

Public Works (1890) Department.

RAILWAY BRANCH.

G.O., No. 620-1 Ry.

DATED 9th May

[Despatch Abstract.]

S. I. Ry. — 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. Ry. Forwarding the final issue of the Capital Budget estimate — for 9 months ending 31-12-90.

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

Abstract of Estimated Cash Expenditure in India on the
South Indian Railway for the Official year 1880 81

PARTICULARS.	Actuals for		Budget Estimate for	Regular Estimate for	Budget Estimate for
	1888	89	1889-90	1889-90	1890-91
CAPITAL OUTLAY.					
ENGINEERING DEPARTMENT.					
Sanctioned Works as per Schedule A.					
Works to be Sanctioned Do. B.					
Emergent Works Do. D.					
LOCOMOTIVE DEPARTMENT.					
Sanctioned Works as per Schedule A.					
Works to be Sanctioned Do. B.					
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.					
Stores as per Schedule E.					
Miscellaneous					
Total					
Decrease in Cash Balance					
Total withdrawals on Capital Account					
RECEIPTS TO BE CREDITED CAPITAL ACCOUNT.					
Share Capital paid in India					
Refunds on accounts of Stores sold to Revenue and others					
Refunds of Receipts from Revenue for work done					
Other Refunds					
Home Expenditure &c.					
Miscellaneous					
Total payments into Treasury on Capital Account					
Net Cash Payment of the year on Capital Account					
" " withdrawal do. do. do.					
ENGLAND.					
PURCHASE OF STORES.					
Indents to be sent Home during the year					
Previous Indents to be complied with					
Total					
Deduct for Indents estimated to be complied with in the following year.					
Total outlay for Stores					
HOME EXPENDITURE.					
Home Expenditure					
Furlough and Sick leave allowances					
Family and Sundry Payments less receipts					
Total Home Expenditure and Payments					
Total Cash Demand in England					

Chief Auditor's Office,
Trichinopoly 30th April 1888.

Chief Auditor

William Beeth

Original

Final Issue

South Indian Railway
Engineering Department

Budget Estimate for the year ending 31st December 1890

Railway
Department
A

works for the year ending 31st December 1890

Actual expenditure up to close of official year 1889-90			Probable expenditure during 1889-90			Budget Estimate of expenditure up to 31 st December 1890			Estimated Expenditure in future years
Cash Outlay in India	Value of Stores	Total	Cash Outlay in India	Value of Stores	Total	Cash Outlay in India	Value of Stores	Total	
68438	3928	72366	5000	500	5500	"	"	"	"
48007	9645	57652	2000	"	2000	"	"	"	"
9012	3193	12205	300	"	300	"	"	"	"
30500	16971	47471	14751	6000	20751	1000	"	1000	"
42226	20535	62761	22975	1000	23975	1000	"	1000	"
8366	1000	9366	1500	"	1500	"	"	"	"
13159	827	13986	1000	"	1000	"	"	"	"
2445	1095	3540	107	"	107	"	"	"	"
22459	10536	32995	600	"	600	"	"	"	"
1754	381	2135	5225	2554	7779	1000	"	1000	"
"	"	"	2098	"	2098	"	"	"	"
101	"	101	377	"	377	"	"	"	"
194	3510	3704	10260	3772	14032	3000	1000	4000	"
4223	38929	43152	33791	7155	40946	28846	1154	30000	"
"	"	"	87	"	87	298	"	298	"
"	"	"	500	546	1046	2421	"	2421	"
"	"	"	"	"	"	381	"	381	"
250884	110550	361434	100571	21527	122098	37946	2154	40100	"

South Indian
Engineer
Schedule
Budget Estimate of Sanctioned

Sanction			Amount of Estimate		
No. of item	No.	Date	Particulars	Cash Outlay in India	Value of stores Total
Bridges					
1	G.O. 1437 R	15-1-86	Protective works to Bridges on Divisions 1, 2, 3, & 4	172137	8606 180743
2	G.O. 1464 R	16-8-86	Lowering bank between 44 miles 37 chains and 46 miles 13 chains, adding 6-25 feet spans at $\frac{44}{17}$ mile and pitching throughout	65016	8918 73934
3	Ch. 228	7-4-87	Addition of 4-25 feet spans to the 20 feet girder Bridge at $\frac{77}{17}$ miles	8699	4060 12759
4	Ch. 233	13-4-87	Addition of 12-100 feet spans to the Tondyar Bridge at $\frac{84}{17}$ miles	46251	22971 69222
5	Ch. 315 A	20-5-87	Addition of 11 spans to the Gingi Bridge at $\frac{85}{13}$ ms and raising embankment	66201	19533 85734
6	Ch. 393	16-6-87	Constructing curtain walls, flooring and aprons for 14 th , 15 th , 16 th , and 17 th spans of Ponias Bridge at $\frac{105}{15}$	9947	497 10444
7	Ch. 493	26-7-87	Raising the Paravanas Bridge and approaches and pitching the approaches at $\frac{136}{9}$ miles	40199	2010 42209
8	Ch. 536	16-8-87	Converting the 1-12 feet Girder Bridge into a 25 feet girder opening & raising line 1 foot at $\frac{264}{15}$	2552	878 3430
9	Ch. 547	20-8-87	Bridge of 4-40 feet Girders at $\frac{134}{15}$ miles	28774	11247 40021
10	Ch. 153	1-3-88	Adding 1-50 feet span to the existing 4-50 feet girder Bridge at $\frac{431}{8}$ miles	7979	2935 10914
11	Ch. 732	22-10-88	Rough stone pitching for protection of line between A $\frac{71}{2}$ & A $\frac{71}{12}$ miles	2098	" 2098
12	Ch. 43	16-1-89	Curtain walls, apron, flooring and pitching to 6 feet Rail girder at $\frac{253}{14}$ miles	478	" 478
13	G.M. 1016 R	1-2-89	Converting existing 30 feet Girder Bridge at $\frac{151}{5.6}$ into a 70 feet Girder Bridge over the Porto Novotanal	13454	8282 21736
14	{ G.M. 1015 R G.L. 1015 R	{ 18-1-89 9-2-89	Adding 5-100 feet spans to the existing 10-100 ft girders over the River Gadulam at $\frac{124}{4}$ miles	68014	51084 119098
15	Ch. 740	19-8-89	Providing flooring and apron to 6 feet culvert at $\frac{295}{13}$ miles	385	" 385
16	Ch. 843	17-9-89	Constructing one 12 ft girder Bridge for flood opening at 130 miles 62 chains	2921	546 3467
17	Ch. 16	9-1-90	Providing stone toe to groyne at $\frac{302}{6}$ miles	381	" 381

Carried forward 535486141567 677053

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Schedule
Budget Estimate of Sanctioned

Sanctions			Amount of Estimate			
No. of Schemes	No.	Date	Particulars	Cash Outlay in India	Value of Stores	Total
			Brought forward	535486	141567	677053
			<u>Permanent Way</u>			
18	Clk 664	29-7-89	Extra siding accommodation required by Messrs Pany & Company at Nellikuppam	932	2973	3905
19	Clk 672	29-10-89	Extension of Wharf siding to Messrs Pany & Co. Premises at Buddalore Old Town	185	2523	2708
20	Clk 696	5-4-90	Filling in low ground and extending sidings at Buddalore Old Town	3047	1594	4641
21	Clk 691	2-4-90	Providing additional sidings to meet traffic requirements at Buddalore Old Town	62	1902	1964
22	Clk 637	19-3-90	Extending sidings at Panruti Station	2097	5528	7625
23	Clk 685	14-2-90	Through siding Puliyur Station	536	3329	3865
			<u>Stations and Buildings</u>			
24	Clk 724	19-10-87	Permanent 4 th class station at North Holatur	5785	4699	10484
25	G.I. MON 2002 11-3-86 G.I. MON 1640 2-3-86		Extension of Loco and carriage Workshops at Negapatam	59305	283280	342585
26	Clk 738	18-12-86	Store rooms and Offices for Permanent Way Inspectors at Dinidigul	2595	1496	4091
27	Clk 746	28-1-87	Additional accommodation at Egmore	30707	61285	91992
28	Clk 68	5-2-87	Providing fittings for the General Stores Buildings at Negapatam and erecting an iron shed for the Storage of Kerosine oil	0	12800	12800
29	Clk 636	22-9-87	Well 20 feet internal diameter and 30 feet deep for Locomotive purposes at Tindivanam	1240	391	1631
30	Clk 661	3-10-87	Well 20 feet internal diameter and 25 feet deep for Locomotive purposes at Vetravandi	1420	400	1820
31	Clk 711	18-10-87	Fourth class station at Padalam	4206	3210	7416
32	Clk 695	8-2-88	Permanent Station arrangements at Unjalur	6497	9417	15914
33	Clk 644	12-7-88	Constructing Permanent Station in lieu of temporary one at Pettavayatalai Station	5650	7848	13498
34	Clk 800	6-11-88	Constructing Store rooms and Offices for Permanent Way Inspectors at Kumbakonam and Negapatam	2780	1506	4286
			I carried forward	662530	545748	1208278

A Continued
works for the year ending 31st December 1890

Actual expenditure upto close of financial year 1888-89			Probable expenditure during 1889-90			Budget Estimate of Expenditure upto 31st December 1890			Estimated Expenditure in future years
Cash Outlay in India	Value of Stores	Total	Cash Outlay in India	Value of Stores	Total	Cash Outlay in India	Value of Stores	Total	
250884	110550	361434	100571	21527	122098	87946	2154	40100	0
"	"	"	932	2973	3905	"	"	"	X
"	"	"	185	2523	2708	"	"	"	X
"	"	"	"	"	"	3047	1594	4641	"
"	"	"	"	"	"	62	1902	1964	"
"	"	"	"	"	"	2097	5528	7625	"
"	"	"	"	"	"	536	3329	3865	"
2985	4220	7205	2800	479	3279	"	"	"	"
46754	206557	253311	12551	76723	89274	"	"	"	"
1946	1362	3308	649	134	783	"	"	"	"
20477	46023	66500	10230	15262	25492	"	"	"	X
"	11017	11017	"	1395	1395	"	388	388	"
963	197	1160	277	194	471	"	"	"	"
993	258	1251	427	142	569	"	"	"	"
"	"	"	"	"	"	4206	3210	7416	"
4684	6398	11082	1813	3019	4832	"	"	"	"
563	"	563	5087	7848	12935	"	"	"	X
52	1501	1553	1728	5	1733	1000	"	1000	"
330301	388083	718384	137250	132224	269474	48894	18105	66999	"

Schedule

Budget Estimate of Sanctioned works

Sanction		Particulars	Amount of Estimate			
No. of Item	No. Date		Cash Outlay in India	Value of Stores	Total	
Brought forward			662530	545748	1208278	
Stations and Buildings included						
35	Clk 1927 13-12-88	Erecting lamps and lamp posts on the transshipping platform at Arkonam and Erode.	52	289	341	
36	Clk 1359 2-8-89	Sinking a Well 15 feet in diameter & constructing a cast iron tank at Pallavaram.	1572	1999	3571	
37	G.MOR 283R 14-3-89	Constructing Permanent Way Inspectors Bungalows and Outhouses at Mayavaram & Tanjore stations.	6766	2112	8878	
38	Clk 407 8-5-89	Constructing store room and Office for Permanent Way Inspector at Mayavaram.	1882	743	2625	
39	Clk 405 8-5-89	Constructing Tank house and Well at Pallur station.	1914	1045	2959	
40	Clk 425 16-4-90		Constructing Permanent Way Inspectors Bungalow and Out houses at Kumbakonam.	3883	1056	4939
41	G.MOR 763R 10-7-89		Providing an additional siding & a Permanent Way Inspectors Bungalow at Egmore station.	5346	3881	9227
42	Clk 680 3-8-89	Constructing Permanent Way Inspectors Bungalow and Out houses at Nagapattinam.	3928	1064	4992	
43	Clk 867 23-9-89	Providing guttering to Covered way over passengers platform of Egmore station.	1357	2110	3467	
44	G.MOR 112R 17-10-89	Extension of Covered Way West end of Station house by 265 feet long at Trichinopoly Junction station.	2359	15740	18099	
45	G.MOR 1085 10-10-89	Enlarging Villupuram station to provide accommodation for Villupuram Dharmavaram Extension.	38554	59811	98365	
46	Clk 998 5-11-89	Providing store room and Office for Permanent Way Inspector at Egmore station.	1397	745	2142	
47	Clk 113 29-1-90	Constructing a Rolling stock Repairing shed Egmore.	756	4229	4985	
48	-	Expenditure on New Minor Works in excess of Revenue provision transferred to Capital.	"	"	"	
Total			731230	640572	1371802	

Chief Engineer's Office
Trichinopoly 25th April 1900

A Concluded

for the year ending 31st December 1890

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
Cash Outlay in India	Value of Stores	Total	Cash Outlay in India	Value of Stores	Total	Cash Outlay in India	Value of Stores	Total	
330301	388083	718384	137250	132224	269474	48894	18105	66999	"
16	145	161	36	144	180	"	"	"	"
"	"	"	712	999	1711	800	1000	1800	"
"	"	"	3766	1112	4878	3000	1000	4000	"
"	"	"	1382	743	2125	"	"	"	"
"	"	"	841	430	1271	1073	615	1688	"
"	"	"	383	256	639	3000	800	3800	"
"	"	"	3346	2881	6227	2000	1000	3000	"
"	"	"	2928	864	3792	1000	200	1200	"
"	"	"	"	"	"	1357	2110	3467	"
"	"	"	499	100	599	1860	15640	17500	"
"	"	"	10000	10000	20000	28554	49811	78365	"
"	"	"	600	300	900	797	445	1242	"
"	"	"	"	"	"	756	4229	4985	"
"	"	"	4598	4181	8779	"	"	"	"
330317	388228	718545	166351	154234	320585	93085	94955	188040	"

Muni. J. Smith
for Chief Engineer

South India
Engineers
Schedule

Budget estimate of works not sanctioned by Government

Sanction			Particulars	Amount of Estimate		
No. of item	No.	Date		Cash Outlay in India	Value of Stores	Total
<u>Bridges</u>						
1			Fixing overhead and diagonal bracing to Bridges of 100 and 120 feet spans	4000	11729	15729
2			Cutting channel in the bed of the Tondyar River at 8 1/2 miles	817	"	817
3			Cutting channels in the bed of the Gingi River at 8 1/2 miles	2128	"	2128
<u>Permanent Way</u>						
4			Proposed removing and relaying and extension of Beach station (Madras) sidings	5775	10157	15932
<u>Stations and Buildings</u>						
5			Dispensaries at Madras, Cuddalore, Megapattam, Trichinopoly, Madura and Tuticorin	20598	8562	29160
6			Store room and Office for Permanent Way Inspector at Villupuram	1382	743	2125
7			Permanent Bungalows for Permanent Way Inspectors at Chingleput, Villupuram, Cuddalore Old Town, Trichinopoly and Madura.	21886	11724	33610
8			Water supply for Trichinopoly to be taken from Cauvery	15082	44660	59742
9			Removal and reconstruction of Slaughter house adjoining the Cuddalore Old Town	903	163	1066
10			Latrine for Locomotive Department at Megapattam	3554	1439	4993

Carried forward 76125 89177 165302

Railway
Department

B

not but authorized either by the Board or Agent.

Actual expenditure upto close of official year 1888-89			Probable expenditure during 1889-90			Budget Estimate of expenditure upto 31st December 1890			Estimated expenditure in future years
Cash India	Outlay Stores	Value of Total	Cash India	Outlay Stores	Value of Total	Cash India	Outlay Stores	Value of Total	
"	"	"	"	"	"	2667	7819	10486	"
"	"	"	"	"	"	817	"	817	"
"	"	"	"	"	"	2128	"	2128	"
"	"	"	"	"	"	3850	6771	10621	"
"	"	"	"	"	"	2289	960	3249	"
"	"	"	"	"	"	1382	743	2125	"
"	"	"	"	"	"	6427	3364	9791	"
"	"	"	"	"	"	10055	29773	39828	"
"	"	"	"	"	"	903	163	1066	"
"	"	"	"	"	"	2369	959	3328	"
"	"	"	"	"	"	32887	50552	83439	"

Schedule

Budget Estimate of works not Sanctioned by Government

Sanction No.	Date	Particulars	Amount of Estimate		
			Cash Outlay in India	Value of Stores	Total
		Brought forward	76125	89177	165302
		<u>Stations and Buildings Concluded.</u>			
11		Further Locomotive accommodation at Negapatam	43538	107097	150635
		Baling stage on Well near Madambur	148	1294	1442
12		Additional siding and platform with 100 feet			
13		Covered way on West side of dock sidings	5214	10097	15311
		Changleput			
		Light iron roof over loading bank at	987	3599	4586
14		Inticorin			
		Light iron roof over loading bank North	1066	2521	3587
15		end of Pindigul Goods shed			
16		Permanent Station arrangements at	4422	2423	6845
		Kannurapuram			
17		Constructing a cook house to the waiting room and a bungalow for the station in charge of Waiting room Ammayanayaka	1079	340	1419
		Extending transhipping platform and			
18		Covered way by 136 feet at Arkonam station	1140	1754	2894
19		Extending distant signals at all stations to 425 yards from extreme points	2000	13000	15000
		Total	135739	231302	367041

Chief Engineer's Office
Trichinopoly 25th April 1890

B Concluded

Government but authorized either by the Board or Agent

Actual expenditure upto close of official year 1888-89		Probable expenditure during 1889-90		Budget Estimate of expenditure upto 31 st December 1890		Estimated expenditure in future years
Cash Outlay in India	Value of Stores	Cash Outlay in India	Value of Stores	Cash Outlay in India	Value of Stores	
				32887	50552	83439
				13323	46667	60000
				148	1294	1442
				3579	6070	9649
				987	3599	4586
				1066	2521	3587
				2948	1615	4563
				1079	340	1419
				1140	1754	2894
				1000	6500	7500
				58167	120912	179079

Thos. Smith
for Chief Engineer

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South Indian Railway
Engineering Department
Schedule C
Construction Works

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

REGISTERED
 No. 569
 FILE
 No.

Number			Actuals	Budget	Revised	Budget
1889-90	1890-91		for 1888-89	Estimate for 1889-90	Estimate for 1889-90	Estimate for 1890.
4	4	Executive Engineer	6388	a	a	a
1	4	Engineer	8530	9300	a	a
4	1	Sub Assistant Engineer	a	a	3000	250
2	2	Inspectors	7321	5400	3000	a
2	2	Sub Inspectors	530	720	720	a
2	2	Storekeepers	452	600	600	a
6	1	Peons and Lascars	359	500	168	7
3	2	Clerks	1334	1260	a	a
		Office allowances	126	180	a	a
		Pension and leave contributions	1078	a	a	a
		Allowances for Engineers	1374	900	a	a
		Allowances for Subordinates	33	a	a	a
Total			27525	18860	7488	257

Chief Engineer's Office
 Trichinopoly 25th April 1890 }

Francis Smith
 for Chief Engineer

Print

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South
Loc

Budget Estimate Decr/90

Railway.
Department

9 months ending 31 Decr 1890

4
tioned works for the Official year 1890-91.

1889
Number of Items

Government
of Madras
Sanctions
No. and
date.

Particulars.

Ann Budget
Estimate

Cash outlay
in India.
Value of
Stores

Actual expenditure. Probable ex-
penditure during
official year 1889-90.

Budget esti-
mate of expendi-
ture for official
year 1890-91.

			Cash outlay in India.	Value of Stores		Cash out- lay in India	Value of Stores	Total	Cash out- lay in India	Value of Stores	Total	Cash out- lay in India	Value of Stores	Total
1	C.C. N ^o 1703 15. 12. 79	1. Composite Carriage	672	3568	4	"	"	"	"	"	"	672	3568	4240
2	G.O. N ^o 423R 30. 6. 82	1. Covered goods loaffow 1. Five ton travelling Crane	76	1224	13	"	"	"	"	"	"	76	1224	1300
			200	7800	80	"	"	"	"	"	"	200	7800	8000
3	G.O. N ^o 211R 12. 3. 86	10. Passenger's Brake vans.	12,500	18,500	310	7452	10840	18,292	5048	7660	12708	"	"	"
4	G.O. N ^o 664R 25. 8. 86	5. Composite carriages 8. Timber Trucks	6875	18125	25,000	2,500	3700	6,200	4,375	14,425	18,800	"	"	"
			1320	13080	14,400	204	727	931	1116	12,353	13,469	"	"	"
5	G.O. N ^o 574R 10. 7. 88	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. N ^o 1314R 6. 11. 89	12. Second class carriages 13. Third class carriages	10356	30876	41,232	"	"	"	4,500	11,232	15,732	5856	19644	25,500
			7800	24700	32,500	"	"	"	3,000	4,700	7,700	4,800	20,000	24,800
Total			54799	165373	220172	10,156	15267	25423	30,039	57,870	87,909	14,604	92236	106840

William Beth
Agent

South Indian Railway

Locomotive Department

Schedule B.

Brief estimate of works not sanctioned by Government but authorized by either the Board or Agent.

Source of Sanctions.	Particulars.	Amount of Estimate			Actual expenditure, probable share up to close of financial year of official year during 1888-89			Brief estimate for of the year 1890-91.		
		Book outlay in India	Value of Stores	Total	Book outlay in India	Value of Stores	Total	Book outlay in India	Value of Stores	Total
1	Additional Rolling Stock.	48,150	15,185	200,000	"	"	"	48,150	15,185	200,000

W. L. B. B. B. B.

W. L. B. B. B. B.

REGISTER
No. 869
FILE
No.

[Faint handwritten notes and calculations, mostly illegible due to fading and bleed-through from the reverse side.]

1/90

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etc

Engineering
Schedule D

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

Budget Estimate of expenditures upto
31st December 1890

Cash outlay in India	Value of labor	Total
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Nil

Emergent Works

Chief Engineer's Office

Pochniopoly 25th April 1890

Thos. J. Smith

for Chief Engineer

252

569

P.L. 2nd. 2nd.
4239/90

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SCHEDULE E.

Budget Estimate of Expenditure for purchase of Stores during 1889-90

DETAIL.	Actual purchases during 1888-89		Probable purchases during 1889-90		Estimated purchases during 31st Decr 1890	
	Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
INDIAN.						
Timber.	Tons	2416 254,007.	1,487	154,500.	300	45,000.
Coal	"	"	1,870	27,300	250	5,000.
Firewood.	"	16,104 78,393	12,970.	67,300.	18,000	82,000
Iron.	Candies	96 2,857.	210	6,700.	200	5,000.
Oil	"	1,018. 53,128	1,094	74,900.	1,500	80,000
Stationery.		28,337		44,700.		30,000.
Freight		201,847		1,55,800		100,000.
Landing Charges.		60,530		27,800.		40,000.
Miscellaneous.		282,979		250,000.		250,000.
Total Indian purchases.	..	972,078		832,000		637,000.
ENGLAND.						
Buildings 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		5,000.
Miscellaneous.		584,229.		4,35,000.		350,000.
Freight.		281,458.		272,000		1,65,000.
Insurance.		9,896		15,000.		10,000.
Total purchases in England		1830,377		1433,000.		915,000.

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

Chief Auditor.

MEMORANDUM.

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

ENGLISH TRANSACTIONS.

	Budget Estimate 1890-891 Rs.
Orders to be sent Home during year to 31 st Dec 1890	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
Net amount of orders not expected to be complied with until next year	15, 24, 059
Capital Cash transactions in England	10, 05, 000.

*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 Govern-
ment of India, in continua-
tion of this office endorsement
No. 304 dated 1st May 1890.*

Siding Smith

Major R.E.

By: Comd. Engr. for Railways

P. W. C. No. 4239
 From
 THE CONSULTING ENGINEER
 FOR RAILWAYS,
 MADRAS,

No. 314

Dated 5th } May 1890
 Received 6 }

No. of ENCLOSURES. / (In Duplicate)

Subject.

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

B

No. 620 R 99th May 1890.
 PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

^{again}
 Read the following: —

Progs. of the Madras Govt. } H.E. No 618-19 d 7th May 1890
 P. W. Department }

Read also the following: —

Endorsement from } H.E. No 314 d 5th May 1890
 the Govt. Engrs. for Ry. }

Ordered to be forwarded
 to the Govt. of India in con-
 tinuation of Pro: of Govt. No 618-19
 d 7th May 90.

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

Forwarded.

JS
 6.5.90.

D.R.

Info despatched to S. via
 with Budget Estos. (4 copies)
 7/5/90

To the Comptroller for Ry. ✓
 " Excr. Engrs. for Ry. ✓
 11/7

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 Esti- mate 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. ..				

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.		Particulars.	AMOUNT OF ESTIMATE.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total.
			<i>Bridges.</i>	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 Ponnaiar bridge 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 R.	18th Jan. "	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	G.I. No. 105	9th Feb. "				
16	C.E. No. 740 ..	19th Aug. "	Providing flooring and apron to 6-feet culvert at 295/13 miles ..	385	..	385
17	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
18	C.E. No. 16 ..	9th Jan. 1890.	Providing stone toe to groyne at 302/6 miles ..	381	..	381
			<i>Permanent-way.</i>			
19	C.E. No. 664 ..	29th July 1889.	Extra siding accommodation required by Messrs. Parry and Co. at Nellikuppam.	932	2,973	3,905
20	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
21	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
22	C.E. No. 391 ..	2nd " "	Providing additional sidings to meet traffic requirements at Cuddalore Old Town ..	62	1,902	1,964
23	C.E. No. 337 ..	19th Mar. "	Extending sidings at Panruti station ..	2,097	5,528	7,625
24	C.E. No. 185 ..	14th Feb. "	Through siding, Puliur station ..	536	3,329	3,865
			<i>Stations and Buildings.</i>			
25	C.E. No. 724 ..	19th Oct. 1887.	Permanent fourth-class station at North Kolatur ..	5,785	4,699	10,484
26	G.O. No. 203 R.	11th Mar. 1886.	Extension of Locomotive and Carriage Workshops at Negapatam ..	59,305	2,83,280	3,42,585
27	G.I. No. 164	2nd " "				
28	C.E. No. 738 ..	18th Dec. "	Store rooms and offices for Permanent-way Inspectors at Dindigul ..	2,595	1,496	4,091
29	C.E. No. 46 ..	28th Jan. 1887.	Additional accommodation at Egmore ..	30,707	61,285	91,992
30	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.			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.	
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.		Particulars.	AMOUNT OF ESTIMATE.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total.
			<i>Stations and Buildings—cont.</i>	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 Unjalur	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 Kumbakonam and Negapatam	2,780	1,506	4,286
35	C.E. No. 927 ..	13th Dec. ..	Erecting lamps and lamp-posts on the transshipping platform at Arkonam 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 Pallavaram	1,512	1,999	3,511
37	G.O. No. 283 R.	14th Mar. ..	Constructing Permanent-way Inspectors' bungalows and out-houses at Mayavaram 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 Mayavaram	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
40	C.E. No. 425 ..	16th April 1890.	Constructing Permanent-way Inspector's bungalow and out-houses at Kumbakonam	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.			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.	
963	197	1,160	277	194	471	..	..	..	..	29
993	258	1,251	427	142	569	4,206	3,210	7,416	..	30
..	..	..	..	..	..	..	..	..	..	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.
			<i>Bridges.</i>	RS.	RS.	RS.
1			Fixing overhead and diagonal bracings to bridges of 100 and 120 feet spans ..	4,000	11,729	15,729
2			Cutting channel in the bed of the Tondyar river at 84½ miles ..	817	..	817
3			Cutting channels in the bed of the Gingee river at 85½ miles ..	2,128	..	2,128
			<i>Permanent-way.</i>			
4			Proposed removing and relaying and extension of Beach station (Madras) sidings ..	5,775	10,157	15,932
			<i>Stations and Buildings.</i>			
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, Ammayanayakanur ..	1,079	340	1,419
18			Extending transshipping platform and covered way by 130 feet at Arkonam 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.	Particulars.	AMOUNT OF ESTIMATE.			ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1888-89.			PROBABLE EXPENDITURE DURING 1889-90.			BUDGET ESTIMATE OF EXPENDI- TURE UP TO 31ST DEC. 1890.		
			Cash out- lay in India.	Value of stores.	Total.	Cash out- lay in India.	Value of stores.	Total.	Cash out- lay in India.	Value of stores.	Total.	Cash out- lay 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
3	G. O. No. 211 R., 12th Mar. 1886.	1 Five-ton travelling crane ..	200	7,800	8,000	..	..	..	..	..	..	200	7,800	8,000
4	G. O. No. 664 R., 25th Aug. 1886.	10 Passengers' brakevans ..	12,500	18,500	31,000	7,452	10,840	18,292	5,048	7,660	12,708	..	..	..
5	G.O. No. 574 R., 10th July 1888.	5 Composite carriages ..	6,875	18,125	25,000	2,500	3,700	6,200	4,375	14,425	18,800	..	..	..
6	G.O. No. 1214 R., 6th Nov. 1889.	8 Timber trucks ..	1,320	13,080	14,400	204	727	931	1,116	7,500	19,500	..	..	..
		25 Third-class carriages ..	15,000	47,500	62,500	..	..	..	12,000	11,232	23,232	5,856	19,644	25,500
		12 Second-class carriages ..	10,356	30,876	41,232	..	..	..	4,500	4,700	9,200	4,800	20,000	24,800
		13 Third-class carriages ..	7,800	24,700	32,500	..	..	..	3,000	57,870	60,870	14,604	92,236	1,06,840
		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.	Particulars.	AMOUNT OF ESTIMATE.			ACTUAL EXPENDITURE UP TO CLOSE OF OFFICIAL YEAR 1888-89.			PROBABLE EXPENDITURE DURING 1889-90.			BUDGET ESTIMATE OF EXPENDI- TURE UP TO 31ST DEC. 1890.		
		Cash out- lay in India.	Value of stores.	Total.	Cash out- lay in India.	Value of stores.	Total.	Cash out- lay in India.	Value of stores.	Total.	Cash out- lay 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.

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

Construction Works.

Number.			Actuals for 1888-89.	Budget Estimate for 1889-90.	Revised Estimate for 1889-90.	Budget Estimate to Decem- ber 1890.
			RS.	RS.	RS.	RS.
1	Executive Engineer ..	..	6,388	..	..	..
2	Engineer ..	..	8,530	9,300	3,000	250
3	Sub-Assistant Engineer ..	..	7,321	5,400	3,000	..
4	Inspectors ..	..	530	720	720	..
5	Sub-Inspectors ..	..	452	600	600	7
6	Storekeepers ..	..	359	500	168	..
7	Peons and lascars ..	..	1,334	1,260	..	..
8	Clerks ..	..	126	180	..	..
9	Office allowances ..	..	1,078	..	..	..
10	Pension and leave contributions ..	..	1,374	900	..	..
11	Allowances for Engineers ..	..	33	..	..	..
12	Allowances for subordinates ..	..	..	..	..	..
	Total ..		27,525	18,860	7,488	257

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

TRICHINOPOLY,
25th April 1890.

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

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

Detail.	ACTUAL PURCHASES DURING 1888-89.		PROBABLE PURCHASES DURING 1889-90.		ESTIMATE PURCHASES TO 31st DECEMBER 1890.	
	Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
<i>Indian.</i>						
Timber ..	2,416	2,54,007	1,487	1,54,500	300	45,000
Coal ..	16,104	78,393	12,970	27,300	250	5,000
Firewood ..	96	2,857	210	6,700	18,000	82,000
Iron ..	1,018	63,128	1,094	74,900	200	5,000
Oil ..	..	28,337	..	44,700	..	80,000
Stationery ..	..	2,01,847	..	1,55,800	..	1,00,000
Freight ..	..	60,530	..	53,800	..	40,000
Landing charges ..	..	2,82,979	..	2,50,000	..	2,50,000
Miscellaneous ..	..	..	..	..	..	..
Total Indian purchases ..	..	9,72,078	..	8,32,000	..	6,37,000
<i>England.</i>						
Girders and bridge-work ..	..	63,469	..	10,000	..	11,170
Locomotive and rolling-stock ..	..	13,677	..	2,20,000	..	36,830
Permanent-way materials ..	..	8,77,648	..	4,70,000	..	3,37,000
Station fittings ..	..	5,84,229	..	11,000	..	5,000
Miscellaneous ..	..	2,81,458	..	4,35,000	..	3,50,000
Freight ..	..	9,896	..	2,72,000	..	1,65,000
Insurance ..	..	..	..	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				7,39,059
in official year	...	...	...	90,000
Add English establishment charges	...	...	...	
		Total	...	25,29,059
Deduct amount of orders not expected to be complied with				15,24,059
until next year	...	...	...	
Net capital cash transactions in England	...	...	...	10,05,000

TRICHINOPOLY,
30th April 1890.

(Signed) J. SMITH,
Chief Auditor.

9TH MAY 1890, No. 620 R., PUBLIC WORKS.

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.

Recd.

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.