

Public Works (1893) Department.



RAILWAY BRANCH.

G.O., No. 956 - 57 R

DATED 19th June

[Despatch Abstract.]

South Indian Railway Capital Budget

Estimate for 1893-94.

Schedules A & B of sanctioned and unsanctioned works to accompany the —, ordered to be forwarded to the Govt. of India.

Forwarding, for information, Schedules A & B of sanctioned and unsanctioned works to accompany the —.

FURTHER PAPERS.

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

SOUTH INDIAN RAILWAY.
ENGINEERING DEPARTMENT—SCHEDULES A AND B.
Budget estimate of sanctioned and unsanctioned works for the official year 1893-94.

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94.

Item number.	Description of work.	Amount of estimate.			Actual expenditure up to 1891-92.			Probable expenditure in 1892-93.			Balance.		
		Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
SCHEDULE A.—SANCTIONED WORKS.													
ENGINEERING DEPARTMENT.													
Works in progress exceeding Rs. 5,000.													
1	Enlarging the station to provide accommodation for Villupuram-Guntakal Railway at Villupuram ..	46,702	53,701	1,00,403	45,725	69,322	1,05,047	20	2,880	2,900	957	8,501	* 7,544
2	Constructing extra siding accommodation and covered way at Chingleput ..	5,207	10,067	15,304	2,742	8,445	11,187	475	2,525	3,000	1,990	873	1,117
3	Providing fourth-class station at Padalam ..	7,100	13,128	20,228	1,880	424	2,304	5,000	5,000	10,000	220	604	824
4	Further locomotive workshop accommodation, Negapatam ..	52,404	1,22,000	1,74,404	27,459	55,139	82,598	2,968	5,952	8,920	21,977	60,909	82,886
5	Enlarging the station to provide accommodation for Mayavaram-Muttupet Railway at Tiruválur junction ..	24,914	37,199	62,113	3,653	4,468	8,121	11,500	8,500	20,000	9,761	24,231	33,992
6	Providing accommodation for apothecary and dispensary at Negapatam ..	5,492	1,671	7,163	599	10	609	350	150	500	4,543	1,511	6,054
7	Erecting baling stage on well near Kadambar station. ..	3,177	7,911	11,088	1,137	7,421	8,558	1,540	490	2,030	500	..	500
8	Constructing permanent-way inspector's bungalow and out-houses at Madura ..	4,218	1,221	5,439	1,288	837	2,125	1,930	384	2,314	1,000	..	1,000
9	Constructing permanent-way inspector's bungalow and out-houses at Tuticorin ..	4,346	1,332	5,678	620	738	1,358	2,726	494	3,220	1,000	..	1,000
10	Shifting existing distant signals from facing points at 100 stations ..	210	5,573	5,783	21	2,651	2,672	50	450	500	139	2,472	2,611
11	Constructing a shed for sheltering carriages when the present shelter line is converted into run round at Trichinopoly junction ..	1,373	8,524	9,897	47	2,361	2,408	1,226	5,263	6,489	100	900	1,000
12	Constructing two blocks of European and two blocks of native drivers' quarters at Villupuram ..	11,002	8,254	19,256	5,012	452	5,464	10,221	4,445	14,666	4,231	3,357	* 874
13	Providing home signals at 36 stations ..	8,542	8,764	12,308	..	..	..	1,200	11,106	12,306	2,342	2,842	..
14	Extension of covered way at Trichinopoly junction. ..	2,359	15,740	18,099	1,722	14,682	16,404	..	32	82	637	976	1,613
15	Constructing an apothecary's quarters and dispensary at Egmore ..	3,728	2,624	6,352	..	..	..	878	274	652	3,350	2,350	5,700
16	Constructing an apothecary's quarters and dispensary at Madura ..	2,617	2,514	5,131	..	..	..	617	614	1,231	2,000	1,900	3,900
17	Constructing an apothecary's quarters and dispensary at Trichinopoly ..	3,598	1,668	5,266	..	..	..	3,448	1,618	5,066	150	50	200
18	Erecting a permanent shed for rolling-stock at Negapatam ..	5,872	25,536	31,408	..	..	..	5,000	25,000	30,000	872	536	1,408
19	Laying pipes to staff quarters, sinking an additional well and raising tank house at Madura ..	1,322	4,440	5,762	..	..	..	200	400	600	1,122	4,040	5,162
20	Constructing an apothecary's quarters and dispensary at Villupuram ..	3,820	2,716	6,536	..	..	..	3,056	2,173	5,229	764	543	1,307

* The excesses over these estimates are under investigation.

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—*cont.*

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Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—*cont.*

REVISION FOR 1893-94—cont.

Item number.	Description of work.	VII.—Ballast and permanent-way.			VIII.—Stations and buildings.			IX.—Plant.			XI.—Rolling-stock.			Grand total.		
		Cash.		Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	
		30	31	32	33	34	35	36	37	38	39	40	41	42	43	
ENGINEERING DEPARTMENT.																
Works in progress exceeding Rs. 5,000.																
1	Enlarging the station to provide accommodation for Villupuram-Guntakal Railway at Villupuram ..	..	..	..	Rs. 420	Rs. 2,880	Rs. 3,300	..	..	..	..	..	..	Rs. 420	Rs. 2,880	
2	Constructing extra siding accommodation and covered way at Chingleput ..	..	..	..	.. 220	.. 604	.. 824	..	..	..	..	..	..	.. 220	.. 604	
3	Providing fourth-class station at Padalam ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
4	Further locomotive workshop accommodation, Negapatam ..	238	2,807	3,045	6,355	16,920	23,275	..	..	..	..	..	..	7,093	19,727	
6	Enlarging the station to provide accommodation for Mayavaram-Mattupet Railway at Tiruvātur junction ..	4,580	11,000	15,880	1,497	10,416	11,513	..	..	..	..	..	..	9,761	22,000	
8	Providing accommodation for apothecary and dispensary at Negapatam ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
7	Erecting baling stage on well near Kadambér station. ..	..	..	..	4,543	1,511	6,054	..	..	..	..	..	..	4,543	1,511	
8	Constructing permanent-way inspector's bungalow and out-houses at Madura ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
9	Constructing permanent-way inspector's bungalow and out-houses at Tuticorin ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
10	Shifting existing distant signals from facing points at 100 stations ..	..	..	..	60	1,236	1,296	..	..	..	..	..	..	60	1,236	
11	Constructing a shed for sheltering carriages when the present shelter line is converted into run round at Trichinopoly junction ..	..	..	..	100	900	1,000	..	..	..	..	..	..	100	900	
12	Constructing two blocks of European and two blocks of native drivers' quarters at Villupuram ..	..	..	..	.. 25	.. 275	.. 300	..	..	..	..	..	..	.. 25	.. 275	
13	Providing home signals at 36 stations ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
14	Extension of covered way at Trichinopoly junction. ..	..	..	..	..	..	..	..	..	..	..	..	..	3,350	2,350	
15	Constructing an apothecary's quarters and dispensary at Egnore ..	..	..	..	3,350	2,350	5,700	..	..	..	..	..	..	2,000	1,900	
16	Constructing an apothecary's quarters and dispensary at Madura ..	..	..	..	2,000	1,900	3,900	..	..	..	..	..	..	..	..	
17	Constructing an apothecary's quarters and dispensary at Trichinopoly ..	..	..	..	150	50	200	..	..	..	..	..	..	150	50	
18	Erecting a permanent shed for rolling-stock at Negapatam ..	..	..	..	872	536	1,408	..	..	..	..	..	..	872	536	
19	Laying pipes to staff quarters, sinking an additional well and raising tank house at Madura ..	..	..	..	1,122	4,040	5,162	..	..	..	..	..	..	1,122	4,040	
20	Constructing an apothecary's quarters and dispensary at Villupuram ..	..	..	..	764	543	1,307	..	..	..	..	..	..	764	543	

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—cont.

Item number.	Description of work.	Amount of estimate.			Actual expenditure up to 1891-92.			Probable expenditure in 1892-93.			Balance.		
		Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
SCHEDULE A.—SANCTIONED WORKS—cont.													
ENGINEERING DEPARTMENT—cont.													
Works in progress exceeding Rs. 5,000—cont.													
21	Tanjore-Pallyarpetti ballast siding ..	15,690	26,231	41,921	..	..	..	200	17,300	17,500	15,490	8,931	24,421
22	Joint water-supply scheme at Trichinopoly junction station ..	49,573	..	49,573	..	..	..	43,824	..	43,824	6,749	..	5,749
23	Enlarging Mayavaram station to provide accommodation for Mayavaram-Muttupet Railway ..	47,955	45,484	93,439	26	303	329	5,000	13,000	18,000	42,929	32,181	75,110
24	Lengthening through siding at Nellikuppam station. Works not commenced exceeding Rs. 5,000.	2,778	8,156	5,934	2,167	2,008	4,175	..	200	200	611	948	1,559
25	Extending through siding and platform at Kivalur. South Indian Railway.	5,600	2,083	7,683	..	..	..	..	..	..	5,600	2,083	7,683
26	Providing permanent station arrangements at Vencatapuram ..	1,649	7,528	9,177	22,649	19,353	41,902	35,243	83,655	68,898	1,649	7,528	9,177
27	Minor works as per schedule C ..	76,862	71,286	1,48,148	..	..	..	..	..	..	19,070	18,278	37,348
	Total, Engineering Department ..	3,98,110	4,83,181	8,76,291	1,16,647	1,78,614	2,95,261	1,36,172	1,41,955	2,78,127	1,40,291	1,62,612	3,02,903
LOCOMOTIVE DEPARTMENT.													
Works in progress exceeding Rs. 5,000.													
28	Twenty locomotive engines ..	10,000	4,28,300	4,38,300	..	..	..	2,352	1,900	4,252	7,648	4,26,400	4,34,048
CARRIAGE AND WAGON DEPARTMENT.													
Works in progress exceeding Rs. 5,000.													
South Indian Railway.													
29	Twenty first and second class composite carriages ..	56,000	1,34,740	1,90,740	..	..	..	3,171	7,000	10,171	62,829	1,27,740	1,80,569
30	Eighty third-class bogie carriages ..	1,06,400	3,76,320	4,82,720	..	..	..	477	410	887	1,03,923	3,75,910	4,81,833
31	Fitting brake gear outfits for engines and bogie carriages ..	7,000	1,03,685	1,10,685	..	..	..	..	..	..	7,000	1,03,685	1,10,685
32	Providing safety chains, hooks, springs, &c., complete for C.N.S. goods stock ..	848	5,512	6,360	..	..	..	..	..	..	848	5,512	6,360

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—cont.

Budget estimate for 1893-94. PROVISION FOR 1893-94.

Item number.	Description of work.	II.—Land.	III.—Formation.	IV.—Bridgework.	V.—Fencing.	VI.—Electric telegraph.										
		Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.						
		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
		RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
	ENGINEERING DEPARTMENT—cont.															
	Works in progress exceeding Rs. 5,000—cont.															
21	Tanjore-Pullyarpetti ballast siding ..	1,000	..	1,000	1,000	..	1,000	750	..	750	55	..	..	65	..	..
22	Joint water-supply scheme at Trichinopoly junction station ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23	Enlarging Mayavaram station to provide accommodation for Mayavaram-Muttupet Railway ..	3,000	..	3,000	3,000	..	3,000	..	..	..	1,100	800	1,900	..	..	..
24	Lengthening through siding at Nellikuppam station. Works not commenced exceeding Rs. 5,000.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	LOCOMOTIVE DEPARTMENT.															
	Works in progress exceeding Rs. 5,000.															
25	Extending through siding and platform at Kivalur. South Indian Railway.	..	..	..	1,810	..	1,810	200	..	200	..	..	..	..	..	..
26	Providing permanent station arrangements at Vencatapuram ..	150	384	534	253	160	413	600	..	600	990	21	990	141	141	..
27	Minor works as per schedule C ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total, Engineering Department ..	6,198	75	6,273	8,353	..	8,353	6,535	600	7,135	1,172	2,395	3,667	141	141	..
	CARRIAGE AND WAGON DEPARTMENT.															
	Works in progress exceeding Rs. 5,000.															
28	Twenty locomotive engines ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Nellore Branch.															
29	Twenty first and second class composite carriages ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
30	Eighty third-class bogie carriages ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
31	Fitting brake gear outfits for engines and bogie carriages ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
32	Providing safety chains, hooks, springs, &c., complete for C.N.S. goods stock ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—cont.

PROVISION FOR 1893-94—cont.

Item number.	Description of work.	VII.—Ballast and permanent-way.			VIII.—Stations and buildings.			IX.—Plant.			XI.—Rolling-stock.			Grand total.				
		Total.		Cash.	Total.		Cash.	Total.		Cash.	Total.		Cash.	Total.		Total.		
		Stores.	Total.		Stores.	Total.		Stores.	Total.		Stores.	Total.		Stores.	Total.			
		Cash.	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
SCHEDULE A.—SANCTIONED WORKS—cont.																		
ENGINEERING DEPARTMENT—cont.																		
Works in progress exceeding Rs. 5,000—cont.																		
21	Tanjore-Pullyaratti ballast siding ..	Rs. 1,616	..	..	..	..	..	..	..	..	..	..	..	..	Rs. 4,421	..	Rs. 4,421	
22	Joint water-supply scheme at Trichinopoly junction station ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
23	Enlarging Mayavaram station to provide accommodation for Mayavaram-Muttupet Railway ..	2,000	7,000	9,000	8,900	24,200	33,100	..	..	..	..	..	..	..	18,000	32,000	50,000	
24	Lengthening through siding at Nellikuppam station. <i>Works not commenced exceeding Rs. 5,000.</i>	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
25	Extending through siding and platform at Kivalur. <i>South Indian Railway.</i>	2,901	1,638	4,539	689	446	1,134	..	..	..	..	..	..	..	5,600	2,083	7,683	
26	Providing permanent station arrangements at Vencatapuram ..	160	3,550	3,700	1,089	2,847	3,936	..	..	..	..	..	..	..	1,649	7,628	9,177	
27	Minor works as per schedule C ..	1,010	1,238	2,238	8,096	11,006	19,102	..	360	360	..	..	..	..	14,155	13,290	27,445	
	Total, Engineering Department ..	12,795	27,223	40,018	40,252	82,659	1,22,911	..	360	360	..	..	..	..	74,305	1,13,453	1,87,758	
LOCOMOTIVE DEPARTMENT.																		
28	Twenty locomotive engines ..	..	..	..	..	..	..	..	..	..	..	7,648	4,26,400	4,34,048	7,648	4,28,400	4,34,048	
CARRIAGE AND WAGON DEPARTMENT.																		
Works in progress exceeding Rs. 5,000.																		
29	Twenty first and second class composite carriages ..	..	..	..	..	..	..	..	..	..	..	62,829	1,27,740	1,80,569	62,829	1,27,740	1,80,569	
30	Eighty third-class bogie carriages ..	..	..	..	..	..	..	..	..	..	..	1,05,923	3,75,910	4,81,833	1,05,923	3,75,910	4,81,833	
31	Fitting brake gear outfits for engines and bogie carriages ..	..	..	..	..	..	..	..	..	..	..	7,000	1,03,685	1,10,685	7,000	1,03,685	1,10,685	
32	Providing safety chains, hooks, springs, &c., complete for C.N.S. goods stock ..	..	..	..	..	..	..	..	..	..	..	848	6,512	6,360	848	6,512	6,360	

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—cont.

Item number.	Description of work.	Amount of estimate.			Actual expenditure up to 1891-92.			Probable expenditure in 1892-93.			Balance.		
		Total.		Cash.	Total.		Cash.	Total.		Cash.	Total.		Total.
		Cash.	Stores.		Cash.	Stores.		Cash.	Stores.		Cash.	Stores.	
		3	4	5	6	7	8	9	10	11	12	13	14
SCHEDULE A.—SANCTIONED WORKS—cont.													
1	CARRIAGE AND WAGON DEPARTMENT—cont.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Works in progress exceeding Rs. 5,000—cont.</i>													
33	Villupuram-Guntakal Railway.	12,000	59,060	71,060	..	..	..	..	..	..	12,000	59,060	71,060
34	Ten first and second class composite carriages ..	8,800	32,560	41,360	..	..	..	..	..	..	8,800	32,560	41,360
35	Eight mail service vans ..	200	6,774	6,974	..	..	..	..	..	..	200	6,774	6,974
36	One five-ton travelling crane ..	..	..	..	..	..	..	..	..	..	..	..	..
<i>Works not commenced exceeding Rs. 5,000.</i>													
37	South Indian Railway.	6,800	1,07,040	1,13,840	..	..	..	..	..	..	6,800	1,07,040	1,13,840
38	Eighty iron covered goods wagons ..	1,500	47,100	48,600	..	..	..	..	..	..	1,500	47,100	48,600
39	Twenty iron low sided bogie wagons ..	748	4,792	5,540	..	..	..	..	..	..	748	4,792	5,540
40	Minor works as per schedule C ..	2,009,296	8,76,583	10,76,879	..	..	..	3,648	7,410	11,058	1,96,648	8,69,173	10,65,821
	Total, Carriage and Wagon Department ..	6,03,406	17,88,064	23,91,470	1,16,647	1,78,614	2,95,261	1,42,172	1,51,265	2,93,437	3,44,587	14,68,185	18,02,772
SCHEDULE B.—UNSANCTIONED WORKS.													
ENGINEERING DEPARTMENT.													
<i>Exceeding Rs. 5,000.</i>													
South Indian Railway.													
1	Additional sum required for enlarging the station to provide accommodation for Mayavaram-Muttupet Railway at Tiruvallur junction—vide item No. 5 of schedule A ..	14,322	8,008	22,330	..	..	..	..	..	..	14,322	8,008	22,330
2	Additional sum required for Tanjore-Pullyaratti ballast siding—vide item No. 21 of schedule A ..	11,069	4,367	15,436	..	..	..	..	..	..	11,069	4,367	15,436
3	Additional locomotive accommodation at Villupuram—Board's letter No. 42 of 20th November 1891 ..	57,242	48,800	1,06,042	..	..	..	2,348	..	..	54,894	48,800	1,03,694
4	Extending through sidings and platforms at stations—Board's letter No. 842 of 14th November 1890 ..	2,001	9,106	11,107	..	..	..	..	..	..	2,001	9,106	11,107
5	Providing two double blocks for European drivers and three double blocks for Native drivers and firemen at Trichinopoly junction—Board's letter No. 84 of 23rd December 1892 ..	13,790	7,900	21,690	..	..	..	..	..	..	13,790	7,900	21,690
6	Providing additional drivers' quarters at Madurai—Board's letter No. 84 of 23rd December 1892 ..	8,400	5,600	14,000	..	..	..	..	..	..	8,400	5,600	14,000

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—cont.

PROVISION FOR 1893-94.

Item number.	Description of work.	II.—Land.						III.—Formation.			IV.—Bridgework.			V.—Fencing.			VI.—Electric telegraph.		
		Cash.		Stores.		Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	
		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
SCHEDULE A.—SANCTIONED WORKS—cont.																			
CARRIAGE AND WAGON DEPARTMENT—cont.																			
Works in progress exceeding Rs. 5,000—cont.																			
Villupuram-Guntakal Railway.																			
33	Ten first and second class composite carriages	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
34	Eight mail service vans	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
35	One five-ton travelling crane	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Works not commenced exceeding Rs. 5,000.																			
South Indian Railway.																			
36	Eighty iron covered goods wagons	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
27	Twenty iron low sided bogie wagons	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
28	Minor works as per schedule C	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Total, Carriage and Wagon Department		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Total, Schedule A		5,198	75	5,273	8,353	..	..	8,353	6,535	600	7,135	1,172	2,395	3,567	..	141	141	141	

SCHEDULE A.—SANCTIONED WORKS—cont.

[illegible]

SCHEDULE B.—UNSANCTIONED WORKS.

[illegible]

ENGINEERING DEPARTMENT.

Exceeding Rs. 5,000.

South Indian Railway.

- 1 Additional sum required for enlarging the station to provide accommodation for Mayavaram-Muttupet Railway at Tiruvālar junction—*vide* item No. 5 of schedule A
- 2 Additional sum required for Tanjore-Pullyarpatti ballast siding—*vide* item No. 21 of schedule A
- 3 Additional locomotive accommodation at Villupuram —Board's letter No. 42 of 20th November 1891
- 4 Extending through sidings and platforms at stations —Board's letter No. 843 of 14th November 1890
- 5 Providing two double blocks for European drivers and three double blocks for Native drivers and women at Trichinopoly junction—Board's letter No. 84 of 23rd December 1892
- 6 Providing additional drivers' quarters at Madura —Board's letter No. 84 of 23rd December 1892

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—*cont.*

PROVISION FOR 1893-94--cont.

[illegible]

SCHEDULE A.—SANCTIONED WORKS—contd.

[illegible]

—FUNCTIONED WORKS.

ENGINEERING DEPARTMENT.		SCHEDULE B.—UNSANCTIONED.										
Exceeding Rs. 5,000.												
South Indian Railway.												
1	Additional sum required for enlarging the station to provide accommodation for Mayavaram-Muttupet Railway at Tiruvallur junction— <i>vide</i> item No. 6 of schedule A ..	4,120	..	4,120	1,263	..	1,263	..	..	8,239	..	8,239
2	Additional sum required for Tanjore-Paillyerpatti railway— <i>vide</i> item No. 21 of schedule A ..	3,040	2,176	5,216	39	1,134	1,173	..	..	11,069	4,367	15,436
3	Additional locomotive accommodation at Villupuram — Board's letter No. 42 of 20th November 1891 ..	..	..	..	15,483	15,796	31,279	..	..	15,483	15,796	31,279
4	Extending through sidings and platforms at stations — Board's letter No. 842 of 14th November 1890 ..	1,000	5,500	6,500	100	3,356	3,456	..	..	2,001	9,106	11,107
5	Providing two double blocks for European drivers and three double blocks for Native drivers and firemen at Trichinopoly junction—Board's letter No. 84 of 23rd December 1892 ..	..	..	..	4,000	7,000	11,000	..	..	4,000	7,000	11,000
6	Providing additional drivers' quarters at Madurai — Board's letter No. 84 of 23rd December 1892 ..	..	..	..	1,500	5,500	7,000	..	..	1,500	5,500	7,000

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94--cont.

Item number.	Description of work.	Amount of estimate.			Actual expenditure up to 1891-92.			Probable expenditure in 1892-93.			Balance.		
		Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14

SCHEDULE B.—UNSANCTIONED WORKS—cont.													
ENGINEERING DEPARTMENT—cont.													
Exceeding Rs. 6,000—cont.													
South Indian Railway—cont.													
7	Extending through siding and platform at Katalai station—Board's letter No. 842 of 14th November 1890	4,695	2,703	7,398	..	..	..	..	..	..	4,695	2,703	7,398
8	Providing three double blocks of staff quarters at Egmore—Board's letter No. 4 of 23rd December 1892.	27,918	11,875	39,293	..	..	..	8,819	..	8,819	19,099	11,375	30,474
9	Compensation for land Nellore Branch.	10,000	..	10,000	..	..	..	1,633	..	1,633	8,367	..	8,367
Villupuram-Guntakal Railway.													
10	Providing recreation room at Pakala	2,925	2,087	5,012	..	..	..	..	..	..	2,925	2,087	5,012
11	Rundry works at Nallacheruvu	2,601	4,837	7,438	..	..	..	..	..	..	2,601	4,837	7,438
12	Additional sum required for permanent station arrangements at Vencatasapuram—vide item No. 26, schedule A	4,999	1,057	6,056	..	..	..	..	..	..	4,999	1,057	6,056
13	Ballast walls in cutting between Pakala and Dharmavaram	10,712	..	10,712	..	..	..	..	..	..	10,712	..	10,712
14	Providing boulder flooring to minor bridges between Pakala and Dharmavaram	6,890	..	6,890	..	..	..	..	..	..	6,890	..	6,890
15	Coping large and minor bridges between Pakala and Dharmavaram	8,363	..	8,363	..	..	..	..	..	..	8,363	..	8,363
16	Pitching minor bridges between Pakala and Dharmavaram	14,200	..	14,200	..	..	..	..	..	..	14,200	..	14,200
17	Providing a four-roomed block for European drivers at Pakala station	4,013	3,350	7,363	..	..	..	..	..	..	4,013	3,350	7,363
18	Five four-unit blocks for trollymen, traffic peons, porters and sweepers at Pakala	4,710	3,060	7,770	..	..	..	..	..	..	4,710	3,060	7,770
19	Two divisional officers' bungalows and out-houses for Engineering and Traffic Departments at Pakala	14,190	10,636	24,826	..	..	..	..	..	..	14,190	10,636	24,826
20	Ten double blocks of Native quarters for Resident Engineer's clerks, Traffic Manager's clerks, Native guards, Native drivers and Depot Storekeeper at Pakala	14,940	9,690	24,630	..	..	..	..	..	..	14,940	9,690	24,630
21	Providing two divisional offices for Engineering and Traffic Departments at Pakala	4,778	3,429	8,207	..	..	..	..	..	..	4,778	3,429	8,207

max. 1 year 1893-94—cont.

[illegible]

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—cont.

PROVISION FOR 1893-94—*cont.*

PROVISION FOR 1893-94—cont.																
Item number.	Description of work.	VII.—Ballast and permanent-way.			VIII.—Stations and buildings.			IX.—Plant.			XI.—Rolling-stock.			Grand total.		
		Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.
		30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
SCHEDULE B.—UNSANCTIONED WORKS—cont.																
ENGINEERING DEPARTMENT—cont.																
Exceeding Rs. 5,000—cont.																
South Indian Railway—cont.																
7	Extending through siding and platform at Katalai station—Board's letter No. 842 of 14th November 1890	688	2,061	2,649	877	642	1,519	..	..	..	..	..	..	4,695	2,703	7,398
8	Providing three double blocks of staff quarters at Egmore—Board's letter No. 84 of 23rd December 1892	..	..	..	6,050	8,950	15,000	..	..	..	..	..	..	9,050	8,950	18,000
9	Nellore Branch.	..	..	..	..	..	..	..	..	..	..	..	..	2,000	..	2,000
10	Compensation for land	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11	Villupuram-Guntakal Railway.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12	Providing recreation room at Pakala	816	4,567	5,383	2,925	2,097	5,012	..	..	..	..	..	..	2,925	2,097	5,012
13	Sundry works at Nallacheruvu	..	..	..	1,559	270	1,829	..	..	..	..	..	..	2,601	4,837	7,438
14	Additional sum required for permanent station arrangements at Venutakasapuram—vide item No. 26, schedule A	297	671	968	3,699	..	3,699	..	..	..	..	..	..	4,999	1,057	6,056
15	Ballast walls in cutting between Pakala and Dharmavaram	..	..	..	..	..	..	..	..	..	..	..	..	10,712	..	10,712
16	Providing boulder flooring to minor bridges between Pakala and Dharmavaram	..	..	..	..	..	..	..	..	..	..	..	..	6,880	..	6,880
17	Coping large and minor bridges between Pakala and Dharmavaram	..	..	..	..	..	..	..	..	..	..	..	..	8,363	..	8,363
18	Pitching minor bridges between Pakala and Dharmavaram	..	..	..	..	..	..	..	..	..	..	..	..	14,200	..	14,200
19	Providing a four-roomed block for European drivers at Pakala station	..	..	..	3,670	3,350	7,020	..	..	..	..	..	..	3,670	3,350	7,020
20	Five four-unit blocks for trollymen, traffic peons, porters and sweepers at Pakala	..	..	..	3,940	3,060	7,000	..	..	..	..	..	..	3,940	3,060	7,000
21	Two divisional officers' bungalows and out-houses for Engineering and Traffic Departments at Pakala	..	..	..	4,000	6,500	10,500	..	..	..	..	..	..	4,000	6,500	10,500
22	Ten double blocks of native quarters for Resident Engineer's clerks, Traffic Manager's clerks, Native guards, Native drivers and Depot Storekeeper at Pakala	..	..	..	4,000	6,500	10,500	..	..	..	..	..	..	4,000	6,500	10,500
23	Providing two divisional offices for Engineering and Traffic Departments at Pakala	..	..	..	3,562	3,415	6,977	..	..	..	..	..	..	3,562	3,415	6,977

• **Sums required to complete works sanctioned in project estimate but not provided for in completion estimate. Agent will be asked to submit proposals to add these to completion estimates.**

† These have been provided for in the completion estimate.

and unsanctioned works for the official year 1893-94—*cont.*

Budget estimate of sanctioned and unsanctioned works—cont.															
Item number.	Description of work.	Amount of estimate.				Actual expenditure up to 1891-92.				Probable expenditure in 1892-93.				Balance.	
		Rs.	Stores.	Total.	Cash.	Stores.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.
2		8	4	5	6	7	8	9	10	11	12	13	14		
SCHEDULE B.—UNSANCTIONED WORKS—cont.															
ENGINEERING DEPARTMENT—cont.															
Exceeding Rs. 5,000—cont.															
22	Villupuram-Guntakal Railway—cont. Provision for works to be referred to the Board of Directors, viz.:— Constructing a trial station at Sonnimalai E.330/3 mile (South Indian Railway) Providing a lay-by, loading bank, iron goods shed and approaches at Venkatagiri (Nellore Branch) Providing a lay-by, loading bank, iron goods shed and approaches at Kalahasti (Nellore Branch) Miscellaneous outstanding claims for works executed between Pakala and Dharmavaram Minor works as per schedule C Total, Engineering Department	1,727	5,654	7,381	..	..	..	..	..	..	..	1,727	5,654	7,381	
23	..	2,325	5,198	7,523	..	..	..	..	..	..	2,325	5,198	7,523		
24	..	3,182	3,385	6,567	..	..	..	..	..	..	3,182	3,385	6,567		
25	..	8,463	8,463	1,07,257	..	..	..	..	..	..	8,463	39,457	1,07,297		
26	..	67,840	39,457	1,07,297	..	..	..	..	..	..	67,840	1,89,699	5,03,184		
27	..	3,26,255	1,89,699	5,15,954	..	..	..	..	..	..	3,13,485	1,89,699	5,03,184		
28	..	39	19,843	19,882	..	..	..	28	10,045	10,073	11	9,798	9,809		
LOCOMOTIVE DEPARTMENT.															
25	Plant, locomotive	71,640	2,67,077	3,38,717	..	..	..	..	..	..	71,640	2,67,077	3,38,717		
26	Third-class bogie carriages—Board's letter No. 92 of 17th March 1893	8,148	20,371	28,519	..	..	..	..	..	..	8,148	20,371	28,519		
27	Reserve for unforeseen works	..	1,690	1,690	..	..	..	..	..	..	..	..	..		
28	Minor works as per schedule C	79,788	2,39,138	3,18,926	..	..	..	..	..	..	79,788	2,87,448	3,67,236		
Total, Carriage and Wagon Department															
Total, Schedule B															
Grand Total, Schedules A and B combined															
Add for general charges as per schedule B in the budget															
Total expenditure on final heads—vide budget abstract															

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—*cont.*

Item number.	PROVISION FOR 1893-94.																		
	Description of work.			II.—Land.			III.—Formation.			IV.—Bridgework.			V.—Fencing.			VI.—Electric telegraph.			
	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	
	15	16	17		18	19	20		21	22	23		24	25	26		27	28	29

SCHEDULE B.—UNSANCTIONED WORKS—cont.

[illegible]

and mentioned works for the official year 1893-94—*cont.*

[illegible]

TRICHINOPOLY,
25th May 1893.

(Signed) W. H. SPALDING,
for Chief Engineer.

19TH JUNE 1893, No. 956 R., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper :—

Endorsement from the Consulting Engineer for Railways, dated 10th June 1893, No. 228.

ORDER—dated 19th June 1893, No. 956 R., Public Works.

Ordered that the schedules A and B of sanctioned and unsanctioned works to accompany the South Indian Railway Capital budget estimate for 1893-94 be forwarded to the Government of India, for information, in continuation of Proceedings No. 826 R., dated 6th May 1893.

[Here enter No. 957 R., Public Works, dated 19th June 1893.]

(True Extract.)

Joint Secy. to Govt., P.W.D.,
Railway Branch.

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

Exd. A. D. Xavier.
Spare Copies

RAILWAY.
Govt. of {1893} Madras.
PUBLIC WORKS.

Dated June, 19th.

Recd.

Encl.

G.O., 19th June 1893, No. 956 R.

JUNE.

South Indian Railway Capital
Budget Estimate for 1893-94

Schedules A and B of sanctioned and unsanctioned works to accompany the — ordered to be forwarded to the Government of India.

SOUTH INDIAN RAILWAY.
ENGINEERING DEPARTMENT—SCHEDULES A AND B.
Budget estimate of sanctioned and unsanctioned works for the official year 1893-94.

Item number.	Description of work.	Amount of estimate.			Actual expenditure up to 1891-92.			Probable expenditure in 1892-93.			Balance.		
		Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
ENGINEERING DEPARTMENT.													
Works in progress exceeding Rs. 5,000.													
1	Enlarging the station to provide accommodation for Villupuram-Guntakal Railway at Villupuram ..	46,702	53,701	1,00,403	45,725	59,322	1,05,047	20	2,880	2,900	957	8,501	* 7,544
2	Constructing extra siding accommodation and covered way at Chingleput ..	5,207	10,097	15,304	2,742	8,445	11,187	475	2,525	3,000	1,990	873	1,117
3	Providing fourth-class station at Padalam ..	7,100	6,028	13,128	1,880	424	2,304	5,000	5,000	10,000	220	604	824
4	Further locomotive workshop accommodation, Negapatam ..	52,404	1,22,000	1,74,404	27,459	55,139	82,598	2,968	5,952	8,920	21,977	60,909	82,886
5	Enlarging the station to provide accommodation for Mayavaram-Muttupet Railway at Tiravélur Junction ..	24,914	37,199	62,113	3,653	4,468	8,121	11,500	8,500	20,000	9,761	24,231	33,992
6	Providing accommodation for apothecary and dispensary at Negapatam ..	5,492	1,671	7,163	599	10	609	350	150	500	4,543	1,511	6,054
7	Erecting baling stage on well near Kadambur station. ..	3,177	7,911	11,088	1,137	7,421	8,558	1,540	490	2,030	500	..	500
8	Constructing permanent-way inspector's bungalow and out-houses at Madura ..	4,218	1,221	5,439	1,288	887	2,175	1,930	384	2,314	1,000	..	1,000
9	Constructing permanent-way inspector's bungalow and out-houses at Tuticorin ..	4,346	1,232	5,578	620	738	1,358	2,726	494	3,220	1,000	..	1,000
10	Shifting existing distant signals from facing points at 100 stations ..	210	5,573	5,783	21	2,651	2,672	50	450	500	139	2,472	2,611
11	Constructing a shed for sheltering carriages when the present shelter line is converted into run round at Trichinopoly junction ..	1,373	8,524	9,897	47	2,361	2,408	1,226	5,263	6,489	100	900	1,000
12	Constructing two blocks of European and two blocks of native drivers' quarters at Villupuram ..	11,002	8,254	19,256	5,042	452	5,494	10,221	4,445	14,666	4,231	3,357	* 874
13	Providing home signals at 36 stations ..	3,542	8,704	12,306	..	..	..	1,200	11,106	12,306	2,342	2,342	..
14	Extension of covered way at Trichinopoly junction. ..	2,359	15,740	18,099	1,722	14,682	16,404	..	82	82	637	976	1,613
15	Constructing an apothecary's quarters and dispensary at Egmore ..	3,728	2,624	6,352	..	..	..	378	274	652	3,350	2,350	5,700
16	Constructing an apothecary's quarters and dispensary at Madura ..	2,617	2,514	5,131	..	..	..	617	614	1,231	2,000	1,900	3,900
17	Constructing an apothecary's quarters and dispensary at Trichinopoly ..	3,598	1,608	5,206	..	..	..	3,448	1,618	5,066	150	50	200
18	Erecting a permanent shed for rolling-stock at Negapatam ..	5,872	25,536	31,408	..	..	..	5,000	25,000	30,000	872	556	1,408
19	Laying pipes to staff quarters, sinking an additional well and raising tank house at Madura ..	1,322	4,440	5,762	..	..	..	200	400	600	1,122	4,040	5,162
20	Constructing an apothecary's quarters and dispensary at Villupuram ..	3,820	2,716	6,536	..	..	..	3,056	2,173	5,229	764	543	1,307

* The excesses over these estimates are under investigation.

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—cont.

Item number.	Description of work.	PROVISION FOR 1893-94.											
		II.—Land.			III.—Formation.			IV.—Bridgework.			V.—Fencing.		
		Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.
		16	16	17	18	19	20	21	22	23	24	25	26
													27
													28
													29

SCHEDULE A.—SANCTIONED WORKS.													
Item number.	Description of work.	II.—Land.			III.—Formation.			IV.—Bridgework.			V.—Fencing.		
		Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.
		16	16	17	18	19	20	21	22	23	24	25	26
													27
													28
													29

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—cont.

Item number.	Description of work.	PROVISION FOR 1893-94—cont.											
		VII.—Ballast and permanent-way.			VIII.—Stations and buildings.			IX.—Plant.			XI.—Rolling-stock.		
		Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.
		30	31	32	33	34	35	36	37	38	39	40	41
													42
													43
													44

SCHEDULE A.—SANCTIONED WORKS.

ENGINEERING DEPARTMENT.													
Works in progress exceeding Rs. 5,000.													
1	Enlarging the station to provide accommodation for Villupuram-Guntakal Railway at Villupuram ..	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
2	Constructing extra siding accommodation and covered way at Chingleput ..	..	..	..	..	..	..	..	..	..	..	..	..
3	Providing fourth-class station at Paddalam ..	..	..	..	..	..	..	..	..	..	..	..	..
4	Further locomotive workshop accommodation, Negapatam ..	288	2,807	3,045	6,355	16,920	23,275	..	..	..	..	..	..
5	Enlarging the station to provide accommodation for Mayavaram-Muttupet Railway at Tiruválár junction ..	4,680	11,000	15,880	1,497	10,416	11,913	..	..	..	..	..	..
6	Providing accommodation for apothecary and dispensary at Negapatam ..	..	..	..	4,643	1,611	6,054	..	..	..	..	..	..
7	Erecting baling stage on well near Kadambar station. Constructing permanent-way inspector's bungalow and out-houses at Madura ..	..	..	..	..	..	..	..	..	..	..	..	..
8	Constructing permanent-way inspector's bungalow and out-houses at Tuticorin ..	..	..	..	..	..	..	..	..	..	..	..	..
9	Constructing permanent-way signals from facing points at 100 stations ..	..	..	..	60	1,236	1,296	..	..	..	..	..	..
10	Constructing a shed for sheltering carriages when the present shelter line is converted into run round at Trichinopoly junction ..	..	..	..	100	900	1,000	..	..	..	..	..	..
11	Constructing two blocks of European and two blocks of native drivers' quarters at Villupuram ..	..	..	..	..	..	..	..	..	..	..	..	..
12	Providing home signals at 36 stations ..	..	..	..	..	..	..	..	..	..	..	..	..
13	Extension of covered way at Trichinopoly junction. Constructing an apothecary's quarters and dispensary at Egmore ..	..	..	..	3,350	6,700	..	..	..	..	..	..	..
14	Constructing an apothecary's quarters and dispensary at Madura ..	..	..	..	2,000	1,900	3,900	..	..	..	..	..	..
15	Constructing an apothecary's quarters and dispensary at Villupuram ..	..	..	..	150	60	200	..	..	..	..	..	..
16	Constructing an apothecary's quarters and dispensary at Villupuram ..	..	..	..	872	536	1,408	..	..	..	..	..	..
17	Erecting a permanent shed for rolling-stock at Negapatam ..	..	..	..	1,122	4,040	6,162	..	..	..	..	..	..
18	Laying pipes to staff quarters, sinking an additional well and raising tank house at Madura ..	..	..	..	764	543	1,307	..	..	..	..	..	..
19	Constructing an apothecary's quarters and dispensary at Villupuram ..	..	..	..	..	..	..	..	..	..	..	..	..
20	Constructing an apothecary's quarters and dispensary at Villupuram ..	..	..	..	..	..	..	..	..	..	..	..	..

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5

PROVISION FOR 1893--94.

SCHEDULE A.—SANCTIONED WORKS—cont.

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—cont.

PROVISION FOR 1893-94—cont.

Item number.	Description of work.	VII.—Ballast and permanent-way.			VIII.—Stations and buildings.			IX.—Plant.			XI.—Rolling-stock.			Grand total.		
		Total.		Cash.	Total.		Cash.	Total.		Cash.	Total.		Cash.	Total.		Cash.
		Cash.	Stores.		Cash.	Stores.		Cash.	Stores.		Cash.	Stores.		Cash.	Stores.	
30		30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
SCHEDULE A.—SANCTIONED WORKS—cont.																
ENGINEERING DEPARTMENT—cont.																
<i>Works in progress exceeding Rs. 5,000—cont.</i>																
21	Tanjore-Pullyarpetti ballast siding	1,616	..	1,616	..	..	..	..	..	..	..	..	..	4,421	..	4,421
22	Joint water-supply scheme at Trinopoly junction station	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23	Enlarging Mayavaram station to provide accommodation for Mayavaram-Muttupet railway	2,000	7,000	9,000	8,900	24,200	33,100	..	..	..	..	..	..	18,000	32,000	50,000
24	Lengthening through siding at Nellikuppam station. <i>Works not commenced exceeding Rs. 5,000.</i>	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
25	Extending through siding and platform at Kivalur. <i>South Indian Railway.</i>	2,901	1,638	4,539	689	445	1,134	..	..	..	..	..	..	5,600	2,083	7,683
26	Providing permanent station arrangements at Vencatasapuram	150	3,550	3,700	1,089	2,847	3,936	..	..	..	..	..	..	1,649	7,628	9,177
27	Minor works as per schedule C	1,010	1,226	2,236	8,096	11,006	19,102	..	360	360	..	..	..	14,155	13,290	27,445
	Total, Engineering Department	12,795	27,223	40,018	40,252	82,659	1,22,911	..	360	360	..	..	..	74,305	1,13,453	1,87,758
LOCOMOTIVE DEPARTMENT.																
28	Twenty locomotive engines	..	..	..	..	..	..	..	..	..	7,648	4,26,400	4,34,048	7,648	4,26,400	4,34,048
CARRIAGE AND WAGON DEPARTMENT.																
<i>Works in progress exceeding Rs. 5,000.</i>																
29	Twenty first and second class composite carriages	..	..	..	..	..	..	..	..	..	52,829	1,27,740	1,80,569	52,829	1,27,740	1,80,569
30	Eighty third-class bogie carriages	..	..	..	..	..	..	..	..	..	1,05,923	3,75,910	4,81,833	1,05,923	3,75,910	4,81,833
31	Fitting brake gear outfits for engines and bogie carriages	..	..	..	..	..	..	..	..	..	7,000	1,03,685	1,10,685	7,000	1,03,685	1,10,685
32	Providing safety chains, hooks, springs, &c., complete for C.N.S. goods stock	..	..	..	..	..	..	..	..	..	848	5,512	6,360	848	5,512	6,360

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—cont.

Item number.	Description of work.	Amount of estimate.			Actual expenditure up to 1891-92.			Probable expenditure in 1892-93.			Balance.		
		Total.		Cash.	Total.		Cash.	Total.		Cash.	Total.		Total.
		Cash.	Stores.		Cash.	Stores.		Cash.	Stores.		Cash.	Stores.	
3		3	4	5	6	7	8	9	10	11	12	13	14
SCHEDULE A.—SANCTIONED WORKS—cont.													
1	CARRIAGE AND WAGON DEPARTMENT—cont.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
	<i>Works in progress exceeding Rs. 5,000—cont.</i>												
33	Villupuram-Guntakal Railway.	12,000	59,060	71,060	..	..	..	..	..	..	12,000	59,060	71,060
34	Ten first and second class composite carriages	8,800	32,560	41,360	..	..	..	..	..	..	8,800	32,560	41,360
35	Eight mail service vans	200	5,774	5,974	..	..	..	..	..	..	200	5,774	5,974
	<i>Works not commenced exceeding Rs. 5,000.</i>												
36	South Indian Railway.	6,800	1,07,040	1,13,840	..	..	..	..	..	..	6,800	1,07,040	1,13,840
37	Eighty iron covered goods wagons	1,500	47,100	48,600	..	..	..	..	..	..	1,500	47,100	48,600
38	Twenty iron low sided bogie wagons	748	4,792	5,540	..	..	..	..	..	..	748	4,792	5,540
	Minor works as per schedule C	2,00,296	8,76,588	10,76,879	..	..	..	..	..	..	1,96,648	8,69,173	10,65,821
	Total, Carriage and Wagon Department	6,03,406	17,89,064	23,91,470	1,16,647	1,78,614	2,95,261	1,42,172	1,51,265	2,93,437	3,44,587	14,58,185	18,02,772
SCHEDULE B.—UNSANCTIONED WORKS.													
	ENGINEERING DEPARTMENT.												
	<i>Exceeding Rs. 5,000.</i>												
	<i>South Indian Railway.</i>												
1	Additional sum required for enlarging the station to provide accommodation for Mayavaram-Muttupet railway at Tiruvattur junction—vide item No. 5 of schedule A	14,322	8,008	22,330	..	..	..	..	..	..	14,322	8,008	22,330
2	Additional sum required for Tanjore-Pullyarpetti ballast siding—vide item No. 21 of schedule A	11,069	4,367	15,436	..	..	..	..	..	..	11,069	4,367	15,436
3	Additional locomotive accommodation at Villupuram—Board's letter No. 42 of 20th November 1891	57,242	48,800	1,06,042	..	..	..	2,348	..	2,348	54,894	48,800	1,03,694
4	Extending through siding and platforms at stations—Board's letter No. 842 of 14th November 1890	2,001	9,106	11,107	..	..	..	..	..	..	2,001	9,106	11,107
5	Providing two double blocks for European drivers and three double blocks for Native drivers and firemen at Trinopoly junction—Board's letter No. 84 of 23rd December 1892	13,790	7,900	21,690	..	..	..	..	..	..	13,790	7,900	21,690
6	Providing additional drivers' quarters at Madurai—Board's letter No. 84 of 23rd December 1892	8,400	5,600	14,000	..	..	..	..	..	..	8,400	5,600	14,000

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—*cont.*

PROVISION FOR 1893-94.																	
Item number.	II.—Land.			III.—Formation.			IV.—Bridgework.			V.—Fencing.			VI.—Electric telegraph.				
	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
SCHEDULE A.—SANCTIONED WORKS—cont.																	
CARRIAGE AND WAGON DEPARTMENT—cont.																	
Works in progress exceeding Rs. 5,000—cont.																	
33	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
34	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
35	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Works not commenced exceeding Rs. 6,000.																	
36	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
37	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
38	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Total, Carriage and Wagon Department ..																	
Total, Schedule A ..																	

[illegible]

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—*cont.*

[illegible]

ENGINEERING DEPARTMENT. Exceeding Rs. 5,000. South Indian Railway.		SCHEDULE B.—UNSANCTIONED WORKS.														
		4,120	..	2,176	5,216	4,120	1,263	..	1,263	..	..	..	8,239	..	4,367	8,239
1	Additional sum required for enlarging the station to provide accommodation for Mayavaram-Murtupet Railway at Tiruválor junction— <i>vide</i> item No. 5 of schedule A ..	3,040	..	2,176	5,216	4,120	1,263	..	1,263	..	..	..	11,069	..	4,367	11,069
2	Additional sum required for Tanjore-Pulliyarpatti ballast siding— <i>vide</i> item No. 21 of schedule A ..	..	..	..	..	..	39	1,134	1,173	..	..	..	15,483	..	15,796	31,279
3	Additional locomotive accommodation at Villupuram —Board's letter No. 42 of 20th November 1891 ..	..	..	..	..	..	15,483	15,796	31,279	..	..	..	2,001	..	9,106	11,107
4	Extending through sidings and platforms at stations —Board's letter No. 842 of 14th November 1890 ..	1,000	5,500	6,500	6,500	100	3,356	3,456	..	..	..	..	4,000	..	7,000	11,000
5	Providing two double blocks for European drivers and three double blocks for Native drivers and firemen at Trichinopoly junction—Board's letter No. 84 of 23rd December 1892 ..	..	..	..	..	..	4,030	7,000	11,000	..	..	..	1,500	..	5,500	7,000
6	Providing additional drivers' quarters at Madurai —Board's letter No. 84 of 23rd December 1892 ..	..	..	..	..	..	1,500	5,500	7,000	..	..	..	..	..	..	..

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—cont.

Item number.	Description of work.	Amount of estimate.			Actual expenditure up to 1891-92.			Probable expenditure in 1892-93.			Balance.		
		Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14

SCHEDULE B.—UNSANCTIONED WORKS—cont.													
ENGINEERING DEPARTMENT—cont.													
Exceeding Rs. 5,000—cont.													
South Indian Railway—cont.													
7	Extending through siding and platform at Katalai station—Board's letter No. 842 of 14th November 1890	4,695	2,703	7,398	..	..	..	..	..	..	4,695	2,703	7,398
8	Providing three double blocks of staff quarters at Egmore—Board's letter No. 84 of 23rd December 1892.	27,918	11,375	39,293	..	..	..	8,819	..	8,819	19,099	11,375	30,474
9	Compensation for land	10,000	..	10,000	..	..	..	1,633	..	1,633	8,367	..	8,367
Villupuram-Guntakal Railway.													
10	Providing recreation room at Pakala	2,925	2,087	5,012	..	..	..	..	..	..	2,925	2,087	5,012
11	Sundry works at Nallacheruvu	2,601	4,837	7,438	..	..	..	..	..	..	2,601	4,837	7,438
12	Additional sum required for permanent station arrangements at Venkatasapuram—vide item No. 26, schedule A	4,999	1,057	6,056	..	..	..	..	..	..	4,999	1,057	6,056
13	Ballast walls in cutting between Pakala and Dharmavaram	10,712	..	10,712	..	..	..	..	..	..	10,712	..	10,712
14	Providing boulder flooring to minor bridges between Pakala and Dharmavaram	6,880	..	6,880	..	..	..	..	..	..	6,880	..	6,880
15	Coping large and minor bridges between Pakala and Dharmavaram	8,363	..	8,363	..	..	..	..	..	..	8,363	..	8,363
16	Pitching minor bridges between Pakala and Dharmavaram	14,200	..	14,200	..	..	..	..	..	..	14,200	..	14,200
17	Providing a four-roomed block for European drivers at Pakala station	4,013	3,350	7,363	..	..	..	..	..	..	4,013	3,350	7,363
18	Five four-unit blocks for trollymen, traffic peons, porters and sweepers at Pakala	4,710	3,060	7,770	..	..	..	..	..	..	4,710	3,060	7,770
19	Two divisional officers' bungalows and out-houses for Engineering and Traffic Departments at Pakala	14,190	10,636	24,826	..	..	..	..	..	..	14,190	10,636	24,826
20	Ten double blocks of Native quarters for Resident Engineer's clerks, Traffic Manager's clerks, Native guards, Native drivers and Depot Storekeeper at Pakala	14,940	9,690	24,630	..	..	..	..	..	..	14,940	9,690	24,630
21	Providing two divisional offices for Engineering and Traffic Departments at Pakala	4,778	3,429	8,207	..	..	..	..	..	..	4,778	3,429	8,207

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—cont.

PROVISION FOR 1893-94.

Item number.	Description of work.	II.—Land.			III.—Formation.			IV.—Bridgework.			V.—Fencing.			VI.—Electric telegraph.			
		Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	
		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
SCHEDULE B.—UNSANCTIONED WORKS—cont.																	
ENGINEERING DEPARTMENT—cont.																	
Exceeding Rs. 5,000—cont.																	
South Indian Railway—cont.																	
7	Extending through siding and platform at Katalai station—Board's letter No. 842 of 14th November 1890	..	..	..	3,230	..	..	..	..	..	..	..	..	..	..	..	
8	Providing three double blocks of staff quarters at Egmore—Board's letter No. 84 of 23rd December 1892	3,000	..	3,000	..	..	..	..	..	..	..	..	..	..	..	..	
9	Compensation for land Nellore Branch.	2,000	..	2,000	..	..	..	..	..	..	..	..	..	..	..	..	
10	Providing recreation room at Pakala Villupuram-Guntakal Railway.	..	..	..	100	..	..	..	..	..	..	..	..	..	..	..	
11	Sundry works at Nallacheruvu	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
12	Additional sum required for permanent station arrangements at Venkatasapuram—vide item No. 26, schedule A	342	..	342	661	..	..	..	..	..	..	..	..	..	..	..	
13	Ballast walls in cutting between Pakala and Dharmavaram	..	..	..	10,712	..	..	..	..	..	..	..	..	..	..	..	
14	Providing boulder flooring to minor bridges between Pakala and Dharmavaram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
15	Coping large and minor bridges between Pakala and Dharmavaram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
16	Pitching minor bridges between Pakala and Dharmavaram	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
17	Providing a four-roomed block for European drivers at Pakala station	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
18	Five four-unit blocks for trollymen, traffic peons, porters and sweepers at Pakala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
19	Two divisional officers' bungalows and out-houses for Engineering and Traffic Departments at Pakala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
20	Ten double blocks of Native quarters for Resident Engineer's clerks, Traffic Manager's clerks, Native guards, Native drivers and Depot Storekeeper at Pakala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
21	Providing two divisional offices for Engineering and Traffic Departments at Pakala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—cont.

Item number.	Description of work.	PROVISION FOR 1893-94—cont.														
		VII.—Ballast and permanent-way.			VIII.—Stations and buildings.			IX.—Plant.			XI.—Rolling-stock.			Grand total.		
		Stores.		Total.	Cash.		Stores.	Total.	Cash.	Stores.		Total.	Cash.	Stores.	Total.	
		Cash.														
		30	31	32	33	34	35	36	37	38	39	40	41	42	43	44

SCHEDULE B.—UNSANCTIONED WORKS—cont.

SCHEDULE B.—UNSANCTIONED WORKS—cont.

ENGINEERING DEPARTMENT—cont.

Exceeding Rs. 5,000—cont.

South Indian Railway—cont.

7 Extending through siding and platform at Katalai station—Board's letter No. 842 of 14th November 1890

8 Providing three double blocks of staff quarters at Egmore—Board's letter No. 84 of 23rd December 1892

Nellore Branch.

9 Compensation for land

Villupuram-Guntakal Railway.

10 Providing recreation room at Pakala

11 Sundry works at Nallacheruvu

12 Additional sum required for permanent station arrangements at Vencatasapuram—vide item No. 26, schedule A

13 Ballast walls in cutting between Pakala and Dharmavaram

14 Providing boulder flooring to minor bridges between Pakala and Dharmavaram

15 Coping large and minor bridges between Pakala and Dharmavaram

16 Pitching minor bridges between Pakala and Dharmavaram

17 Providing a four-roomed block for European drivers at Pakala station

18 Five four-unit blocks for trollymen, traffic peons, porters and sweepers at Pakala

19 Two divisional officers' bungalows and out-houses for Engineering and Traffic Departments at Pakala

20 Ten double blocks of native quarters for Resident Engineer's clerks, Traffic Manager's clerks, Native guards, Native drivers and Depot Storekeeper at Pakala

21 Providing two divisional offices for Engineering and Traffic Departments at Pakala

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588	2,061	2,649	877	642	1,519	..	..	..	..	..	..	..	..	4,695	2,703	7,398
..	..	..	6,050	8,950	15,000	..	..	..	..	..	..	..	..	9,050	8,950	18,000
..	..	..	..	..	..	..	..	..	..	..	..	..	..	2,000	..	2,000
..	..	..	2,925	2,087	5,012	..	..	..	..	..	..	..	..	2,925	2,087	5,012
816	4,567	5,383	1,559	270	1,829	..	..	..	..	..	..	..	..	2,601	4,837	7,438
297	671	968	3,699	..	3,699	..	..	..	..	..	..	..	..	4,999	1,057	6,056
..	..	..	..	..	..	..	..	..	..	..	..	..	..	10,712	..	10,712
..	..	..	..	..	..	..	..	..	..	..	..	..	..	6,880	..	6,880
..	..	..	..	..	..	..	..	..	..	..	..	..	..	8,363	..	8,363
..	..	..	..	..	..	..	..	..	..	..	..	..	..	14,200	..	14,200
..	..	..	3,670	3,350	7,020	..	..	..	..	..	..	..	..	3,670	3,350	7,020
..	..	..	3,940	3,060	7,000	..	..	..	..	..	..	..	..	3,940	3,060	7,000
..	..	..	4,000	6,500	10,500	..	..	..	..	..	..	..	..	4,000	6,500	10,500
..	..	..	4,000	6,500	10,500	..	..	..	..	..	..	..	..	4,000	6,500	10,500
..	..	..	3,562	3,415	6,977	..	..	..	..	..	..	..	..	3,562	3,415	6,977

* Sums required to complete works sanctioned in project estimate but not provided for in completion estimate. Agent will be asked to submit proposals to add these to completion estimates.
† These have been provided for in the completion estimate.

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—cont.

Item number.	Description of work.	Amount of estimate.													
		Actual expenditure up to 1891-92.			Probable expenditure in 1892-93.			Balance.			Total.			Grand total.	
		Stores.		Total.	Cash.		Stores.	Total.		Cash.	Stores.		Total.	Cash.	
		3	4	5	6	7	8	9	10	11	12	13	14	Total.	

SCHEDULE B.—UNSANCTIONED WORKS—cont.

ENGINEERING DEPARTMENT—cont.															SCHEDULE B.—UNSANCTIONED WORKS—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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22	Provision for works to be referred to the Board of Directors, viz.:—	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.

Total expenditure on final heads—vide budget abstract

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—cont.

PROVISION FOR 1893-94.

Item number.	Description of work.	II.—Land.			III.—Formation.			IV.—Bridgework.			V.—Fencing.			VI.—Electric telegraph.		
		Total.		Cash.	Total.		Cash.	Total.		Cash.	Total.		Cash.	Total.		Cash.
		Stores.	RS.		Stores.	RS.		Stores.	RS.		Stores.	RS.		Stores.	RS.	
15		16	17	18	19	20	21	22	23	24	25	26	27	28	29	
SCHEDULE B.—UNSANCTIONED WORKS—cont.																
ENGINEERING DEPARTMENT—cont.																
Exceeding Rs. 5,000—cont.																
22	Villupuram-Guntakal Railway—cont. Provision for works to be referred to the Board of Directors, viz.:— Constructing a trial station at Semimalai E.330/3 mile (South Indian Railway) Providing a lay-bye, loading bank, iron goods shed and approaches at Venkatagiri (Nellore Branch) Providing a lay-bye, loading bank, iron goods shed and approaches at Kalahasti (Nellore Branch) Miscellaneous outstanding claims for works executed between Pakala and Dharmavaram Minor works as per schedule C	6	..	..	..	419	..	..	..	..	..	..	..	..	71	71
23	Total, Engineering Department	11,357	..	33,102	..	33,102	43,339	657	43,996	6,695	2,874	9,569	..	91	91	91
LOCOMOTIVE DEPARTMENT.																
25	Plant, locomotive	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CARRIAGE AND WAGON DEPARTMENT.																
26	Third-class bogie carriages—Board's letter No. 92 of 17th March 1893	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
27	Reserve for unforeseen works	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
28	Minor works as per schedule C	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total, Carriage and Wagon Department	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total, Schedule B	11,357	..	33,102	..	33,102	43,339	657	43,996	6,695	2,874	9,569	..	91	91	91
	Grand Total, Schedules A and B combined	16,555	75	16,630	41,455	41,455	49,874	1,257	51,131	7,867	5,269	13,136	..	232	232	232
	Add for general charges as per schedule B in the budget	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total expenditure on final heads—vide budget abstract	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Budget estimate of sanctioned and unsanctioned works for the official year 1893-94—cont.

PROVISION FOR 1893-94—cont.

Item number.	Description of work.	VII.—Ballast and permanent-way.			VIII.—Stations and buildings.			IX.—Plant.			XI.—Rolling-stock.			Grand total.		
		Total.		Cash.	Total.		Cash.	Total.		Cash.	Total.		Cash.	Total.		Cash.
		Stores.	RS.		Stores.	RS.		Stores.	RS.		Stores.	RS.		Stores.	RS.	
30		31	32	33	34	35	36	37	38	39	40	41	42	43	44	
SCHEDULE B.—UNSANCTIONED WORKS—cont.																
ENGINEERING DEPARTMENT—cont.																
Exceeding Rs. 5,000—cont.																
22	Villupuram-Guntakal Railway—cont. Provision for works to be referred to the Board of Directors, viz.:— Constructing a trial station at Semimalai E.330/3 mile (South Indian Railway) Providing a lay-bye, loading bank, iron goods shed and approaches at Venkatagiri (Nellore Branch) Providing a lay-bye, loading bank, iron goods shed and approaches at Kalahasti (Nellore Branch) Miscellaneous outstanding claims for works executed between Pakala and Dharmavaram Minor works as per schedule C	257	2,621	2,878	1,046	2,496	3,542	..	466	..	..	..	1,727	5,654	7,381	7,381
23	Total, Engineering Department	18,500	29,660	48,160	97,699	1,00,248	1,97,947	11	9,798	9,809	..	..	..	..	..	..
LOCOMOTIVE DEPARTMENT.																
25	Plant, locomotive	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CARRIAGE AND WAGON DEPARTMENT.																
26	Third-class bogie carriages—Board's letter No. 92 of 17th March 1893	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
27	Reserve for unforeseen works	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
28	Minor works as per schedule C	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total, Carriage and Wagon Department	18,500	29,660	48,160	97,699	1,00,248	1,97,947	11	9,798	9,809	..	..	..	..	..	..
	Total, Schedule B	31,295	60,883	88,178	1,37,951	1,82,907	3,20,858	179	14,356	14,535	2,84,084	15,83,021	18,67,105	5,69,260	24,13,260	24,13,260
	Grand Total, Schedules A and B combined	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Add for general charges as per schedule A in the budget	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total expenditure on final heads—vide budget abstract	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

TRICHINOPOLY,
25th May 1893.

(Signed) W. H. SPALDING,
for Chief Engineer.

19TH JUNE 1893, No. 957 R., PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT.

LETTER—from **Railway.**
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. 3 of my letter No. 827 R., dated 6th May 1893, I am directed to forward, herewith, for the information of the Government of India, schedules A and B of sanctioned and unsanctioned works to accompany the South Indian Railway Capital budget estimate for 1893-94.

I have the honour to be,
Sir,
Your most obedient servant,

Joint Secy. to Govt., P.W.D.,
Railway Branch.

OOTACAMUND,
19th June 1893.

Exd. A. D. Xavier.
Spere Copies

RAILWAY.

Gobt. of {1893} Madras.
PUBLIC WORKS.

Dated June, 19th.

Recd.

Encl.

19th June 1893, No. 957 R.

JUNE.

South Indian Railway Capital
Budget Estimate for 1893-94

Forwarding, for information, schedules A
and B of sanctioned and unsanctioned works
to accompany the —.

G. S. S.

Budget Estimate

for the

RAILWAY.

Gobt. of {1893} Madras.

PUBLIC WORKS.

Dated June, 19th.

Recd.

Encl.

19th June 1893, No. 957 R.

JUNE.

South Indian Railway Capital
Budget Estimate for 1893-94

Forwarding, for information, schedules A
and B of sanctioned and unsanctioned works
to accompany the —.

South Indian Railway

Schedules A and B

Budget Estimate of sanctioned and unsanctioned works

for the Official Year 1893-94

Engineering Department
Works in Progress Exceeding \$1,500

Wd. in Progress Exceeding No. 500.

Schedule A Jan

1	Enlarging the station to provide accommodation for Villupuram Guntakal Railway	5702	53701	10603	65725	59322	105047	20	2880	2900	957	811																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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9761 20000 27431

4543 1571 6054

4543 1571 6054

60 1236 1296

60 1236 1296

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100 900 1000

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5118 13304 18625 13195 34467 47664

22197 48888 71053

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Engineering Department

Works in Progress

Brought forward
13 Providing some signals at
36 Stations

14 Extension of covered way at
Trichingopoly Junction

15 Constructing an Apothecary
Quarters and Dispensary
at Egmore

16 D. at Madhav

17 D. at Trichingopoly

18 Erecting a Permanent shed
for Cattle stock at
Nagabatur

19 Laying pipes to Staff Quarters
sinking an additional well
and raising tank house at
Madhav

20 Constructing an Apothecary
Quarters and Dispensary
at Villupuram

21 ~~Constructing a~~
Constructing a

Constructing a

Constructing a

Constructing a

Constructing a

Schedule A

1145 21340 42055 00183 142268 232451 32006 36533 74539 27956 84610 122565 554 534 2134 2134

3732 8764 12306 1200 1106 13306 2342 2342

2359 15740 18099 1722 12582 1644 82 82 237 976 1613

3728 2624 6352 378 274 652 3350 2350 5700

2617 2514 5131 617 514 1231 2000 1922 2900

3598 1658 5256 3448 1618 5066 150 50 200

5872 25536 31408 5000 25000 30000 872 536 1408

1322 4440 5762 200 400 600 1122 4040 5762

3820 2716 6536 2053 2173 5229 764 643 1307

15600 20221 41921 200 17300 17500 15490 8931 24421 1000 1622 1020 1000

4959 42004 43824 5749 5749

4795 15484 93439 26 203 529 5000 13000 18000 42929 3181 75110 13000 3000 3000 3000

2778 3156 5934 2167 2008 4145 200 200 611 948 15534

308099 402254 74283 94098 159261 255357 100426 103200 209239 113972 134773 21695 4434 6129 6129

CP
Functioned works built

5-

1080 10 1884 504

5118 13807 15925

13195 34667 47667

44745 24557 11262

19914 19446 5118

22197 48888 71055

5118 13807 15925

25 275 300

25 275 300

3350 2350 5700

3350 2350 5700

2000 1900 3900

2000 1900 3900

150 50 200

150 50 200

872 536 1408

872 536 1408

1122 4040 5762

1122 4040 5762

704 573 1307

704 573 1307

750 750 55 55

916 1616

4421

1100 808 0011

00162 00247 0005 0006 0007 0008 0009 0010

00020 00026 00031

1830 1165 1384 2549

8784 20807 2961 12561 10261 4618

30370 60361 98739

52901 90552 143653

52901 90552 143653

Sanctioned Works (contd.)

Schedule A

1830 . 1830 1165 1384 2549 . 1000 402254 711253 94098 153251 253359 100029 105300 209229 113472 132723 248605 4554 . 2054 5130 . 6130

200 . 200 500 2083 7653 5000 2083 7653 . . . 1819 . 13.0

. . . 7 900 997 . 141 1629 7528 9177 1049 7528 9177 150 . 150 253 . 253

4505 600 5105 . 21 21 . 75562 71286 148148 22549 14353 41902 35243 33555 65319 12070 18278 37548 384 75 459 160 . 160

6335 600 7135 1172 2395 3564 . 1703110 483181 876291 116647 178614 295561 136172 141935 278127 141791 162612 301903 5195 75 5273 8353 . 8353

. 10000 428300 438300 2352 1900 4252 7048 42500 434048

Carriage and Wagon Department
North Indian Railway

- 29 20 First, second class Composite Carriage
- 30 80 Third class Bogie Carriages
- 31 Fitting, Brake Gear outfit for Carriage and Bogie Carriages

5600 134740 190740 . . . 3171 7000 10171 57829 127740 180569 f
106400 376320 482720 . . . 477 410 584 105923 375910 481833 f
7000 103655 110655 7000 103655 110655

Wellare Branch
32 Providing axle, chains, hooks, Springs &c complete for C.A. Goods stock

848 5512 6360 848 5512 6360 f

Wellkhuam Guntakal Carriage

- 33 10 First & second class Composite Carriage
- 34 8 Mail Service Vans
- 35 1 Fire Engine travelling crane

12000 59060 71060 12000 59060 71060
3800 32560 41360 3800 32560 41360
200 5774 5974 200 5774 5974

Warkentinammanur Branch

- 36 80 2 ton Covered Goods wagons
- 37 20 2 ton 4 wheel bogie wagons

800 107040 113540 800 107040 113540
200 47100 48600 200 47100 48600

38 Minor Works as per schedule C (not printed)

748 4792 5540 748 4792 5540

Carriage and Wagon Department

3368 7410 11058 10668 66479 100521

Total - Schedule A

60208 178864 241470 116647 178614 295561 142172 151265 241437 314557 1133185 180772 5198 75 5273 8353 . 8353

4 65 15 9 5 15 20 67 11 11 4-13

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80378 68,361, 98.739



2001 1638 4539 689 445 1134

9868 4782 6501 0021

20161 90011 9008 8320

402528659/122911
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40252 82659 122911
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141, 141 12

2345 3564

1172 4135

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(A) Engineering Department

Exceeding Rs 5000.

South Indian Railway

Additional sum required for

enlarging the station to provide

accommodation for Mayavaram

Mettur Railway at equivalent

function vide item No. 5 of Schedule A.

Additional sum required for

Tanjore Pullyarpetti Ballast siding

vide item No. 21 of Schedule A.

Additional works accommodation

at Villupuram Board letter No. 10

of 22-11-91

1. Additional works accommodation

at Villupuram Board letter No. 10

of 22-11-91

2. Additional works accommodation

at Villupuram Board letter No. 10

of 22-11-91

3. Additional works accommodation

at Villupuram Board letter No. 10

of 22-11-91

4. Additional works accommodation

at Villupuram Board letter No. 10

of 22-11-91

5. Additional works accommodation

at Villupuram Board letter No. 10

of 22-11-91

6. Additional works accommodation

at Villupuram Board letter No. 10

of 22-11-91

7. Additional works accommodation

at Villupuram Board letter No. 10

of 22-11-91

8. Additional works accommodation

at Villupuram Board letter No. 10

of 22-11-91

9. Additional works accommodation

at Villupuram Board letter No. 10

of 22-11-91

10. Additional works accommodation

at Villupuram Board letter No. 10

of 22-11-91

11. Additional works accommodation

at Villupuram Board letter No. 10

of 22-11-91

Schedule B. A.

322 8028 22330 . . . 14322 8008 22330 560 . 560 1970 . 1970

1069 4367 15436 . . . 11069 4367 15436 5429 . 5429 2376 . 2376

2642 48800 10662 . . . 2348 . 2348 54597 48800 103094 . . .

25 245 245

2001 9108 11107 . . . 2001 9108 11107 . . . 707 . 707

13790 7900 21690 . . . 13790 7900 21690 . . .

120 2880 3000 . . . 120 2880 3000 . . .

429 5454 2001 . . . 429 5454 2001 . . .

8200 5000 14000 . . . 8400 5800 14000 . . .

4695 2703 7398 . . . 4695 2703 7398 . . . 3230 . 3230

37918 11375 30293 . . . 8819 19099 11375 30474 3000 . 3000

2225 5498 7402 . . . 2225 5498 7402 . . . 700 . 700

222 2225 667 . . . 222 2225 667 . . . 64 . 64

2000 . 10000 . . . 1633 . 1633 8367 2000 . 2000

2925 2087 5012 . . . 2925 2087 5012 . . .

2601 4837 7438 . . . 2601 4837 7438 . . . 100 . 100

4999 1057 6058 . . . 4999 1057 6058 342 . 342 661 . 661

10712 . 10712 . . . 10712 . 10712 . . . 10712 . 10712

170674 105040 276574 . . . 12800 157874 108200 263714 11331 . 11331 19200 . 19200

Carried forward

De laet

Quoted at \$500.00

Q. Howard

Wetherburn Santa Fe Railway

14 Providing border flooring to all not

~~Indes de la~~ Dala and

De la Harpe

15th 1000000 and 11th 1000000

Between Lakala and Lakam.

1941-1942

16 D. F. Lewis & Sons, Portland, Me.

between trials and Dr. Williams' Pink Pills

6-20-78

11 D. I.
proving a born blood for

European Rivers at Lapland

Section

10. 11. 1917

2 sev. "one wheel blocks" - 1
 1 "one wheel blocks" - 1
 1 "one wheel blocks" - 1

and Suckers at Pakala

19

Two Divisional Officers

Bungalows and out-houses

for engineering and traffic
Department of Public Works

Agreement as suggested

20
25
25

Aug 228 for President Lincoln

clerks, traffic managers.

clerk's, native guards, the

Officers and Decor Vase

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[illegible]

24 (hol-bainted)

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Electrical Engineering Department

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Discontinued Works (cont'd)

1255 1912 20 20 7861 4975 2486 3748 4475 2420 7974 6403 100177

657 132 106 1148

6800 6850

6800 6850

8363 8363

8363 8363

14200 14200

14200 14200

3670 3350 7020

3670 3350 7020

3940 3060 7000

3940 3060 7000

4000 6500 10500

4000 6500 10500

4000 6500 10500

4000 6500 10500

100

Account of Delaware
B574

48625 bbg bai - 5871

Plant architecture

2881 24801 18

Lawrence and Eugene
Detmold

Upholstered
St. Nicholas Lodge, Wierages, 2nd
1897

Letter No. 92. 6/17/30
 Resent for unforseen needs.
 1600 1600

Wm. H. Porter's schedule C

Total Carriage & Wagon Department 2788 99/138 309916

Total Schedule B.

26150608986721199

Grand Total Schedules A & B }
continued

6095182286x43296362

Total Reproduction on female
Heads with Budget abstract

155th 163rd 318th.

Chief Engineer's Office
Trichingpoly 25th May 1947

26. Please to improve.

*2nd Division for [unclear] to the
[unclear] [unclear] to be referred*

Board of Directors - viz. -
 Constructing a final station at Linneston
 £ 310 ⁰/₃ (South Indian Railway).

~~Pronding a lay-type, loading back, in good~~

Railway Account Schedule and B

Works for the Official Year 1933-34

Continued for 1933-34

General
Accounting
Electricity, Water, Fuel, and
Maintenance of Road

Cost of Materials and Stores, Total and Sub-Total, and Statement of

Sanctioned Works (continued)

41339 657 13996 6195 2974 9869 91 18500 2966 4816 9769 1933-34 160 4196

11 976

42339 657 13996 6195 2974 9869 91 18500 2966 4816 9769 1933-34 160 4196

42339 657 13996 6195 2974 9869 91 18500 2966 4816 9769 1933-34 160 4196

42339 657 13996 6195 2974 9869 91 18500 2966 4816 9769 1933-34 160 4196

42339 657 13996 6195 2974 9869 91 18500 2966 4816 9769 1933-34 160 4196

42339 657 13996 6195 2974 9869 91 18500 2966 4816 9769 1933-34 160 4196

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Budget Estimate of Functional and Miscellaneous

Actual Available
Estimate of Expenditure on Maintenance Balance
1931-32 1932-33

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M. Spalding
Chief Engineer

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12. A
No. 56. R 9 19 June 1893.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Endorsement from
the Comptroller for Rys. } H.E. No. 228 of 10 June 1893.

14/10

Ordered that the
Schedules A and B of
sanctioned and measure-
tioned works to accompany
the South Indian Railway
Capital Budget Estimate for
1893-94 be forwarded to the
Govt. of India for information
in continuation of Progo.
no. 826 R. dated 6 May 1893.

15/10

DISPATCHED

- 2. The Comptroller for Rys
- 4. Mr. B. R. Reddy
- 1. Editor's Table

532/10

No. 957R

Government of Madras.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

To

THE SECY. TO THE GOVT. OF INDIA,

P. W. DEPARTMENT.

15-10. 19th June 1893.

SIR,

With reference to
para 3 of my letter No.
827R, dated 6th May 1893,
I am directed to forward
herewith, for the information
of the Govt. of India, Schedules
A and B of sanctioned and
unsanctioned works to
accompany the South
Indian Railway Capital
Budget Estimate for 1893-94.

U6
15/June

Schedule C. for works
under Govt.

FM R

A
No. 956R 3 19-June 1893.

A

No 954 R 7 19 June, 1973

