye at Gudupalli ..	346	1,464	1,809
33	C.E. No. 680 ..	31st July 1891.	Five houses for pointmen at Mullanur ..	1,339	331	1,670
34	C.E. No. 709 ..	7th Aug. ..	Double bungalow for family guards at Jalarpet ..	2,956	980	3,936
35	C.E. No. 896 ..	21st Sept. ..	Extension of transhipping shed at Jalarpet ..	796	3,218	4,014
36	C.E. No. 1028 ..	23rd Nov. 1892.	Semaphore signal and cabin for grouping points at Jalarpet ..	778	1,374	2,152
37	C.E. No. 144 ..	20th Feb. ..	Alteration of sidings at Jalarpet ..	117	1,045	1,162
38	C.E. No. 683 ..	17th Aug. ..	Shed for sheltering carriages at Jalarpet.	962	365	1,317
39	C.E. No. 728 ..	29th ..	Double bungalow for family guards at Jalarpet ..	2,890	988	3,878
40	C.E. No. 863 ..	28th Sept. ..	Additions to Assistant Traffic Manager's office at Jalarpet ..	893	663	1,456
41	C.E. No. 940 ..	31st Oct. ..	Stand pipes and piping at Jalarpet ..	432	1,234	1,666
42	C.E. No. 543 ..	19th June 1891.	Paving engine-shed at Salem ..	1,306	..	1,306
43	C.E. No. 200 ..	12th May 1892.	Santharidrug.	526	1,470	2,006
	M.O.M. ..	24th Feb. 1893.	Wall at 230/5 miles near Santharidrug.	..	..	..
44	C.E. No. 199 ..	11th Mar. 1892.	Erode.	2,548	710	3,258
45	C.E. No. 834 ..	26th Sept. ..	Running guards' bungalow at Erode ..	433	2,548	2,991
45-A	C.E. No. 224 ..	11th Mar. 1892.	Thirty-ton weigh-bridge and office, &c., at Erode ..	434	2,385	2,819
			Alteration and additions to sidings at Erode ..	..	..	..
46	C.E. No. 696 ..	19th Aug. 1892.	Viriamangalam.	1,873	178	2,051
			Goods godown and loading bank at Viriamangalam ..	..	..	..
47	C.E. No. 332 ..	28th April ..	Tirupur.	806	1,651	2,057
			Extension of through siding at Tirupur.	..	..	..
48	C.E. No. 686 ..	17th Aug. 1892.	Podanur.	2,777	1,187	3,964
49	C.E. No. 615 ..	1st ..	Assistant Traffic Manager's office at Podanur ..	2,899	978	3,877
50	M.O.M. ..	25th ..	Guards' bungalow at Podanur ..	2,946	987	3,933
			Double bungalow for family guards at Podanur ..	..	..	..
51	C.E. No. 460 ..	16th June 1892.	Olavakód.	1,044	235	1,279
52	C.E. No. 660 ..	11th Aug. ..	Alterations and additions to signaller's bungalow at Olavakód ..	781	2,961	3,742
			Alterations and additions of sidings at Olavakód ..	..	..	..

Madras Railway for the official year 1893-94—cont.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
142	918	1,060	16	..	16	..	..	..	..	25
..	..	..	600	250	850	225	97	322	..	26
..	..	..	1,371	93	1,464	..	..	..	..	27
357	465	822	..	..	..	..	..	..	..	28
1,212	859	2,071	1	..	1	..	..	..	..	29
..	..	..	401	756	1,157	..	..	..	..	30
..	..	..	660	1,315	1,875	..	..	..	..	31
..	..	..	1,774	641	2,415	..	..	..	..	32
..	..	..	845	1,464	1,809	..	..	..	..	33
466	248	714	703	..	703	..	..	..	..	34
1,310	642	1,952	1,646	339	1,984	..	..	..	..	35
710	2,178	3,888	66	23	89	..	..	..	..	36
97	539	636	681	835	1,516	..	..	..	..	37
..	466	466	117	402	619	..	..	..	..	38
..	..	..	900	300	1,200	..	..	..	..	39
..	..	..	1,800	600	2,400	1,090	388	1,478	..	40
..	..	..	700	400	1,100	193	163	356	..	41
..	..	..	400	900	1,300	32	334	366	..	42
1,156	..	1,156	25	..	25	..	..	..	..	43
64	87	151	473	1,392	1,865	..	..	..	..	44
..	38	38	2,538	603	3,039	..	..	..	..	45
..	..	..	400	2,500	2,900	33	88	91	..	45-A
..	..	..	..	..	..	434	2,385	2,819	..	46
..	..	..	1,600	150	1,650	373	28	401	..	47
..	..	..	608	1,651	2,057	..	..	..	..	48
..	..	..	3,000	1,000	4,000	777	187	964	..	49
..	..	..	2,399	700	3,099	600	278	778	..	50
2,341	937	3,278	146	50	196	..	..	..	..	51
..	..	..	1,044	235	1,279	..	..	..	..	52
..	..	..	700	2,500	3,200	81	461	542	..	53

Budget Estimate of Minor Works of the

Number of items.	SANCTIONS.		Particulars.	AMOUNT OF ESTIMATE.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
STATIONS AND BUILDINGS—cont.						
			Palghat.	Rs.	Rs.	Rs.
53	C.E. No. 243 ..	19th Mar. 1891.	Station-master's bungalow at Palghat ..	1,941	751	2,692
54	G.O., No. 917 R.	8th April 1892.	Goods-shed and extension of sidings at Palghat ..	747	1,339	2,085
55	C.E. No. 461 ..	15th June ..	Thirty-ton weigh-bridge, &c., at Palghat.	920	2,873	4,793
56	C.E. No. 592 ..	25th July ..	Diversion of road, &c., at Palghat ..	1,082	..	1,082
Mankarai.						
57	C.E. No. 469 ..	18th June ..	Station-house at Mankarai ..	1,538	452	1,990
58	C.E. No. 900 ..	22nd Sept. 1891.	Platform at Mankarai ..	1,185	1,674	2,859
Ottappalam.						
59	C.E. No. 987 ..	6th Oct. ..	Extra water column at west end of platform at Ottappalam ..	360	1,498	1,858
Edakkholam.						
60	C.E. No. 688 ..	17th Aug. 1892.	Station-house at Edakkholam ..	1,229	827	2,056
Parpanangadi.						
61	C.E. No. 462 ..	16th June ..	Goods-shed, &c., at Parpanangadi ..	2,116	626	2,742
Feroke.						
62	C.E. No. 215 ..	10th Apr. 1892.	Alteration of sidings at Feroke ..	787	827	1,614
63	M.O.M.	28th July 1892.	Road goods room at Feroke ..	1,250	1,036	2,286
Kallai.						
64	M.O.M.	28th July ..	Sidings and turn-table at Kallai ..	1,010	1,271	2,281
65	C.E. No. 220 ..	17th Mar. ..	Works required by the Traffic Department at Kallai ..	620	429	1,129
	M.O.M.	30th Sept. ..				
Coimbatore.						
66	C.E. No. 480 ..	22nd June ..	Extension of goods-shed, &c., at Coimbatore ..	2,250	865	4,115
Tudiyalūr.						
67	C.E. No. 332 ..	28th April ..	Extension of through siding at Tudiyalūr.	971	1,378	2,349
Karamadai.						
68	C.E. No. 332 ..	28th April ..	Extension of through siding at Karamadai ..	1,302	1,402	2,704
Vepagunta.						
69	C.E. No. 605 ..	8th July 1891.	Platform and lay-bye at Vepagunta ..	1,372	3,036	4,408
Pédi.						
70	C.E. No. 339 ..	28th April ..	Extension of platform, &c., at Pédi ..	826	829	995
Rénigunta.						
71	C.E. No. 1193 ..	6th Dec. ..	Nine huts for scavengers at Rénigunta.	1,518	394	1,912
72	M.O.M.	20th Sept. 1892.	Double guards' bungalow at Rénigunta.	1,949	886	2,835
73	G.O., No. 1856 R.	21st June ..	One block of four bungalows for Europeans and Eurasian firemen at Rénigunta ..	2,094	1,411	4,505
74	C.E. No. 831 ..	26th Sept. ..	Six houses for subordinate staff at Rénigunta ..	848	430	1,278
Kódúr.						
75	C.E. No. 332 ..	28th April ..	Extension of platform, &c., at Kódúr ..	153	224	377
Rájampet.						
76	C.E. No. 343 ..	3rd May ..	Extension of platform and through sidings at Rájampet ..	796	1,388	2,184
77	C.E. No. 868 ..	6th Oct. ..	Six houses for subordinate staff at Rájampet ..	843	428	1,271
Nandalūr.						
78	C.E. No. 342 ..	3rd May ..	Extension of platform, &c., at Nandalūr.	330	354	684

Madras Railway for the official year 1893-94—cont.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
892	588	1,480	783	12	795	..	..	..	..	53
..	..	..	600	900	1,500	147	438	585	..	54
..	..	..	920	3,873	4,793	..	..	..	..	55
..	..	..	700	..	700	392	..	392	..	56
..	..	..	1,438	452	1,990	..	..	..	..	57
876	991	1,867	114	..	118	..	..	..	..	58
..	..	..	..	..	..	..	..	..	..	59
214	313	527	48	626	744	..	..	..	..	60
..	..	..	1,000	600	1,600	229	227	456	..	61
..	..	..	2,116	596	2,712	..	..	..	..	62
..	..	..	..	..	..	787	827	1,614	..	63
934	909	1,903	102	66	158	..	..	..	..	64
..	..	..	..	..	..	..	..	..	..	65
536	1,077	1,613	475	177	652	..	..	..	..	66
..	6	6	689	421	1,110	..	..	..	..	67
..	..	..	3,250	865	4,115	..	..	..	..	68
..	..	..	172	1,091	1,263	..	..	..	..	69
..	..	..	1,001	1,374	2,375	..	..	..	..	70
540	630	1,170	832	2,406	3,238	..	..	..	..	71
..	..	..	698	399	995	..	..	..	..	72
36	137	173	1,482	65	1,547	..	..	..	..	73
..	..	..	1,500	400	1,900	449	186	635	..	74
..	..	..	1,594	1,000	2,594	1,500	411	1,911	..	75
..	..	..	700	300	1,000	148	130	278	..	76
..	..	..	..	186	186	..	..	..	..	77
..	..	..	796	1,388	2,184	..	..	..	..	78
..	..	..	800	350	1,150	43	78	121	..	79
..	..	..	413	271	684	..	..	..	..	80

Number of Memo.	Sanctions.		Particulars.	Amount of Estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
79	C.E. No. 342 ..	3rd May 1893.	STATIONS AND BUILDINGS—cont. Siddhavattam. Extension of platform and through siding at Siddhavattam	Rs.	Rs.	Rs.
80	M.O.M. C.E. No. 1193 ..	24th Mar. 1893. 5th Dec. 1891.	Cuddapah. Six huts for scavengers at Cuddapah ..	1,803	1,416	3,219
81	C.E. No. 868 ..	5th Oct. 1892.	Six houses for subordinate staff at Cuddapah	1,204	134	1,338
82	C.E. No. 687 ..	17th Aug. "	Gungayapally (Vallur). Station house at Gungayapally (Vallur).	812	430	1,242
83	M.O.M. ..	25th Aug. "	Terraguntla. Nine houses for pointmen at Yerraguntla	1,268	827	2,095
84	C.E. No. 145 ..	20th Feb. "	Tadpetri. Cross-over road at Tadpetri	2,227	373	2,600
85	C.E. No. 131 ..	19th Feb. "	Gooty. Wash out pit in carriage shop at Gooty.	839	2,412	3,251
86	C.E. No. 603 ..	28th July "	Block for four houses for native drivers at Gooty	615	945	1,560
87	C.E. No. 832 ..	26th Sept. "	Eight houses for native firmen at Gooty.	1,833	809	2,642
88	C.E. No. 28 ..	15th Jan. "	Rest-house with out-houses and land at Gooty	2,173	463	2,636
89	C.E. No. 695 ..	17th Aug. "	Molagavalli. Platform at Molagavalli	3,000	..	3,000
90	M.O.M. C.E. No. 332 ..	24th Mar. 1893. 28th April 1892.	Koogi. Extension of through siding at Koogi ..	1,666	624	2,290
91	C.E. No. 414 ..	28th May "	Raichur. Open shed over loading bank at Raichur.	440	1,063	1,503
92	C.E. No. 941 ..	31st Oct. "	New coal siding at Raichur	1,933	2,347	4,280
93	C.E. No. 947 ..	1st Nov. "	Enlargement of locomotive well at Raichur	1,317	1,441	2,758
94	C.E. No. 1089.	12th Dec. "	Extension of through siding at Raichur.	2,876	..	2,876
95	C.E. No. 870 ..	25th Sept. 1890.	Electric Telegraph. Fixing lightning conductors to the buildings at Hennigutta	683	2,150	2,833
			Total, Engineering Department, carried to schedule A	282	779	1,061
			LOCOMOTIVE DEPARTMENT. Nil.	1,02,679	1,02,362	2,05,039
1	C.E. No. 151 ..	20th Feb. 1893.	CARRIAGE AND WAGON DEPARTMENT. Fitting automatic vacuum brake gear to carriages (carried to schedule A)	125	4,543	4,668
			Total, sanctioned minor works ..	1,02,796	1,06,912	2,09,707
			UNSANCTIONED WORKS. ENGINEERING DEPARTMENT. Nil.			
			STATIONS AND BUILDINGS. Washermanpet. Larger waiting shed and booking office, &c., at Washermanpet	1,403	1,805	2,908

Madras Railway for the official year 1893-94—cont.

[illegible]

Budget Estimate of Minor Works of the

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.
2	..	..	<i>Sevvapet.</i>			
	..	..	Cross-over road at Sevvapet	69	1,347	1,406
3	..	..	<i>Arkonam.</i>			
	..	..	Water troughs at Arkonam	480	1,260	1,740
4	..	..	<i>Bangalore City.</i>			
5	..	..	Drainage at Bangalore City station ..	1,200	90	1,290
	..	..	Carriage Examiner's bungalow at Bangalore City	2,624	662	3,286
6	..	..	<i>Podanur.</i>			
	..	..	Third line, Nilgiri branch at Pólandr ..	1,281	3,693	4,974
7	..	..	<i>Shoranur.</i>			
	..	..	Third line at Shoranur	967	3,055	4,022
8	..	..	<i>Ferók.</i>			
	..	..	Two extra godowns for merchants at Ferók	1,654	685	2,339
9	..	..	<i>Rinigunta.</i>			
	..	..	Extension of transshipping shed at Rénigunta	764	1,928	2,712
10	..	..	Ten houses for native firemen at Rénigunta	2,720	580	3,300
11	..	..	<i>Guntakal.</i>			
	..	..	Quarters for two native signallers at Guntakal	2,736	701	3,437
12	..	..	<i>Raichur.</i>			
13	..	..	Removal of over bridge at Raichur ..	1,139	688	1,827
14	..	..	Additions to goods shed at Raichur ..	2,802	216	3,012
	..	..	Safety siding to prevent wagons from moving away on the Madras Railway line	1,352	2,087	3,439
			BALLAST AND PERMANENT-WAY.			
			<i>Nil.</i>			
			MISCELLANEOUS.			
15	..	..	Two loading banks to be provided at two stations	1,448		1,448
16	..	..	Over-bridge at Elephant gate crossing ..	709	1,612	2,321
			Total, Engineering Department carried to Schedule B ..	23,358	20,103	43,461
			LOCOMOTIVE DEPARTMENT.			
			<i>Nil.</i>			
			CARRIAGE AND WAGON DEPARTMENT.			
			<i>Nil.</i>			
			Total, Unsanctioned Minor Works ..	23,358	20,103	43,461

Madras Railway for the official year 1893-94—cont.

ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1891-92.			PROBABLE EXPENDITURE DURING 1892-93.			BUDGET ESTIMATE OF EXPENDITURE FOR OFFICIAL YEAR 1893-94.			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.	
..	..	..	..	..	..	59	1,347	1,406	..	2
..	..	..	..	..	..	480	1,260	1,740	..	3
..	..	..	..	..	..	1,200	90	1,290	..	4
..	..	..	..	..	..	2,624	662	3,286	..	5
..	..	..	..	..	..	1,281	3,693	4,974	..	6
..	..	..	..	..	..	..	..	..	4,022	7
..	..	..	..	..	..	1,654	685	2,339	..	8
..	..	..	..	..	..	..	..	..	2,712	9
..	..	..	..	..	..	2,720	580	3,300	..	10
..	..	..	..	..	..	2,736	701	3,437	..	11
..	..	..	..	..	..	1,139	688	1,827	..	12
..	..	..	..	..	..	2,802	216	3,012	..	13
..	..	..	..	..	..	1,352	2,087	3,439	..	14
..	..	..	..	..	..	1,448		1,448	..	15
..	..	..	..	..	..	709	1,612	2,321	..	16
..	..	..	..	..	..	20,204	13,615	33,819	9,643	
..	..	..	..	..	..	20,204	13,615	33,819	9,643	

SCHEDULE D OF CONSTRUCTION WORKS—PART IV.

BUDGET ESTIMATE of EMERGENT WORKS of the MADRAS RAILWAY for the official year 1893-94.—Nil.

SCHEDULE E.

BUDGET ESTIMATE of EXPENDITURE for PURCHASE of STORES for the MADRAS RAILWAY during 1893-94.

Details.		ACTUAL PURCHASES DURING 1891-92.		PROBABLE PURCHASES DURING 1892-93.		ESTIMATED PURCHASES DURING 1893-94.	
		Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
<i>In India.</i>			Rs.		Rs.		Rs.
Firewood	Tons.	87,445	4,24,826	80,000	4,00,000	85,000	4,26,000
Oil of sorts	..	..	1,37,044	..	1,43,600	..	1,43,000
Cotton, waste, &c. ..	lb.	76,807	7,295	60,000	8,000	60,000	8,000
Timber of all kinds ..	Tons.	..	1,86,313	..	1,88,350	..	1,78,400
Tallow, country	lb.	14,841	3,611	8,000	1,300	8,000	1,200
Coal, Indian	Tons.	21,111	3,00,202	22,000	3,13,800	22,000	3,14,000
Wooden sleepers	No.	2,777	17,136	..	20,000	..	20,000
Do. keys	..	..	12,823	..	13,000	..	13,000
Materials for tarpaulins ..	..	..	490	..	7,000	..	8,000
Manufacture of stores ..	..	..	1,19,878	..	1,22,000	..	1,20,000
Freight and landing charges ..	..	..	91,458	..	80,000	..	1,00,000
Pot sleepers cast in Perambur Works ..	..	..	..	..	8,000	..	8,000
Sundry stores	..	..	3,50,477	..	65,147	..	1,85,212
Total	..	..	16,60,653	..	13,81,697	..	15,14,812
<i>In England.</i>							
Coal, coke and patent fuel ..	Tons.	996	16,576	1,000	28,000	1,000	38,000
Brass and copper pipes, tubes, &c. ..	..	119	80,303	..	34,130	..	20,000
Iron and steel plates and bars ..	..	751	68,634	..	84,200	..	30,000
Materials for renewals of rolling-stock, chiefly iron works ..	..	..	71,821	..	6,540	..	30,000
Tyres, engines and carriages ..	Tons.	257	44,786	..	6,240	..	16,000
Machinery	..	..	10,814	..	8,960	..	2,000
Axles, crank	No.	37	20,183	16	9,450	30	19,000
Do. carriages	..	400	26,785	..	..	200	10,000
Locomotives	..	..	..	..	..	10	2,89,200
Iron under frames for carriages ..	..	..	35,372	..	..	..	..
Plant for making gas and fittings for lighting ..	..	..	..	..	..	..	1,85,304
Automatic vacuum brake fittings ..	..	..	..	..	..	..	2,900
Permanent-way materials ..	Tons.	8,145	4,73,344	..	2,00,000	..	3,80,000
(Birders and iron cylinders ..	..	..	3,86,756	..	1,00,000	..	20,000
Telegraph stores	..	..	9,707	..	..	..	12,000
Materials for tarpaulins	..	..	76,602	..	3,000	..	2,000
Sundry stores	..	..	87,444	..	1,61,380	..	3,71,598
Total	..	..	13,99,026	..	6,99,000	..	13,65,000
Total, Schedule E. ..	..	..	29,49,679	..	19,80,697	..	28,79,810

MEMORANDUM.

	RS.
Actual balance of stores in hand, 1st April 1892	32,75,870
Estimated purchases during 1892-93 as above	19,60,697
Total	52,36,567
Estimated issues during 1892-93	21,57,148
Estimated balances on 1st April 1893	30,79,419
Estimated purchases during 1893-94	28,79,813
Total	59,59,232
Estimated issues during 1893-94	27,48,071
Estimated balance on 1st April 1894	32,11,161

ENGLISH TRANSACTIONS.

	Budget estimate, 1892-94.
Indents to be sent Home during year	10,90,123
Add for indents of previous year expected to be complied with in official year	6,22,000
Add English establishment charges	1,40,000
Total	18,52,123
Deduct amount of orders not expected to be complied with until next year	3,47,123
Net Capital cash transactions in England	15,05,000

SCHEDULE F.

ESTIMATE OF TRAFFIC RECEIPTS OF THE MADRAS RAILWAY, 1893-94.

Number of miles open for traffic on 1st April 1892	840
Expected to be opened during 1892-93	..
Total on 1st April 1893	840
Expected to be opened during 1893-94	840
Total likely to be opened at end of 1893-94	840
Average number of miles expected to be opened during the whole of 1893-94	840

	Actuals in 1891-92.	Sanctioned budget estimate, 1892-93.	Revised estimate, 1892-93.	Budget estimate 1893-94.
	RS.	RS.	RS.	RS.
Coaching traffic	36,13,794	38,00,000	38,60,000	38,60,000
Goods do.	56,48,989	58,20,000	57,10,000	57,10,000
Electric telegraph	20,129	20,000	20,000	20,000
Sundries	1,72,651	1,60,000	1,60,000	1,60,000
Total	94,55,563	96,00,000	97,50,000	97,50,000
Train mileage	25,38,905	25,10,000	24,71,000	24,72,000

SCHEDULE G.

ESTIMATE OF REVENUE EXPENDITURE ON THE MADRAS RAILWAY FOR THE OFFICIAL YEAR 1893-94.

	Actuals in 1891-92.	Sanctioned budget estimate, 1892-93.	Revised estimate, 1892-93.	Budget estimate, 1893-94.
<i>Maintenance of Way, Works and Stations.</i>				
1. General superintendence ...	Rs.	Rs.	Rs.	Rs.
2. Maintenance and renewal of permanent-way.	2,54,784	2,60,000	2,60,000	2,60,000
3. Repairs of bridges, &c., wages and materials.	6,25,018	6,25,000	6,83,000	7,00,000
3-A Conservancy of rivers ...	2,23,005	2,20,000	2,78,000	2,00,000
4. Repairs of stations and buildings, wages and materials ...	...	...	...	...
5. Maintenance by contract ...	1,79,798	1,60,000	1,84,000	1,80,000
6. New minor works ...	24,240	20,000	20,000	20,000
7. Unclassified expenditure ...	1,75,874	1,40,000	2,05,000	2,10,000
Total ...	14,82,719	14,45,000	16,30,000	15,70,000
Deduct value of stores returned to stock ...	Rs. 1,40,069			
Sum chargeable to Fire Insurance Fund ...	25			
Total ...	1,40,114	1,20,000	1,20,000	1,20,000
Total ...	13,42,605	13,25,000	15,10,000	14,50,000
<i>Locomotive Expenses.</i>				
1. General superintendence ...	1,17,354	1,10,000	1,08,300	1,10,000
2. Running expenses (wages connected with the working of locomotive engines)	3,63,497	3,60,000	3,69,000	3,70,000
3. Fuel ...	7,16,113	7,20,000	7,06,200	7,10,000
4. Water (including wages and stores) (expended on engines in work)	27,794	26,000	29,000	26,000
5. Oil, tallow and other stores	43,494	45,000	44,000	45,000
6. Maintenance and renewals of locomotive engines ...	5,92,485	4,51,000	4,40,000	4,40,000
6-A Do. do. machinery, tools and plant ...	95,483	85,200	99,000	1,00,000
7. New minor works ...	...	2,500	2,500	2,500
8. Payments to other lines ...	1,83,049	1,50,000	1,32,000	1,46,500
9. Unclassified expenditure ...	...	...	...	...
Total ...	21,39,269	19,43,700	19,30,000	19,50,000
<i>Carriage and Wagon Expenses.</i>				
1. General superintendence ...	31,026	40,000	36,000	38,000
2. Repairs and renewals of vehicles ...	3,01,657	4,00,000	2,53,500	2,76,600
2-A Do. do. machinery, tools and plant ...	57,890	65,000	68,000	65,000
3. Cleaning carriages and wagons and oiling ..	63,552	70,000	65,000	70,000
4. New minor works ...	...	2,500	2,500	2,500
5. Unclassified expenditure ...	30,958	60,000	60,000	50,000
Total ...	4,85,081	6,37,500	4,85,000	5,00,000
Deduct sum chargeable to Fire Insurance Fund ...	2,029	...	...	...
Total ...	4,83,052	6,37,500	4,85,000	5,00,000

ESTIMATE OF REVENUE EXPENDITURE ON THE MADRAS RAILWAY FOR THE OFFICIAL YEAR 1893-94—cont.

	Actuals in 1891-92.	Sanctioned budget estimate, 1892-93.	Revised estimate, 1892-93.	Budget estimate, 1893-94.
<i>Traffic Expenses.</i>				
1. Salaries, wages, &c. ...	Rs. 6,34,042	Rs. 6,20,000	Rs. 6,20,000	Rs. 6,20,000
2. Fuel, lighting, water and general stores ...	1,14,269	1,10,000	1,10,000	1,10,000
3. Clothing ...	10,811	9,000	9,000	9,000
4. Printing, stationery and tickets ...	73,953	72,000	72,000	72,000
5. Charges for delivery and collection of goods, &c. ...	2,282	2,000	2,000	2,000
6. Miscellaneous expenses ...	6,058	6,000	6,000	6,000
7. Payments to other lines ...	22,275	21,000	21,000	21,000
8. Unclassified expenditure ...	...	...	...	...
Total ...	8,63,700	8,40,000	8,40,000	8,40,000
Deduct sum chargeable to Fire Insurance Fund ...	643	...	...	...
Total ...	8,63,057	8,40,000	8,40,000	8,40,000
<i>General Charges.</i>				
1. Home expenditure ...	68,693	67,000	66,000	68,000
2. Salaries of Indian management including offices ...	2,73,794	2,90,400	2,50,000	2,60,000
3. Police ...	48,367	45,000	38,000	39,000
4. Advertising (all advertisements of all departments) ...	4,072	6,000	4,000	4,000
5. Electric telegraph ...	1,31,787	1,52,800	1,23,000	1,42,000
6. Clearing accounts with other lines ...	32,813	44,600	47,000	45,000
7. Unclassified expenditure ...	...	...	...	...
Total ...	5,59,516	6,05,800	5,40,000	5,58,000
Deduct sum chargeable to Fire Insurance Fund ...	5,372	8,000	6,000	6,000
Total ...	5,54,144	5,97,800	5,34,000	5,52,000
<i>Special and Miscellaneous Expenditure.</i>				
1. Law charges ...	1,711	3,000	2,000	2,400
2. Compensation ...	5,502	5,000	3,000	4,000
3. Rates and taxes (including municipal water-rates) ...	14,209	15,000	14,000	16,000
4. Payments to other lines ...	39,162	15,000	23,200	25,000
5. Prizes for station gardens, &c. ...	560	2,000	800	600
6. Contribution to Railway provident institution	29,865	...	40,000	40,000
7. Miscellaneous ...	17,827	10,000	18,000	20,000
Total ...	1,08,835	60,000	1,01,000	1,08,000
Deduct sum chargeable to Fire Insurance Fund ...	1,547	...	...	...
Total ...	1,07,288	50,000	1,01,000	1,08,000

MADRAS, 24th April 1893. (Signed) F. DUNSTERVILLE, Chief Auditor. (Signed) L. S. MOSS, Agent and Manager.

6TH MAY 1893, No. 825 R., PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT.

Railway.

LETTER—from

F. R. UPCOTT, Esq.,
Joint Secretary to the Government of Madras,
Public Works Department,
Railway Branch,

To

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

SIR,

With reference to para. 7 of Government of India Resolution No. ¹² D.O. A.R., dated 24th March 1893, I am directed to forward 35 • printed copies of the final issue of the revised estimate, 1892-93, and budget estimate, 1893-94, of the Madras Railway (Capital and Revenue).

• Ten copies to Simla.
• Twenty-five copies to Calcutta.

2. These estimates have been prepared in accordance with the figures accepted by the Government of India.

I have the honour to be,

Sir,

Your most obedient servant,

(Signed) F. R. UPCOTT,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

OOTACAMUND,
6th May 1893.

Exd. C. A. Muniswamy.
Spare Copies

RAILWAY.

Govt. of {1893} Madras.
PUBLIC WORKS.

Dated May, 6th.

Recd.

Encl.

6th May 1893, No. 825 R.

MAY.

Madras Railway

Forwarding 35 printed copies of the final
issue of the revised estimate and budget
estimate for 1892-93 and 1893-94 respec-
tively of the —.

No 961 d 25-4-93.
To C.R.
Please check and
return.

For C.R.
24-4-93.

212
25 APR 93

No. 205 d 2 May 1893.

Transferred to Joint
Secretary.

For E.R.
2-5-93

Ch. Secy

Returned for
print with
letter 7/11/93

(C3)

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,
Madras.

382

From

THE AGENT AND MANAGER.

Dr. R. C.

To

The Consulting Engineer
for Railways

Dated

24th

April

1893.

Received

No. 7396

348

Your letter No 306 of 7th instant.

The undersigned has the honor to forward
herewith, in duplicate, the final
issue of the Budget Estimate of
the Madras Railway for 1893-94,
the figures having been revised
to work up to the amounts
furnished by the Government of
India.

For M.D.
Agent and Manager.

Checked and returned.

The Schedules A & B have been split into three schedules A, B & C the last consisting of all works estimated to cost \$5000. and under, subdivided into two lists "Saturated" and "Unsaturated".
 vide printed list attached -
 These may be incorporated in the Budget without omitting the schedules A & B as authorized by the Com.

Alterations & additions were found necessary in schedule A as a few saturated works were omitted in schedule A and as a few cases estimates have been since revised. The alterations in the schedules necessitated alterations in the Abstract of the Budget as well as in the Schedule E and the Memorandum at foot - All these have been carried out by this office.

ER for C.R.
 J.B.
 20/4
 20/4

B A

No. 824 R 26 May 1893.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Endorsement from } H.E. No. 205 of 2 May 1893
the Comptroller & Rep.

Ordered that
the final issue of the
revised Estimate 1892-93
and Budget Estimate 1893
94 of the Madras Rail-
way (Capital and Revenue)
be forwarded to the Govt. of
India with reference to para 7 of
its Resolution No. 12 of 26th March 1893.

M. J. C. R.

To
The Comptroller & Rep. 19/5/93
- " Ex & R. Secy.
- " Editor's Table

No. 825R.

Government of Madras.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

To

THE SECT. TO THE GOVT. OF INDIA,

P. W. DEPARTMENT.

31 6th May 1893.
Sir,

With reference to
para 7 of Govt. of India
Resolution No. 12 A. R.
No. 12
dated 24th March 1893, I am
directed to forward 35
printed copies of the final
issue of the revised
Estimate 1892-93 and
Budget Estimate 1893-94
of the Madras Railway
(Capital and Revenue),

2. These estimates have
been prepared in accordance
with the figures accepted by the
Govt. of India.

* 10 copies to Secy.
25 - do - Calcutta

H. V. L.

W. H. L.

F. M. L.

No. $\frac{12}{B.O.}$ A.—R.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
ACCOUNT.
Railway.

Calcutta, the 24th March 1893.

MADRAS RAILWAY.

XXVII—Guaranteed Railways (Net Traffic Receipts.)

(Capital Account of Indian Railway Companies.)

Revised Estimate for 1892-93, with Budget Estimate for 1893-94.

Read again—

Public Works Department Resolution No. $\frac{61}{B.O.}$ A.—R., dated the 13th March 1892.

Read also—

Letter No. 59 R., dated 12th January 1893, from the Government of Madras.

Public Works Department letter No. 175 A.—R., dated 3rd February 1893, to the Government of Madras.

Telegram No. B. 85, dated 24th February 1893, from the Government of Madras.

" No. B. 86, " " " "

Letter No. 429 R., " " " "

RESOLUTION.—The following table shows the grants assigned in Budget Orders for Capital and Revenue transactions together with the amounts for which the Revised and Budget Estimates have been submitted, and those for which these estimates are accepted by the Government of India :—

Service.	Head of Account.	Budget Estimate, 1892-93.	Revised Estimate, 1892-93.		Budget Estimate, 1893-94.	
			As proposed.	As accepted.	As proposed.	As accepted.
		Rs.	Rs.	Rs.	Rs.	Rs.
MADRAS RAILWAY.						
Receipts—						
Administrative		96,00,000	97,50,000	97,50,000	96,50,000	97,50,000
Suspense		8,00,000	8,50,000	8,50,000	9,00,000	9,00,000
Financial		1,01,00,000	1,06,00,000	1,06,00,000	1,05,50,000	1,06,50,000
Withdrawals—						
Administrative		54,00,000	51,00,000	54,00,000	55,50,000	54,00,000
Suspense		8,00,000	8,50,000	8,50,000	9,00,000	9,00,000
Financial		62,00,000	62,50,000	62,50,000	64,50,000	63,00,000
Net Receipts—						
Administrative		42,00,000	43,50,000	43,50,000	41,00,000	43,50,000
Suspense		...	...	...	...	...
Financial	XXVII	42,00,000	43,50,000	43,50,000	41,00,000	43,50,000
CAPITAL.						
Outlay		23,00,000	17,00,000	16,50,000	19,01,180	19,00,000
Refunds to treasury		21,50,000	22,00,000	21,75,000	23,50,000	23,50,000
Net receipts in India		—1,50,000	5,00,000	5,25,000	4,48,820	4,50,000
Outlay in England		11,13,000	11,74,720	7,20,000	14,24,504	15,05,000
Net outlay		12,63,000	6,74,720	2,04,000	9,75,684	10,55,000

A

No. 824. 25R 26. May/93.

2. *Major Head XXVII.—Net Traffic Receipts.*—The increase of Rs. 1,50,000 in the Revised Estimate of administrative earnings over the Budget Estimate of 1892-93 is due to the traffic during January and February having been unusually favourable and there are prospects of its being likely to continue during March 1893. The Revised Estimate of expenses is placed at the figure passed in the Budget Estimate.

The increase of Rs. 50,000 in the estimates of suspense receipts and expenses over the Budget Estimates is due to increased transactions with foreign lines.

3. Judging from the present state of traffic and future prospects, the Government of India see no reason for anticipating that the results of 1893-94 will be less favourable than the present year, and the Budget Estimate of earnings and expenses are placed at the figures adopted as the Revised Estimate of the current year.

4. *Capital Account of Indian Railway Companies.*—The Revised Estimate of Capital outlay is placed at Rs. 16,50,000 against Rs. 23,00,000 passed in Budget Orders, the transactions having been originally over-estimated. The Revised Estimate of Capital receipts is only Rs. 25,000 in excess of the Budget Estimate.

5. The Budget Estimate of Capital outlay in 1893-94 is Rs. 2,50,000 in excess of the amount adopted as the Revised Estimate of year 1892-93. The increase is due chiefly to enhanced demands under works. The Budget Estimate of Capital receipts is Rs. 1,75,000 more than the Revised Estimate, the increase being due to anticipated heavier consumption of stores by Revenue.

6. The outlay in England on Capital account is based on the estimates received from the India Office, viz.:—

	£	Rs.
Revised Estimate, 1892-93	66,500	7,29,000
Budget „ 1893-94	134,000	15,05,000

7. 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 1893.

ORDER.—Ordered, that a copy of the above be forwarded to the Government of Madras, Public Works Department, Railway Branch, 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.

R. G. MACDONALD,
Offg. Deputy Secretary to the Government of India.