Public Works (1890) Department.

RAILWAY BRANCH.

G.O., No. 620-1 Rys

DATED 9th May

[Despatch Abstract.]

S. I. Rys. — Ordered that the final issue of the Capital Budget Estimate for 9 months ending 31st December 1890 be forwarded to the Govt of India.

S. I. Rys. Forwarding the final issue of the Capital Budget Estimate for 9 months ending 31-12-90.

P. W. Ry. 760—25-9-99.

Indexed.

BACK PAPERS.

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

FURTHER PAPERS.

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

CAPITAL ACCOUNT.

Abstract of Estimated Cash Expenditure in India on the South Indian Railway for the Official year 1889 90

PARTICULARS.	Actuals for 1888 89	Budget Estimate for 1889-90	Regular Estimate for 1889-90	Budget Estimate for to Dec 1890 1890-91
CAPITAL OUTLAY.	Rs.	Rs.	Rs.	Rs.
ENGINEERING DEPARTMENT.				
Sanctioned Works as per Schedule A.				
Works to be Sanctioned Do. B.	192,903.	122,430 / 115,696.	166,341 / –	93,085 / 58,167.
Emergent Works Do. D.				
LOCOMOTIVE DEPARTMENT.				
Sanctioned Works as per Schedule A.	–	24,143	30,039.	14,604
Works to be Sanctioned Do. B.	16,707.	–	–	48,150.
CARRIAGE AND WAGGON DEPARTMENT.				
Sanctioned Works as per Schedule A.				
Works to be Sanctioned Do. B.	–	–	–	–
GENERAL.				
Establishment chargeable to Capital as per General Estimate of Establishment C.	27,525	18,860	7,488	257.
Stores as per Schedule E.	972,078	850,000	832,000	637,000.
Miscellaneous	104,152	18,871.	114,132	98,737.
Total	1,313,385	1,150,000	1,150,000	950,000
~~Increase~~ Decrease in Cash Balance	8,680	–	–	–
Total withdrawals on Capital Account	1,304,705	1,150,000	1,150,000	950,000
RECEIPTS TO BE CREDITED CAPITAL ACCOUNT.				
Share Capital paid in India				
Refunds on accounts of Stores sold to Revenue and others	1,813,853.	1,700,000	1,775,000	1,400,000.
Refunds of Receipts from Revenue for work done				
Other Refunds				
Home Expenditure &c.	248,656.	130,000	100,000	100,000
Miscellaneous	–	20,000.	250,000.	150,000.
Total payments into Treasury on Capital Account	2,062,509	1,850,000	2,125,000	1,650,000
Net Cash Payment of the year on Capital Account	757,804.	700,000.	975,000	700,000
„ „ withdrawal do. do. do.				
ENGLAND.				
PURCHASE OF STORES.				
Indents to be sent Home during the year	1,715,790.	2,100,000	1,030,000	1,700,000.
Previous Indents to be complied with	256,646.	1,921,126.	1,142,059.	739,059.
Total	2,972,436.	4,021,126.	2,172,059.	2,439,059.
Deduct for Indents estimated to be complied with in the following year.	1,142,059.	2,440,126.	799,059.	1,524,059.
Total outlay for Stores	1,830,377.	1,581,000.	1,433,000.	915,000.
HOME EXPENDITURE.				
Home Expenditure	63,876	75,000	75,000	–
~~Furlough and Sick leave allowances~~		10,000.	10,000	10,000
Family and Sundry Payments less receipts	40,867.	45,000	45,000.	25,000.
Total Home Expenditure and Payments	104,543.	130,000.	130,000.	90,000.
Total Cash Demand in England	1,934,920.	1,711,000.	1,563,000.	1,005,000.

Chief Auditor's Office,
Trichinopoly 30th April 1890.

James Smith
Chief Auditor.

William Betts.
Agent.

Original

Final Copy

South Indian Railway

Engineering Department

Budget Estimate for the year ending 31st December 1890

Print 1962

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South Indian Railway
Engineer Department
Schedule A

Budget estimate of Sanctioned works for the year ending 31st December 1890

No. of item	Sanction No.	Sanction Date	Particulars	Amount of Estimate: Cash Outlay in India	Amount of Estimate: Value of Stores	Amount of Estimate: Total	Actual expenditure upto close of official year 1888-89: Cash Outlay in India	Actual expenditure upto close of official year 1888-89: Value of Stores	Actual expenditure upto close of official year 1888-89: Total	Probable expenditure during 1889-90: Cash Outlay in India	Probable expenditure during 1889-90: Value of Stores	Probable expenditure during 1889-90: Total	Budget Estimate of expenditure upto 31st December 1890: Cash Outlay in India	Budget Estimate of expenditure upto 31st December 1890: Value of Stores	Budget Estimate of expenditure upto 31st December 1890: Total	Estimated Expenditure in future years
			Bridges													
1	G.O.1437 R.	15-1-86	Protective works to Bridges on Divisions 1.2,3 & 4	172137	8606	180743	68438	3928	72366	5000	500	5500	"	"	"	"
2	G.O.No 644	16-8-86	Lowering bank between 44 miles 37 chains and 46 miles 13 chains, adding 6-25 feet Spans at 42/17 miles and pitching throughout	65016	8918	73934	48007	9645	57652	2000	"	2000	"	"	"	"
3	C.E.No 228	7-4-87	Addition of 4-25 feet Spans to the 20 feet girder Bridge at 27/17 miles	8699	4060	12759	9012	3193	12205	300	"	300	"	"	"	"
4	C.E.No 233	13-4-87	Addition of 1/2-100 feet Spans to the Tondyar Bridge at 84/5 miles	46251	22971	69222	30500	16971	47471	14751	6000	20751	1000	"	1000	"
5	C.E.No 315A	20-5-87	Addition of 11 Spans to the Gingi Bridge at 85/13 ms and raising embankment	66201	19533	85734	42226	20535	62761	22975	1000	23975	1000	"	1000	"
6	C.E.No 393	16-6-87	Constructing Curtain walls, flooring and aprons for 14ft, 15ft, 16ft and 17ft Spans of Ponniar Bridge at 105/0	9947	497	10444	8366	1000	9366	1500	"	1500	"	"	"	"
7	C.E.No 493	26-7-87	Raising the Paravanar Bridge and Approaches and pitching the Approaches at 136/9 miles	40199	2010	42209	13159	827	13986	1000	"	1000	"	"	"	"
8	C.E.No 536	16-8-87	Converting the 1-12 feet Girder Bridge into a 25 feet girder opening & raising line 1 foot at 264/1	2552	878	3430	2445	1095	3540	107	"	107	"	"	"	"
9	C.E.No 547	20-8-87	Bridge of 4-40 feet Girders at 134/15 miles	28774	11247	40021	22459	10536	32995	600	"	600	"	"	"	"
10	C.E.No 153	1-3-88	Adding 1-50 feet span to the existing 4-50 feet girder Bridge at 431/8 miles	7979	2935	10914	1754	381	2135	5225	2554	7779	1000	"	1000	"
11	C.E.No 732	22-10-88	Rough stone pitching for protection of line between A 71/9½ & A 71/12½ miles	2098	"	2098	"	"	"	2098	"	2098	"	"	"	"
12	C.E.No 43	16-1-89	Curtain walls apron, flooring and pitching to 6 feet Rail girder at 253/14 miles	478	"	478	101	"	101	377	"	377	"	"	"	"
13	G.M.O.No 126 R	1-2-89	Converting existing 30 feet Girder Bridge at 151/5.6 into a 70 feet Girder Bridge over the Porto novo canal	13454	8282	21736	194	3510	3704	10260	3772	14032	3000	1000	4000	"
14	G.M.O.No 154 R. 18-1-89 / G.I.O.No 105 RC 9-2-89		Adding 5-100 feet Spans to the existing 10-100 ft girders over the River Gadilam at 124/4 miles	68014	51084	119098	4223	38929	43152	33791	7155	40946	28846	1154	30000	"
15	C.E.No 740	19-8-89	Providing flooring and apron to 6 feet culvert at 295/13 miles	385	"	385	"	"	"	87	"	87	298	"	298	"
16	C.E.No 843	17-9-89	Constructing one 12 ft girder Bridge for flood opening at 130 miles 62 chains	2921	546	3467	"	"	"	500	546	1046	2421	"	2421	"
17	C.E.No 16	9-1-90	Providing Stone toe to groyne at 302/6 miles	381	"	381	"	"	"	"	"	"	381	"	381	"
			Carried forward	535486	141567	677053	250884	110560	361434	100571	21527	122098	37946	2154	40100	"

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Schedule

Budget Estimate of Sanctioned

A Continued

work for the year ending 31st December 1890

No. of Items	Sanction No.	Sanction Date	Particulars	Amount of Estimate: Cash Outlay in India	Amount of Estimate: Value of Stores	Amount of Estimate: Total	Actual expenditure upto close of official year 1888-89: Cash Outlay in India	Actual expenditure upto close of official year 1888-89: Value of Stores	Actual expenditure upto close of official year 1888-89: Total	Probable expenditure during 1889-90: Cash Outlay in India	Probable expenditure during 1889-90: Value of Stores	Probable expenditure during 1889-90: Total	Budget Estimate of Expenditure upto 31st December 1890: Cash Outlay in India	Budget Estimate of Expenditure upto 31st December 1890: Value of Stores	Budget Estimate of Expenditure upto 31st December 1890: Total		Estimated Expenditure in future years
			Brought forward	535486	141567	677053	250884	110550	361434	100571	21527	122098	37946	2154	40100		0
			Permanent Way														
18	Ct.№664	29-7-89	Extra siding accommodation required by Messrs Parry & Company at Nellikuppam	932	2973	3905	"	"	"	932	2973	3905	"	"	"	X	"
19	Ct.№972	29-10-89	Extension of Wharf siding to Messrs Parry & Co's Premises at Cuddalore Old Town	185	2523	2708	"	"	"	185	2523	2708	"	"	"	X	"
20	Ct.№396	5-4-90	Filling in low ground and extending sidings &c at Cuddalore Old Town	3047	1594	4641	"	"	"	"	"	"	3047	1594	4641	✓	"
21	Ct.№391	2-4-90	Providing additional Sidings to meet Traffic requirements at Cuddalore Old Town	62	1902	1964	"	"	"	"	"	"	62	1902	1964	✓	"
22	Ct.№337	19-3-90	Extending Sidings at Panruti Station	2097	5528	7625	"	"	"	"	"	"	2097	5528	7625	✓	"
23	Ct.№185	14-2-90	Through siding Puliyur Station	536	3329	3865	"	"	"	"	"	"	536	3329	3865	✓	"
			Stations and Buildings														
24	Ct.№724	19-10-87	Permanent 4th class station at North Kolatur	5785	4699	10484	2985	4220	7205	2800	479	3279	"	"	"		"
25	G.M.O.№2108 R 11-3-86 / G.I.O.№1164 RC 2-3-86		Extension of Locs and Carriage Workshops at Negapatam	59305	283280	342585	46754	206557	253311	12551	76723	89274	"	"	"		"
26	Ct.№738	18-12-86	Store rooms and Offices for Permanent Way Inspectors at Dindigul	2595	1496	4091	1946	1362	3308	649	134	783	"	"	"		"
27	Ct.№46	28-1-87	Additional accommodation at Egmore	30707	61285	91992	20477	46023	66500	10230	15262	25492	"	"	"		"
28	Ct.№68	5-2-87	Providing fittings for the General Stores Buildings at Negapatam and erecting an iron shed for the Storeage of Kerosine oil	0	12800	12800	"	11017	11017	"	1395	1395	"	388	388		"
29	Ct.№636	22-9-87	Well 20 feet internal diameter and 30 feet deep for Locomotive purposes at Tindivanam	1240	391	1631	963	197	1160	277	194	471	"	"	"		"
30	Ct.№661	3-10-87	Well 20 feet internal diameter and 25 feet deep for Locomotive purposes at Vikiravandi	1420	400	1820	993	258	1251	427	142	569	"	"	"		"
31	Ct.№711	18-10-87	Fourth class station at Padalam	4206	3210	7416	"	"	"	"	"	"	4206	3210	7416	✓	"
32	Ct.№95	8-2-88	Permanent Station arrangements at Ulundurpet	6497	9417	15914	4684	6398	11082	1813	3019	4832	"	"	"		"
33	Ct.№441	12-7-88	Constructing Permanent Station in lieu of temporary one at Pettaiyatalai Station	5650	7848	13498	563	"	563	5087	7848	12935	"	"	"	X	"
34	Ct.№800	6-11-88	Constructing Store rooms and Offices for Permanent Way Inspectors at Kumbakonam and Negapatam	2780	1506	4286	62	1501	1553	1728	5	1733	1000	"	1000	✓	"
			Carried forward	662530	545748	1208278	330301	388083	718384	137250	132224	269474	48894	18105	66999		"

Schedule A Concluded

Budget Estimate of Sanctioned works for the Year ending 31st December 1890

No. of Item	Sanction No.	Sanction Date	Particulars	Amount of Estimate: Cash Outlay in India	Value of Stores	Total	Actual expenditure upto close of Official year 1888-89: Cash Outlay in India	Value of Stores	Total	Probable expenditure during 1889-90: Cash Outlay in India	Value of Stores	Total	Budget Estimate of Expenditure upto 31st December 1890: Cash Outlay in India	Value of Stores	Total	Estimated Expenditure in future years
			Brought forward	662580	545748	1208278	330301	388083	718384	137250	132224	269474	48894	18105	66999	4
			Stations and Buildings included													
35	C.E.№927	13-12-88	Erecting lamps and lamp posts on the transhipping platforms at Arkonam and Erode	52	289	341	16	145	161	36	144	180	〃	〃	〃	〃
36	C.E.№135	9-2-89	Sinking a Well 15 feet in diameter & constructing a cast iron tank at Pallavaram	1512	1999	3511	〃	〃	〃	712	999	1711	800	1000	1800 ✓	〃
37	G.MO№283R	14-3-89	Constructing Permanent Way Inspector's Bungalows and Outhouses at Mayavaram & Tanjore stations	6766	2112	8878	〃	〃	〃	3766	1112	4878	3000	1000	4000 ✓	〃
38	C.E.№407	8-5-89	Constructing store room and Office for Permanent Way Inspector at Mayavaram	1382	743	2125	〃	〃	〃	1382	743	2125	〃	〃	〃 X	〃
39	C.E.№405 8-5-89 / C.E.№425 16-4-90		Constructing Tank House and Well at Paller station	1914	1045	2959	〃	〃	〃	841	430	1271	1073	615	1688 ✓	〃
40	C.E.№607	10-7-89	Constructing Permanent Way Inspectors Bungalow and Out houses at Kumbakonam	3883	1056	4429	〃	〃	〃	383	256	639	3000	800	3800 ✓	〃
41	G.MO№276R	10-7-89	Providing an additional siding & a Permanent Way Inspectors Bungalow at Egmore stations	5346	3881	9227	〃	〃	〃	3346	2881	6227	2000	1000	3000 ✓	〃
42	C.E.№680	2-8-89	Constructing Permanent Way Inspectors Bungalow and Outhouses at Negapatam	3928	1064	4992	〃	〃	〃	2928	864	3792	1000	200	1200 ✓	〃
43	C.E.№867	23-9-89	Providing guttering to Covered Way over passengers platform of Egmore station	1351	2110	3461	〃	〃	〃	〃	〃	〃	1351	2110	3461 ✓	〃
44	G.MO№1112R	17-10-89	Extension of Covered Way West end of Station house by 265 feet long at Trichinopoly Junction station	2359	15740	18099	〃	〃	〃	499	100	599	1860	15640	17500 ✓	〃
45	G.MO№1085	10-10-89	Enlarging Villupuram station to provide accommodation for Villupuram Dharmavaram Extension	38554	59811	98365	〃	〃	〃	10000	10000	20000	28554	49811	78365 ✓	〃
46	C.E.№998	5-11-89	Providing Stone room and Office for Permanent Way Inspector at Egmore station	1397	745	2142	〃	〃	〃	600	300	900	797	445	1242 ✓	〃
47	C.E.№113	29-1-90	Constructing a Rolling stock Repairing shed Egmore	756	4229	4985	〃	〃	〃	〃	〃	〃	756	4229	4985 ✓	〃
48	—	—	Expenditure on New Minor Works in excess of Revenue provision transferred to Capital	〃	〃	〃	〃	〃	〃	4598	4181	8779	〃	〃	〃	〃
			Total	731230	640572	1371802	330317	388228	718545	166351	154234	320575	93085	94955	188040	4

Chief Engineer's Office
Trichinopoly 25th April 90

Illegible
for Chief Engineer

South Indian Railway
Engineer's Department
Schedule B

Budget Estimate of works not Sanctioned by Government but authorized either by the Board or Agent.

No. of Item	Sanction No.	Sanction Date	Particulars	Amount of Estimate: Cash Outlay in India	Value of Stores	Total	Actual expenditure upto close of Official year 1888-89: Cash Outlay in India	Value of Stores	Total	Probable expenditure during 1889-90: Cash Outlay in India	Value of Stores	Total	Budget Estimate of expenditure upto 31st December 1890: Cash Outlay in India	Value of Stores	Total	Estimated Expenditure in future Years
			Bridges													
1			Fixing overhead and diagonal bracings to Bridges of 100 and 120 feet spans	4000	11729	15729	"	"	"	"	"	"	2667	7819	10486	"
2			Cutting Channel in the bed of the Tondyar River at 84/5 miles	817	"	817	"	"	"	"	"	"	817	"	817	"
3			Cutting 5 Channels in the bed of the Gingi River at 88/10 miles	2128	"	2128	"	"	"	"	"	"	2128	"	2128	"
			Permanent Way													
4			Proposed removing and relaying and extension of Beach station (Madras) Sidings	5775	10157	15932	"	"	"	"	"	"	3850	6771	10621	"
			Stations and Buildings													
5			Dispensaries at Madras, Cuddalore, Negapatam, Trichinopoly, Madura and Tuticorin	20598	8562	29160	"	"	"	"	"	"	2289	960	3249	"
6			Store room and Office for Permanent Way Inspector at Villupuram	1382	743	2125	"	"	"	"	"	"	1382	743	2125	
7			Permanent Bungalows for Permanent Way Inspectors at Chingleput, Villupuram, Cuddalore Old Town, Trichinopoly and Madura.	21886	11724	33610	"	"	"	"	"	"	6427	3364	9791	"
8			Water supply for Trichinopoly to be taken from Cauvery	15082	44660	59742	"	"	"	"	"	"	10065	29773	39828	"
9			Removal and reconstruction of Slaughter house adjoining the Cuddalore Old Town	903	163	1066	"	"	"	"	"	"	903	163	1066	"
1.			Latrine for Locomotive Department at Negapatam	3554	1439	4993	"	"	"	"	"	"	2369	959	3328	"
			Carried forward	76125	89177	165302	"	"	"	"	"	"	32887	50552	83439	"

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Schedule

Budget Estimate of works not Sanctioned by Gov[t] of Indi[a]

B Concluded

ernment but authorized either by the Board or Agent

No. of Item	Sanction No.	Sanction Date	Particulars	Amount of Estimate: Cash Outlay in India	Value of Stores	Total	Actual expenditure upto close of official year 1888-89: Cash Outlay in India	Value of Stores	Total	Probable expenditure during 1889-90: Cash Outlay in India	Value of Stores	Total	Budget Estimate of expenditure upto 31st December 1890: Cash Outlay in India	Value of Stores	Total	Estimated Expenditure in future years
			Brought forward	76125	89177	165302	"	"	"	"	"	"	32887	50552	83439	"
			Stations and Buildings Concluded.													
11			Further Locomotive accommodation at Negapatam	43558	107097	150655	"	"	"	"	"	"	13333	46667	60000	"
12			Baling stage on Well near Kadambur	148	1294	1442	"	"	"	"	"	"	148	1294	1442	"
13			Additional siding and platform with 100 feet Covered way on West side of dock Sidings Chinglepet	5214	10097	15311	"	"	"	"	"	"	3579	6070	9649	"
14			Light iron roof over loading bank at Eutcorin	987	3599	4586	"	"	"	"	"	"	987	3599	4586	"
15			Light iron roof over loading bank North end of Dindigul Goods shed	1066	2521	3587	"	"	"	"	"	"	1066	2521	3587	"
16			Permanent Station arrangements at Kumarapuram	4422	2423	6845	"	"	"	"	"	"	2948	1615	4563	"
17			Constructing a cook house to the waiting room and a bungalow for the matron in charge of Waiting room Ammayanayakanur	1079	340	1419	"	"	"	"	"	"	1079	340	1419	"
18			Extending transhipping platform and Covered way by 130 feet at Arkonam station	1140	1754	2894	"	"	"	"	"	"	1140	1754	2894	"
19			Extending distant signals at all stations to 425 yards from extreme points	2000	13000	15000	"	"	"	"	"	"	1000	6500	7500	"
			Total	135739	231302	367041	"	"	"	"	"	"	58167	120912	179079	"

Chief Engineer's Office
Trichinopoly 26th April 1890

Tuna. F Smith
for Chief Engineer

South Indian Railway
Engineering Department
Schedule C
Construction Works

Budget estimate on Capital Establishment during the year ending 31st Decr 9 months /90

Number 1889-90	Number 1890-91		Actuals for 1888-89	Budget Estimate for 1889-90	Revised Estimate for 1889-90	Budget Estimate for 1890
0	0	Executive Engineer	6388	0	0	0
1	0	Engineer	8530	9300	0	0
0	1	Sub Assistant Engineer	0	0	3000	250
2	0	Inspectors	7321	5400	3000	0
2	0	Sub Inspectors	530	720	720	0
2	0	Storekeepers	452	600	600	0
6	1	Peons and Lascars	359	500	168	7
3	0	Clerks	1334	1260	0	0
		Office Allowances	126	180	0	0
		Pension and leave contributions	1078	0	0	0
		Allowances for Engineers	1374	900	0	0
		Allowances for Subordinates	33	0	0	0
		Total	27525	18860	7488	257

Chief Engineer's Office
Trichinopoly 25th April 1890

Lunc. T. Smith
for Chief Engineer

REGD. No. 569 FILE No.

Print

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South Loc

Budget Estimate Decr/90

Railway Department

1

9 months ending 31 Dec 1890

Ioned works for the Official year 1890-91.

Number of Items	Government of Madras Sanctions — No. and date.	Particulars.	Am Budget Estimate			Actual expenditure up to close Official year 1888-89.			Probable expenditure during 1889-90.			Budget Estimate of expenditure for Official year 1890-91.			
			Cost out of India	Value of Stores	Total	Cost out of India	Value of Stores	Total	Cost out of India	Value of Stores	Total	Cost out of India	Value of Stores	Total	
1	C.C. No 1703 15.12.79	1. Composite Carriage	672	3568	4240	"	"	"	"	"	"	672	3568	4240	"
2	G.O. No 423R 30.6.82	1. Covered Goods Loa Low	76	1224	1300	"	"	"	"	"	"	76	1224	1300	"
		1. Five ton travelling Crane	200	7800	8000	"	"	"	"	"	"	200	7800	8000	"
3	G.O No 211R 12.3.86	10. Passengers Brake Vans.	12,500	18500	31000	7452	10840	18292	5048	7660	12708	"	"	"	"
4	G.O No 664R 25.8.86	5. Composite Carriages	6875	18125	25000	2500	3700	6200	4375	14425	18800	"	"	"	"
		8. Timber Trucks	1320	13080	14400	204	727	931	1116	12353	13469	"	"	"	"
5	G.O. No 574R 10.7.88	25. Third class Carriages	15,000	47,500	62,500	"	"	"	12,000	7,500	19,500	3,000	40,000	43000	"
6	G.O. No 1214R 6.11.89	12. Second class Carriages	10356	30876	41232	"	"	"	4500	11232	15732	5856	19644	25500	"
		13. Third class Carriages	7800	24700	32500	"	"	"	3,000	4,700	7,700	4,800	20,000	24,800	"
		Total	54,799	165,373	220,172	10,156	15,267	25,423	30,039	57,870	87,909	14,604	92,236	106,840	"

William A Betts
Agent

1889

South Indian Railway.

Locomotive Department

Schedule B.

Budget Estimate of works not sanctioned by Government but authorized by either the Board or Agent.

Item No.	Sanctioned.	Particulars.	Amount of Estimate			Actual expenditure up to close of official year 1888-89			Probable expenditure during 1889-90.			Budget Estimate of Expenditure for official year 1890-91.		
			Cash outlay in India	Value of Stores	Total	Cash outlay in India	Value of Stores	Total	Cash outlay in India	Value of Stores	Total	Cash outlay in India	Value of Stores	Total
1		Additional Rolling Stock.	48,150	151,850	200,000	"	"	"	"	"	"	48150	151,850	200,000

Deputy Secretary

REGISTER
No. 5769
FILE
No.

Engineering

Schedule D

Budget Estimate of Emergent Work for the year ending 31st December 1890

	Budget Estimate of expenditure upto 31st December 1890		
	Cash outlay in India	Value of stores	Total
Emergent Work	Nil		

Chief Engineer's Office
Spichimpoly 25th April 1890

Thos. F. Smith
for Chief Engineer

SCHEDULE E.

Budget Estimate of Expenditure for purchase of Stores during 1890-91

DETAIL.		Actual purchases during 1888-89		Probable purchases during 1889-90		Estimate purchases during 1890-91	
		Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
INDIAN.							
Timber.	Tons	2416	254,007	1,487	1,54,500.	30	45,000.
Coal	"	-	-	1,870	27,200	25	5000.
Firewood.	"	16,104	78,393	12,970.	64,300.	18,000	82,000
Iron.	Candies	96	2857.	210	6,700.	20	5,000.
Oil	"	1018.	63,128	1094	74,900.	1,80	80,000
Stationery.	....		28,337		44,700.		30,000.
Freight	....		201,847		1,55,800		100,000.
Landing Charges.	....		60,530		53,800.		40,000.
Miscellaneous.	....		282,979		2,50,000.		250,000.
Total Indian purchases.	..		9,72,078		8,32,000		6,37,000.
ENGLAND.							
Girders and Bridge-work.	....		63,469		10,000.		11,170
Locomotive and Rolling Stock.	....		13,677		2,20,000		36,830.
Permanent Way Materials	....		877,648		470,000.		337,000
Station Fittings.	....		-		11,000		5000.
Miscellaneous.	....		584,229		435,000.		350,000.
Freight.	....		281,458.		272,000		165,000.
Insurance.	....		9,896		15,000.		10,000.
Total purchases in England	....		1830,377		1433,000.		915,000.

Chief Auditor's Office,
Trichinopoly, 30th April 1889.

Chief Auditor.

Form No. I.

PUBLIC WORKS DEPARTMENT.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,

Madras, 5th May 1890.

Final Issue of Capital Budget Estimate South Indian Railway for 9 months ending 31st December 1890.

No. 314

Submitted to Government. for transmission to the Government of India, in continuation of this office endorsement No. 314 dated 1st May 1890.

Sidney Smith
Major R.E.
Dy: Cons: Engr: for Railways

~~SUBMITTED~~

MEMORANDUM.

			Rs.
ual balance of Stores in hand, 1st April 1889	.....	.....	33,11,391.
mated purchases during 1889 90 as above	.....	.....	22,65,000
		Total	55,76,391.
mated issues during 1889 90	.....	.....	19,86,804
mated balance on 1st April 1890	.....	.....	35,89,587.
mated purchases during 1890 8	.....	.....	15,52,000.
		Total	51,41,587
mated issues during 1890 8	.....	.....	18,59,953
mated balance on 1st ~~April 188~~ January 1891	.....	.....	33,81,634

ENGLISH TRANSACTIONS.

Budget Estimate 1890-891

			Rs.
nts to be sent Home during year 1890 con 1891	.....	.....	17,00,000.
for Indents of previous year expected to be complied with in official year	.....	.....	7,39,059
English Establishment charges	.....	.....	90,000.
		Total	25,29,059
ct amount of orders not expected to be complied with until next year	.....	.....	15,24,059
Capital Cash transactions in England	.....	.....	10,05,000.

P W. Coll. 4239.

Form No. 3.

From

THE CONSULTING ENGINEER

FOR RAILWAYS,

MADRAS,

No. 314.

Dated 5th
Received 6 } May 1890

No. of Enclosures. 1 (In duplicate)

Subject.

Submitting, for transmission to the Govt: of India, the Final Issue of Capital Budget Estimate, S. I. Ry., for 9 months ending the 31st Decr: '90.

B

No. 620 R 9th May 1890.

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following :—

Proc: of the Madras Govt. P. W. Department } H.E. No 618-19 dt 9th May 1890

Read also the following:—

Endorsement from the Cons: Engr: for Rys. } H. E. No 314 dt 5th May 1890

Ordered to be forwarded to the Govt: of India in continuation of Pro: Of Govt: No 618-19 R dt 9th May '90.

H. E. No 621 R dt 9th May 1890

Forwarded.

SS
6.5.90.

D.R.

Copy despatched to India with Budget Estimates (4 copies) 9/5/90

To

The Consg Engr for Rys:
" Exor. Engr S.I.Ry: Madras.

FINAL ISSUE.

SOUTH INDIAN RAILWAY.

Budget Estimate for nine months ending
31st December 1890.

CAPITAL ACCOUNT.

ABSTRACT of Estimated Cash Expenditure in India on the South Indian Railway for the official year 1890-91.

Particulars.	Actuals for 1888-89.	Budget Estimate for 1889-90.	Revised Estimate for 1889-90.	Budget Estimate for 9 months 1890-91.
	RS.	RS.	RS.	RS.
CAPITAL OUTLAY.				
Engineering Department.				
Sanctioned works as per schedule A.	1,92,903	1,22,430	1,66,341	93,085
Works to be sanctioned do. B.		1,15,696	..	58,167
Emergent works do. D.		..	..	..
Locomotive Department.				
Sanctioned works as per schedule A.	16,727	24,143	30,039	14,604
Works to be sanctioned do. B.		..	..	48,150
Carriage and Wagon Department.				
Sanctioned works as per schedule A.	..	..	..	..
Works to be sanctioned do. B.	..	..	..	..
General.				
Establishment chargeable to Capital as per general estimate of Establishment C	27,525	18,860	7,488	257
Stores as per schedule E	9,72,078	8,50,000	8,32,000	6,37,000
Miscellaneous	1,04,152	18,871	1,14,132	98,737
Total ..	13,13,385	11,50,000	11,50,000	9,50,000
Decrease in Cash Balance ..	8,680	..	..	..
Total Withdrawals on Capital Account ..	13,04,705	11,50,000	11,50,000	9,50,000
Receipts to be credited Capital Account.				
Share Capital paid in India	18,13,853	17,00,000	17,75,000	14,00,000
Refunds on account of stores sold to Revenue and others	..	..	..	..
Refunds of Receipts from Revenue for work done	2,48,656	1,30,000	1,00,000	1,00,000
Other Refunds—				
Home expenditure, &c.	..	20,000	2,50,000	1,50,000
Miscellaneous				
Total Payments into Treasury on Capital Account ..	20,62,509	18,50,000	21,25,000	16,50,000
Net cash payment of the year on Capital Account	7,57,804	7,00,000	9,75,000	7,00,000
Net cash withdrawal of the year on Capital Account	..	..	..	..
ENGLAND.				
Purchase of Stores.				
Indents to be sent Home during the year	17,15,790	21,00,000	10,30,000	17,00,000
Previous indents to be complied with	12,56,646	19,21,126	11,42,059	7,39,059
Total ..	29,72,436	40,21,126	21,72,059	24,39,059
Deduct for indents estimated to be complied with in the following year	11,42,059	24,40,126	7,39,059	15,24,059
Total Outlay for Stores ..	18,30,377	15,81,000	14,33,000	9,15,000
Home Expenditure.				
Home expenditure	63,676	75,000	75,000	55,000
Furlough and sick leave allowances	40,867	10,000	10,000	10,000
Family and sundry payments less receipts		45,000	45,000	25,000
Total Home Expenditure and Payments ..	1,04,543	1,30,000	1,30,000	90,000
Total Cash Demand in England ..	19,34,920	17,11,000	15,63,000	10,05,000

TRICHINOPOLY,
30th April 1890.

(Signed) J. SMITH,
Chief Auditor.

(Signed) W. S. BETTS,
Agent.

SOUTH INDIAN

ENGINEERING

SCHEDULE A.—Budget Estimate of Sanctioned

Number of item.	Sanction. Number.	Sanction. Date.	Particulars.	Amount of Estimate. Cash outlay in India.	Value of stores.	Total.
			Bridges.	RS.	RS.	RS.
1	G.O. No. 37 R.	15th Jan. 1886.	Protective works to bridges on divisions 1, 2, 3 and 4	1,72,137	8,606	1,80,743
2	G.O. No. 644 ..	16th Aug. ,,	Lowering bank between 44 miles 37 chains and 46 miles 13 chains, adding six 25-feet spans at 44/17 miles and pitching throughout	65,016	8,918	73,934
3	C.E. No. 228 ..	7th April 1887.	Addition of four 25-feet spans to the 20-feet girder bridge at 77/17 miles ..	8,699	4,060	12,759
4	C.E. No. 233 ..	13th ,, ,,	Addition of two 100-feet spans to the Tondyar bridge at 84/5 miles ..	46,251	22,971	69,222
5	C.E. No. 315-A.	20th May ,,	Addition of 11 spans to the Gingee bridge at 85/13 miles and raising embankment.	66,201	19,533	85,734
6	C.E. No. 393 ..	16th June ,,	Constructing curtain walls, flooring and aprons for 14th, 15th, 16th and 17th spans of Ponniár brige at 105/0 miles..	9,947	497	10,444
7	C.E. No. 493 ..	26th July ,,	Raising the Paravanar bridge and approaches and pitching the approaches at 136/9 miles	40,199	2,010	42,209
8	C.E. No. 536 ..	16th Aug. ,,	Converting the one 12-feet girder bridge into a 25-feet girder opening and raising line 1 foot at 264/1 miles	2,552	878	3,430
9	C.E. No. 547 ..	20th ,, ,,	Bridge of four 40-feet girders at 134/15 miles	28,774	11,247	40,021
10	C.E. No. 153 ..	1st Mar. 1888.	Adding one 50-feet span to the existing four 50-feet girder bridge at 431/8 miles.	7,979	2,935	10,914
11	C.E. No. 732 ..	22nd Oct. ,,	Rough-stone pitching for protection of line between A 71/9½ and A 71/12½ miles	2,098	..	2,098
12	C.E. No. 43 ..	16th Jan. 1889.	Curtain walls, apron, flooring and pitching to 6-feet rail girder at 253/14 miles ..	478	..	478
13	G.O. No. 126 R.	1st Feb. ,,	Converting existing 30-feet girder bridge at 151/5·6 into a 70-feet girder bridge over the Porto Novo canal	13,454	8,282	21,736
14	G.O. No. 54 A R. / G.I. No. 105 R.C.	18th Jan. ,, / 9th Feb. ,,	Adding five 100-feet spans to the existing ten 100-feet girders over the river Gadilam at 124/4 miles ..	68,014	51,084	1,19,098
15	C.E. No. 740 ..	19th Aug. ,,	Providing flooring and apron to 6-feet culvert at 295/13 miles	385	..	385
16	C.E. No. 843 ..	17th Sept. ,,	Constructing one 12-feet girder bridge for flood opening at 130 miles 62 chains.	2,921	546	3,467
17	C.E. No. 16 ..	9th Jan. 1890.	Providing stone toe to groyne at 302/6 miles	381	..	381
			Permanent-way.			
18	C.E. No. 664 ..	29th July 1889.	Extra siding accommodation required by Messrs. Parry and Co. at Nellikuppam.	932	2,973	3,905
19	C.E. No. 972 ..	29th Oct. ,,	Extension of wharf siding to Messrs. Parry and Co's. premises at Cuddalore Old Town	185	2,523	2,708
20	C.E. No. 396 ..	5th April 1890.	Filling in low ground and extending sidings, &c., at Cuddalore Old Town ..	3,047	1,594	4,641
21	C.E. No. 391 ..	2nd ,, ,,	Providing additional sidings to meet traffic requirements at Cuddalore Old Town	62	1,902	1,964
22	C.E. No. 337 ..	19th Mar. ,,	Extending sidings at Panruti station ..	2,097	5,528	7,625
23	C.E. No. 185 ..	14th Feb. ,,	Through siding, Puliyur station ..	536	3,329	3,865
			Stations and Buildings.			
24	C.E. No. 724 ..	19th Oct. 1887.	Permanent fourth-class station at North Kolatur	5,785	4,699	10,484
25	G.O. No. 203 R. / G.I. No. 164 R.C.	11th Mar. 1886. / 2nd ,, ,,	Extension of Locomotive and Carriage Workshops at Negapatam	59,305	2,83,280	3,42,585
26	C.E. No. 738 ..	18th Dec. ,,	Store rooms and offices for Permanent-way Inspectors at Dindigul	2,595	1,496	4,091
27	C.E. No. 46 ..	28th Jan. 1887.	Additional accommodation at Egmore ..	30,707	61,285	91,992
28	C.E. No. 68 ..	5th Feb. ,,	Providing fittings for the General Stores buildings at Negapatam and erecting an iron shed for the storage of kerosine oil.	..	12,800	12,800

RAILWAY.

DEPARTMENT.

Works for 9 months ending 31st December 1890.

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure up to 31st December 1890. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of item.
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
68,438	3,928	72,366	5,000	500	5,500	..	..	..	..	1
48,007	9,645	57,652	2,000	..	2,000	..	..	..	..	2
9,012	3,193	12,205	300	..	300	..	..	..	..	3
30,500	16,971	47,471	14,751	6,000	20,751	1,000	..	1,000	..	4
42,226	20,535	62,761	22,975	1,000	23,975	1,000	..	1,000	..	5
8,366	1,000	9,366	1,500	..	1,500	..	..	..	..	6
13,159	827	13,986	1,000	..	1,000	..	..	..	..	7
2,445	1,095	3,540	107	..	107	..	..	..	..	8
22,459	10,536	32,995	600	..	600	..	..	..	..	9
1,754	381	2,135	5,225	2,554	7,779	1,000	..	1,000	..	10
..	..	..	2,098	..	2,098	..	..	..	..	11
101	..	101	377	..	377	..	..	..	..	12
194	3,510	3,704	10,260	3,772	14,032	3,000	1,000	4,000	..	13
4,223	38,929	43,152	33,791	7,155	40,946	28,846	1,154	30,000	..	14
..	..	..	87	..	87	298	..	298	..	15
..	..	..	500	546	1,046	2,421	..	2,421	..	16
..	..	..	..	..	..	381	..	381	..	17
..	..	..	932	2,973	3,905	..	..	..	..	18
..	..	..	185	2,523	2,708	..	..	..	..	19
..	..	..	..	..	..	3,047	1,594	4,641	..	20
..	..	..	..	..	..	62	1,902	1,964	..	21
..	..	..	..	..	..	2,097	5,528	7,625	..	22
..	..	..	..	..	..	536	3,329	3,865	..	23
2,985	4,220	7,205	2,800	479	3,279	..	..	..	..	24
46,754	2,06,557	2,53,311	12,551	76,723	89,274	..	..	..	..	25
1,946	1,362	3,308	649	134	783	..	..	..	..	26
20,477	46,023	66,500	10,230	15,262	25,492	..	..	..	..	27
..	11,017	11,017	..	1,395	1,395	..	388	388	..	28

Schedule A.—Budget Estimate of Sanctioned Works

Number of item.	Sanction. Number.	Sanction. Date.	Particulars.	Amount of Estimate. Cash outlay in India.	Value of stores.	Total.
			Stations and Buildings—cont.	Rs.	Rs.	Rs.
29	C.E. No. 636 ..	22nd Sept. 1887.	Well 20 feet internal diameter and 30 feet deep for locomotive purposes at Tindivanam	1,240	391	1,631
30	C.E. No. 661 ..	3rd Oct. „	Well 20 feet internal diameter and 25 feet deep for locomotive purposes at Vikravandi	1,420	400	1,820
31	C.E. No. 711 ..	18th „ „	Fourth-class station at Padalam ..	4,206	3,210	7,416
32	C.E. No. 95 ..	8th Feb. 1888.	Permanent station arrangements at Unjalúr	6,497	9,417	15,914
33	C.E. No. 441 ..	12th July „	Constructing permanent station in lieu of temporary one at Pettaivayatalai station	5,650	7,848	13,498
34	C.E. No. 800 ..	6th Nov. „	Constructing store rooms and offices for Permanent-way Inspectors at Kumbakónam and Negapatam	2,780	1,506	4,286
35	C.E. No. 927 ..	13th Dec. „	Erecting lamps and lamp-posts on the transhipping platform at Arkónam and Erode	52	289	341
36	C.E. No. 135 ..	9th Feb. 1889.	Sinking a well 15 feet in diameter and constructing a cast-iron tank at Pallávaram	1,512	1,999	3,511
37	G.O. No. 283 R.	14th Mar. „	Constructing Permanent-way Inspectors' bungalows and out-houses at Máyavaram and Tanjore stations	6,766	2,112	8,878
38	C.E. No. 407 ..	8th May „	Constructing store room and office for Permanent-way Inspector at Máyavaram	1,382	743	2,125
39	C.E. No. 405 ..	8th „ „	Constructing tank house and well at Palur station	1,914	1,045	2,959
	C.E. No. 425 ..	16th April 1890.				
40	C.E. No. 607 ..	10th July 1889.	Constructing Permanent-way Inspector's bungalow and out-houses at Kumbakónam	3,383	1,056	4,439
41	G.O. No. 763 R.	10th „ „	Providing an additional siding and a Permanent-way Inspector's bungalow at Egmore station	5,346	3,881	9,227
42	C.E. No. 680 ..	3rd Aug. „	Constructing Permanent-way Inspector's bungalow and out-houses at Negapatam.	3,928	1,064	4,992
43	C.E. No. 867 ..	23rd Sept. „	Providing guttering to covered way over passengers' platform of Egmore station.	1,351	2,110	3,461
44	G.O. No. 1112 R.	17th Oct. „	Extension of covered way west end of station-house by 265 feet long at Trichinopoly junction station	2,359	15,740	18,099
45	G.O. No. 1085 R.	10th „ „	Enlarging Villupuram station to provide accommodation for Villupuram-Dharmavaram extension	38,554	59,811	98,365
46	C.E. No. 998 ..	5th Nov. „	Providing store room and office for Permanent-way Inspector at Egmore station	1,397	745	2,142
47	C.E. No. 113 ..	29th Jan. 1890.	Constructing a rolling stock repairing shed, Egmore	756	4,229	4,985
48	..	..	Expenditure on new minor works in excess of Revenue provision transferred to Capital	..	..	..
			Total ..	7,31,230	6,40,572	13,71,802

Trichinopoly,
25th April 1890.

for 9 months ending 31st December 1890—*cont.*

Actual Expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable Expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of Expenditure up to 31st December 1890. Cash outlay in India.	Value of stores.	Total.	Estimated expenditure in future years.	Number of item.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
963	197	1,160	277	194	471	..	..	..	..	29
993	258	1,251	427	142	569	..	..	..	..	30
..	..	..	..	..	..	4,206	3,210	7,416	..	31
4,684	6,398	11,082	1,813	3,019	4,832	..	..	..	..	32
563	..	563	5,087	7,848	12,935	..	..	..	..	33
52	1,501	1,553	1,728	5	1,733	1,000	..	1,000	..	34
16	145	161	36	144	180	..	..	..	..	35
..	..	..	712	999	1,711	800	1,000	1,800	..	36
..	..	..	3,766	1,112	4,878	3,000	1,000	4,000	..	37
..	..	..	1,382	743	2,125	..	..	..	..	38
..	..	..	841	430	1,271	1,073	615	1,688	..	39
..	..	..	383	256	639	3,000	800	3,800	..	40
..	..	..	3,346	2,881	6,227	2,000	1,000	3,000	..	41
..	..	..	2,928	864	3,792	1,000	200	1,200	..	42
..	..	..	..	..	..	1,351	2,110	3,461	..	43
..	..	..	499	100	599	1,860	15,640	17,500	..	44
..	..	..	10,000	10,000	20,000	28,554	49,811	78,365	..	45
..	..	..	600	300	900	797	445	1,242	..	46
..	..	..	..	..	..	756	4,229	4,985	..	47
..	..	..	4,598	4,181	8,779	..	..	..	..	48
3,30,317	3,88,228	7,18,545	1,66,341	1,54,234	3,20,575	93,085	94,955	1,88,040	..	..

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

Schedule B.—Budget Estimate of Works not sanctioned

Number of item.	Sanction.		Particulars.	Amount of Estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total.
			Bridges.	Rs.	Rs.	Rs.
1	....	....	Fixing overhead and diagonal bracings to bridges of 109 and 120 feet spans ..	4,000	11,729	15,729
2	....	....	Cutting channel in the bed of the Tondyar river at 84/5 miles	817	..	817
3	....	....	Cutting channels in the bed of the Gingee river at 85/13 miles	2,128	..	2,128
			Permanent-way.			
4	....	....	Proposed removing and relaying and extension of Beach station (Madras) sidings	5,775	10,157	15,932
			Stations and Buildings.			
5	....	....	Dispensaries at Madras, Cuddalore, Negapatam, Trichinopoly, Madura and Tuticorin	20,598	8,562	29,160
6	....	....	Store-room and office for Permanent-way Inspector at Villupuram	1,382	743	2,125
7	....	....	Permanent bungalows for Permanent-way Inspectors at Chingleput, Villupuram, Cuddalore Old Town, Trichinopoly and Madura	21,886	11,724	33,610
8	....	....	Water-supply for Trichinopoly to be taken from Cauvery	15,082	44,660	59,742
9	....	....	Removal and reconstruction of slaughter-house adjoining the Cuddalore Old Town	903	163	1,066
10	....	....	Latrine for Locomotive Department at Negapatam	3,554	1,439	4,993
11	....	....	Further Locomotive accommodation at Negapatam	43,558	1,07,097	1,50,655
12	....	....	Baling stage on well near Kadambur ..	148	1,294	1,442
13	....	....	Additional siding and platform with 100 feet covered way on west side of dock sidings, Chingleput	5,214	10,097	15,311
14	....	....	Light iron roof over loading bank at Tuticorin	987	3,599	4,586
15	....	....	Light iron roof over loading bank north end of Dindigul goods-shed	1,066	2,521	3,587
16	....	....	Permanent station arrangements at Kumarapuram	4,422	2,423	6,845
17	....	....	Constructing a cook-house to the waiting-room and a bungalow for the Matron in charge of waiting-room, Ammayánayakanur	1,079	340	1,419
18	....	....	Extending transhipping platform and covered way by 130 feet at Arkónam station	1,140	1,754	2,894
19	....	....	Extending distant signals at all stations to 425 yards from extreme points ..	2,000	13,000	15,000
			Total ..	1,35,739	2,31,302	3,67,041

Trichinopoly,
25th April 1890.

by Government but authorised either by the Board or Agent.

Actual Expenditure up to close of official year 1888-89.			Probable Expenditure during 1889-90.			Budget Estimate of Expenditure up to 31st December 1890.			Estimated expenditure in future years.	Number of item.
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.	
..	..	..	..	..	..	2,667	7,819	10,486	..	1
..	..	..	..	..	..	817	..	817	..	2
..	..	..	..	..	..	2,128	..	2,128	..	3
..	..	..	..	..	..	3,850	6,771	10,621	..	4
..	..	..	..	..	..	2,289	960	3,249	..	5
..	..	..	..	..	..	1,382	743	2,125	..	6
..	..	..	..	..	..	6,427	3,364	9,791	..	7
..	..	..	..	..	..	10,055	29,773	39,828	..	8
..	..	..	..	..	..	903	163	1,066	..	9
..	..	..	..	..	..	2,369	959	3,328	..	10
..	..	..	..	..	..	13,333	46,667	60,000	..	11
..	..	..	..	..	..	148	1,294	1,442	..	12
..	..	..	..	..	..	3,579	6,070	9,649	..	13
..	..	..	..	..	..	987	3,599	4,586	..	14
..	..	..	..	..	..	1,066	2,521	3,587	..	15
..	..	..	..	..	..	2,948	1,615	4,563	..	16
..	..	..	..	..	..	1,079	340	1,419	..	17
..	..	..	..	..	..	1,140	1,754	2,894	..	18
..	..	..	..	..	..	1,000	6,500	7,500	..	19
..	..	..	..	..	..	58,167	1,20,912	1,79,079	..	

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

SOUTH INDIAN RAILWAY.

Locomotive Department.

Schedule A.—Budget Estimate of Sanctioned Works for 9 months ending 31st December 1890.

Number of item.	Government of Madras sanction. Number and date.	Particulars.	Amount of Estimate. Cash outlay in India.	Value of stores.	Total.	Actual expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of expenditure up to 31st Dec. 1890. Cash outlay in India.	Value of stores.	Total.
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	C. E. No. 1703, 15th Dec. 1879.	1 Composite carriage	672	3,568	4,240	..	..	..	..	..	..	672	3,568	4,240
2	G.O. No. 423 R., 30th June 1882.	1 Covered goods wagon ..	76	1,224	1,300	..	..	..	..	..	..	76	1,224	1,300
		1 Five-ton travelling crane ..	200	7,800	8,000	..	..	..	..	..	..	200	7,800	8,000
3	G. O. No. 211 R., 12th Mar. 1886.	10 Passengers' brakevans ..	12,500	18,500	31,000	7,452	10,840	18,292	5,048	7,660	12,708	..	..	..
4	G.O. No. 664 R., 25th Aug. 1886.	5 Composite carriages	6,875	18,125	25,000	2,500	3,700	6,200	4,375	14,425	18,800	..	..	..
		8 Timber trucks	1,320	13,080	14,400	204	727	931	1,116	12,353	13,469	..	..	..
5	G.O. No. 574 R., 10th July 1888.	25 Third-class carriages ..	15,000	47,500	62,500	..	..	..	12,000	7,500	19,500	3,000	40,000	43,000
6	G.O. No. 1214 R., 6th Nov. 1889.	12 Second-class carriages ..	10,356	30,876	41,232	..	..	..	4,500	11,232	15,732	5,856	19,644	25,500
		13 Third-class carriages ..	7,800	24,700	32,500	..	..	..	3,000	4,700	7,700	4,800	20,000	24,800
		Total ..	54,799	1,65,373	2,20,172	10,156	15,267	25,423	30,039	57,870	87,909	14,604	92,236	1,06,840

Schedule B.—Budget Estimate of Works not sanctioned by Government, but authorised by either the Board or Agent.

Item number.	Sanctioned.	Particulars.	Amount of Estimate. Cash outlay in India.	Value of stores.	Total.	Actual expenditure up to close of official year 1888-89. Cash outlay in India.	Value of stores.	Total.	Probable expenditure during 1889-90. Cash outlay in India.	Value of stores.	Total.	Budget Estimate of expenditure up to 31st Dec. 1890. Cash outlay in India.	Value of stores.	Total.
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	..	Additional rolling-stock	48,150	1,51,850	2,00,000	..	..	..	..	..	..	48,150	1,51,850	2,00,000

(Signed) W. S. BETTS,
Agent.

Schedule C.—Budget Estimate on Capital Establishment for 9 months ending 31st December 1890.

Construction Works.

Number. 1889-90.	Number. 1890-91.		Actuals for 1888-89.	Budget Estimate for 1889-90.	Revised Estimate for 1889-90.	Budget Estimate to December 1890.
			Rs.	Rs.	Rs.	Rs.
..	..	Executive Engineer	6,388	..	..	..
..	1	Engineer	8,530	9,300	3,000	250
1	..	Sub-Assistant Engineer ..	..	..	..	..
..	2	Inspectors	7,321	5,400	3,000	..
2	..	Sub-Inspectors	530	720	720	..
2	..	Storekeepers	452	600	600	..
6	..	Peons and lascars	359	500	168	7
3	1	Clerks	1,334	1,260	..	..
..	..	Office allowances ..	126	180	..	..
..	..	Pension and leave contributions ..	1,079	..	..	..
..	..	Allowances for Engineers ..	1,374	900	..	..
..	..	Allowances for subordinates ..	33	..	..	..
		Total ..	27,525	18,860	7,488	257

Schedule D.—Budget Estimate of Emergent Works for 9 months ending 31st December 1890—

Nil.

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

Trichinopoly,
25th April 1890.

Schedule E.—Budget Estimate of Expenditure for purchase of Stores for 9 months ending 31st December 1890.

Detail.		Actual purchases during 1888-89. Quantity.	Amount.	Probable purchases during 1889-90. Quantity.	Amount.	Estimate purchases to 31st December 1890. Quantity.	Amount.
			Rs.		Rs.		Rs.
Indian.							
Timber	Tons.	2,416	2,54,007	1,487	1,54,500	300	45,000
Coal	,,	..	..	1,870	27,300	250	6,000
Firewood	,,	16,104	78,393	12,970	64,300	18,000	82,000
Iron	Candies.	96	2,857	210	6,700	200	5,000
Oil	,,	1,018	63,128	1,094	74,900	1,560	80,000
Stationery	..	..	28,337	..	44,700	..	30,000
Freight	..	..	2,01,847	..	1,55,800	..	1,00,000
Landing charges	..	..	60,530	..	53,800	..	40,000
Miscellaneous	..	..	2,83,979	..	2,50,000	..	2,50,000
Total Indian purchases	..	..	9,72,078	..	8,32,000	..	6,37,000
England.							
Girders and bridge-work	..	..	63,469	..	10,000	..	11,170
Locomotive and rolling-stock	..	..	13,677	..	2,20,000	..	26,830
Permanent-way materials	..	..	8,77,648	..	4,70,000	..	3,37,000
Station fittings	..	..	..	..	11,000	..	5,000
Miscellaneous	..	..	5,84,229	..	4,35,000	..	3,50,000
Freight	..	..	2,81,458	..	2,72,000	..	1,65,000
Insurance ..	..	..	9,896	..	15,000	..	10,000
Total Purchases in England ..		..	18,30,377	..	14,33,000	..	9,15,000

Memorandum.

		RS.
Actual balance of stores in hand, 1st April 1889		33,11,391
Estimated purchases during 1889-90 as above		22,65,000
Total ...		55,76,391
Estimated issues during 1889-90		19,86,804
Estimated balance on 1st April 1890		35,89,587
Estimated purchases during 1890		15,52,000
Total ...		51,41,587
Estimated issues during 1890		18,59,953
Estimated balance on 1st January 1891		33,81,634

English Transactions.

	Budget estimate for 9 months ending Dec. 1890.
	RS.
Indents to be sent home during year to 31st December 1890...	17,00,000
Add for indents of previous year expected to be complied with in official year	7,39,059
Add English establishment charges	90,000
Total ...	25,29,059
Deduct amount of orders not expected to be complied with until next year	15,24,059
Net capital cash transactions in England	10,05,000

TRICHINOPOLY,
30th April 1890.

(Signed) J. SMITH,
Chief Auditor.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read again the following paper :—

G.O., dated 9th May 1890, No. 618-19 R., Public Works.

Read also the following paper :—

From the Consulting Engineer for Railways, dated Madras, 5th May 1890, No. 314.

Final Issue of Capital Budget Estimate, South Indian Railway, for nine months ending 31st December 1890.

Submitted to Government for transmission to the Government of India in continuation of this office endorsement, No. 304, dated 1st May 1890.

ORDER—dated 9th May 1890, No. 620 R., Public Works.

Ordered to be forwarded to the Government of India in continuation of Proceedings of Government, No. 618-19 R., dated 9th May 1890.

(Here enter No. 621 R., dated 9th May 1890.)

(True Extract.)

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

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

ENDORSEMENT—dated 9th May 1890, No. 621 R., Public Works.

Forwarded.

(By Order).

Lt.-Col , R.E.,
Ag. Joint Secy. to Govt., P.W.D.

Exd. J Moses.
Spare Copies

RAILWAY.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated May, 9th.

Read. *Encl.*

G.O., 9th May 1890, Nos. 620 R., 621 R.

MAY.

South Indian Railway

Forwarding the Final Issue of the Capital Budget Estimate — for nine months ending 31st December 1890.