Public Works (1897) Department.

G.O., No. 513-14R

DATED 28. Dec 1897

[Despatch Abstract.]

Establishment Rolls & Working Estimates, Madras Ry:

Approving &c — for the half year ending the 31st December 1897 and directing that copies be forwarded to the Govt of India.

Forwarded.

[P.W. 20. 5,000—30-11-96.]

3.8.97.

Indexed. 5/8/97

BACK PAPERS.

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

FURTHER PAPERS.

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

Madras Railway Company.

ESTABLISHMENT ROLLS & WORKING ESTIMATES

FOR THE

Half-year ending 31st December, 1897.

Printed by H. Plumbe, at the Lawrence Asylum Press, Mount Road, Madras—1897.

MADRAS RAILWAY.

Length 839 Miles, 17 Chains, 65 Feet Mean Length.

Abstract of the Cost of working and maintaining the open Line, together with the estimated earnings for the Half-year, 31st December 1897.

EXPENDITURE.										EARNINGS.				
Actuals for Half-year, December 1896.	Per cent. on gross earnings.		Abstract.	Page.	Sanctions for Half-year, June 1897.	Per cent. on gross earnings.	Estimate.	Per cent. on gross earnings.	Actuals for Half-year, December 1896.		Abstract.	Sanctions for Half-year, June 1897.	Estimate.
Rs.					Rs.		Rs.		Rs.			Rs.	Rs.
6,45,543	11·93	To Maintenance of Way, Works and Stations	A	10—21	8,11,669	15·06	8,31,191	15·25	22,37,360	By Coaching traffic	H	23,00,000	23,00,000
10,51,453	19·43	,, Locomotive Expenses ...	B	24—33	10,63,776	19·74	10,55,383	19·36	30,60,222	,, Goods traffic	I	30,00,000	30,60,000
3,05,538	5·65	,, Carriage and Wagon Expenses	C	24—34 36—38	3,26,763	6·06	3,23,748	5·94					
4,16,454	7·69	,, Traffic Expenses	D	40—47	4,51,893	8·38	4,49,904	8·26	10,440	,, Electric Telegraph earnings.	...	10,000	10,000
2,86,821	5·30	,, General Charges	E	48—63	3,11,765	5·78	3,06,449	5·62					
...	...	,, Steam-boat Service ...	F	...	...	...	...	...	...	,, Steam-boat earnings ...	J	...	...
45,107	·83	,, Special and Miscellaneous Expenditure	G	64	58,481	1·09	58,559	1·08	1,03,829	,, Sundries	K	80,000	80,000
27,50,916	50·83				30,24,347	56·11	30,25,234	55·51					
26,60,935	49·17	,, Balance net earnings ...	...	...	23,65,653	43·89	24,24,766	44·49					
54,11,851	100·00	Total ...	...	...	53,90,000	100·00	54,50,000	100·00	54,11,851	Total ...	...	53,90,000	54,50,000
Miles.					Miles.		Miles.		248	,, Gross earnings per mean mile per week	...	247	250
1,243,216		Train Mileage ...	...	...	1,242,000	...	1,245,000	...					

Ag. Agent and Manager.

Consulting Engineer for Railways.

MADRAS-ENNUR RAILWAY.

Length 8 Miles, 36 Chains, 8 Feet Mean Length.

Abstract of the Cost of working and maintaining the open Line, together with the estimated earnings for the Half-year, 31st December 1897.

EXPENDITURE.									EARNINGS.					
Actuals for Half-year, Dec. 1896.	Per cent. on gross earnings.		Abstract.	Page.	Sanctions for Half-year, June 1897.	Per cent. on gross earnings	Estimate.	Per cent. on gross earnings	Actuals for Half-year, Dec. 1896.		Abstract.	Sanctions for Half-year, June 1897.	Estimate.
Rs.					Rs.		Rs.		Rs.			Rs.	Rs.
13,558	36·98	To Maintenance of Way, Works and Stations	A	22—23	7,078	23·56	8,496	28·12	20,218	By Coaching traffic	H	25,000	25,000
7,135	19·46	„ Locomotive Expenses ...	B	24—33	5,939	19·76	5,860	19·39					
2,076	5·66	„ Carriage and Wagon Expenses	C	24—34 36—38	1,824	6·07	1,798	5·96	16,242	„ Goods traffic	I	5,000	5,000
2,824	7·71	„ Traffic Expenses	D	40—47	2,522	8·39	2,497	8·26					
1,969	5·37	„ General Charges	E	48—63	1,752	5·83	1,701	5·63	16	„ Electric Telegraph earnings...	...	10	15
...	...	„ Steam-boat Service ...	F	...	...	...	...	...	...	„ Steam-boat earnings ...	J	...	...
308	·84	„ Special and Miscellaneous Expenditure	G	64	332	1·11	330	1·09					
1,833	5·00	„ Hire of Rolling-stock ..	...	...	1 503	5·00	1,511	5·00	184	„ Sundries	K	40	200
252	·69	„ Rent of Telegraph Instruments	...	...	...	...	...	...					
29,955	81·71				20,950	69·72	22,193	73·45					
6,705	18·29	„ Balance net earnings ...	...	...	9,100	30·28	8,022	26·55					
36,660	100·00	Total ...	...	...	30,050	100·00	30,215	100·00	36,660	Total ...	...	30,050	30,215
Miles.					Miles.		Miles.						
14,758		Train Mileage ...	..	...	15,400	...	15,000	...	166	„ Gross earnings per mean mile per week	...	137	137

Ag. Agent and Manager.

Consulting Engineer for Railways.

MADRAS RAILWAY.

ABSTRACT **A.**

Engineering Department.

Maintenance of Way, Works and Stations.

Authorizations for the Half-year ending 31st December 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for the Half-year 31st December 1896.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
1st—General Superintendence—									
1. *Engineers' Salaries—*									
Chief Engineer	...	1,500—1,800	...	...	...	...	1,650	*a* 5,115	
Acting Chief Engineer ...	...	...	1	1,275	8,196	1	1,650	*a* 5,115	
Personal Allowance... ...	...	...		91					
Personal Assistant to the Chief Engineer.	2nd Class, 1st Grade.	550—700					1,275	*b* 3,698	
Special Allowance	...	* 200	1	900	5,400	1	900	*c* 5,400	
District Engineers	1st Class, 1st Grade.	750—900							
Personal Allowance	...	† 182	3	2,550	15,300	4	3,841	*d* 18,111	
Assistant District Engineers ...	2nd Class	550—700							
Do. ...	3rd do.	350—500	4	2,038	12,225	4	2,075	*e* 10,638	
Temporary Engineer ...	3rd do.	...	1 2	1,050	6,300	1 2	1,238	*f* 7,155	
Sub-Assistant Engineer ...	...	250	1	250	1,500	1	250	1,500	
Engineering Assistant ...	...	200	1	200	1,200	1	200	1,200	
Exchange Compensation Allowance	...	...	...	...	5,517	...	...	*g* 4,204	
Total I—(1) ...	...	...	14	...	55,638	15	...	57,021	52,344
2. *Allowances of Engineers including Travelling*	...	...	...	...	6,300	...	...	6,300	6,262
3. *Subordinate Superintendents—*									
Permanent-Way Inspectors ...	1st Class, 1st Grade.	101—200	21	3,180	19,080	*h* 20	3,140	18,840	...
Do. ...	1st Class, 2nd Grade.								
Do. ...	2nd Class.								
Do. ...	3rd Class.	100	7	700	4,200	7	700	4,200	...
Carried over ...	...	...	28	...	23,280	27	...	23,040	...
	...	...	14	...	61,938	15	...	63,321	58,606

EXPLANATORY NOTE.

a. Mr. H. C. West acts for Mr. L. S. Moss, the Agent and Manager, on furlough, from 28th March 1896.
„ West's full salary at Rs. 1,650 from 28th September 1897.

b. „ H. J. Thompson acts for Chief Engineer, and draws at Rs. $\left(\frac{1,650+900}{2}\right)$ = Rs. 1,275 from 1st July to 27th September 1897.

c. „ J. M. Ewing.

* Special allowance of Rs. 200 per mensem to Mr. Ewing (*vide* M.O.M., No. 8 of 1894).

d. Mr. G. A. F. French at Rs. 900.
„ H. J. Thompson at „ 900 from 28th September 1897.
„ E. W. Stoney at „ 541 on furlough.

† Personal allowance sanctioned to Mr. E. W. Stoney in G. I. No. 1914 of 17th July 1891, Madras G. O. No. 1758 R., dated 31st July 1891.

Mr. Ross Chisholm at Rs. $\left(\frac{900+700}{2} = \text{Rs. } 800\right)$, Rs. 750.

„ Chisholm is entitled to promotion to the higher grade of 2nd Class, Rs. 700, from 1st July 1897.

„ A. B. Strange at Rs. $\left(\frac{900+625}{2} = \text{Rs. } 762\text{-}8\text{-}0\right)$, Rs. 750 from 1st July to 27th September 1897. Acts for Mr. Thompson.

e. „ F. A. Pawley, on furlough from 29th October 1896 (*vide* M.O.M. of 28th October 1896), is entitled to promotion to the higher grade of 2nd Class from 1st July 1897, at Rs. 700.

„ A. B. Strange at Rs. 625 from 28th September 1897.

„ J. B. Duncan at Rs. $\left(\frac{700+500}{2} = \text{Rs. } 562\text{-}8\text{-}0\right)$, Rs. 550. Acts for Mr. Chisholm.

„ J. R. Sandford at Rs. $\left(\frac{700+500}{2} = \text{Rs. } 562\text{-}8\text{-}0\right)$, Rs. 550. Acts for Mr. Pawley.

f. „ A. C. Gale at Rs. $\left(\frac{625+350}{2} = \text{Rs. } 487\text{-}8\text{-}0\right)$, from 1st July to 26th September 1897 and at Rs. $\left(\frac{625+400}{2} = \text{Rs. } 512\text{-}8\text{-}0\right)$ for 27th September and at Rs. 400 from 28th September to 31st December 1897. He is entitled to promotion to the higher grade of 3rd Class under agreement, and acts for Mr. Strange.

„ J. W. Gallagher (Temporary Engineer), *vide* G.O., No. 59 R., dated 26th January 1897, at Rs. 400.

Additional Temporary Engineer sanctioned in Board's letter, No. 939, of 3rd July 1896, Rs. 350.

g. Calculated at Exchange of 1*s.* 2¾*d.* per rupee.

h. The number of Permanent-way Inspectors is reduced from 21 to 20.

MADRAS RAILWAY.

ABSTRACT **A.**

Engineering Department—(*continued*).

Maintenance of Way, Works and Stations.

Authorizations for the Half-year ending 31st December 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half year, 31st December 1896.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	14	...	61,938	15	...	63,321	58,606
	...	...	28	...	23,280	27	...	23,040	...
1st—General Superintendence—(*continued*).									
3. *Subordinate Superintendents*—(continued).									
Probationary Inspectors ...	...	75	4			4			
Sub-Inspectors	...	50	7	1,510	9,060	10	a1,600	9,600	...
Inspectors' Assistants ...	...	40	24			21			
Inspector of Points and Crossings and Signals	...	250—300	1	275	1,650	1	b 250	1,500	...
Bridge Inspector	...	300	1	300	1,800	1	300	1,800	...
Engineering Workshop's Superintendent	...	101—200	1	200	1,200	1	200	1,200	...
Special Allowance	...	25	...	...	c 150	...	...	...	...
Exchange Compensation Allowance	...	...	...	...	533	...	...	d198	...
Total I—(3) ...	...	...	66	...	37,673	65	...	37,338	34,947
4. *Allowance of Subordinate Superintendents, including Travelling*	...	...	...	...	1,300	...	...	e 1,600	1,623
5. *Overtime Allowances*	...	...	...	...	...	...	...	...	...
6. *Office Expenses*—									
Chief Engineer's Office—									
Chief Clerk...	...	225	1	225	1,350	1	225	1,350	...
Clerks	...	100 & below	19	810	4,860	f 21	810	4,860	...
Superintendent of Drawing Office	...	275	1	250	1,500	1	275	g 1,650	...
Draftsmen	...	100 & below	19	680	4,080	19	680	4,080	...
Menials *	...	...	21	155	930	21	155	930	...
Carried over ...	...	...	61	...	12,720	63	...	12,870	12,242
	...	...	...	...	1,00,911	...	...	1,02,259	95,176

EXPLANATORY NOTE.

a. It is proposed to employ 10 Sub-Inspectors at Rs. 50, 17 Inspectors' Assistants at Rs. 40, and 4 at Rs. 30 instead of the following staff provided in the previous Establishment Rolls *viz.*, :—

Sub-Inspectors 7 at Rs. 50
Inspectors' Assistants 14 „ 40
Do. 10 „ 30

and an increase of Rs. 25 per mensem (or Rs. 150 for half-year) has been provided for the above in addition to the amount of Rs. 40 transferred from item marked "*h*" Permanent-Way Inspectors and Rs. 25 from item marked "*k*" (Special allowance to Mr. Natall).

b. Minimum salary provided for a new Inspector in place of Mr J Punter resigned

c. As Mr. T. Natall has left the Company's service, the special allowance drawn by him, *viz.*, Rs. 25 per month has been transferred to "Sub-Inspectors and Inspectors' Assistants."

d. Calculated at Exchange of 1*s.* 2¾*d.* per rupee.

e. Increased in accordance with actual average expenditure.

f. Number increased not involving additional expenditure.

g. Mr. R. A. Harman's salary increased from Rs. 250 to Rs. 275 from 1st January 1897. *Vide* Consulting Engineer's letter, No. 715, of 24th February 1897.

* 1 Binder, 8 Peons, 8 Lascars, 3 Punkah Lascars, and 1 Office servant.

MADRAS RAILWAY.

ABSTRACT **A.**

Engineering Department—(*continued*).

Maintenance of Way, Works and Stations.

Authorizations for the Half-year ending 31st December 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for the Half-year, 31st December 1897.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	1,00,911	...	...	1,02,259	95,176
	...	...	...	...	12,720	...	...	12,870	12,242
6. *Office Expenses—(contd.)*									
District Engineer's Office—									
1ST DISTRICT.									
Clerks, Accountant, Inspectors' Writers, Timekeeper and Store Writer	...	100 & below	19	427	2,562	19	427	2,562	...
Draftsman	...	...	1	30	180	1	30	180	...
Storekeeper	...	50	1	50	300	1	50	300	...
Peons	...	...	4	28	168	4	28	168	...
			25	...	3,210	25	...	3,210	3,073
2ND DISTRICT.									
Clerks, Accountant, Inspectors' Writers, Time-keeper and Store Writer	...	100 & below	17	375	2,250	17	375	2,250	...
Draftsman	...	...	1	30	180	1	30	180	...
Storekeeper	...	50	1	50	300	1	50	300	...
Peons	...	...	4	28	168	4	28	168	...
			23	...	2,898	23	...	2,898	2,868
3RD DISTRICT.									
Clerks, Accountant, Inspectors' Writers, Timekeeper and Store Writer	...	100 & below	17	386	2,316	17	386	2,316	...
Draftsman	...	...	1	30	180	1	30	180	...
Storekeeper	...	50	1	50	300	1	50	300	...
Peons	...	...	5	35	210	5	35	210	...
			24	...	3,006	24	...	3,006	2,899
Carried over ...	...	...	...	...	21,834	..	...	21,984	21,082
	...	...	...	...	1,00,911	...	...	1,02,259	95,176

EXPLANATORY NOTE.

MADRAS RAILWAY.

ABSTRACT **A.**

Engineering Department—(*continued*).

Maintenance of Way, Works and Stations.

Authorizations for the Half-year ending 31st December 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half-year, 31st December 1896.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward...	...	...	...	...	1,00,911	...	...	1,02,259	95,176
	...	...	...	...	21,834	...	...	21,984	21,082
6. *Office Expenses—(concld.)*									
District Engineer's Office—(concluded).									
Terminal Works.									
Clerks, Time-keepers and Inspector's Writers ...	...	100 & below.	4	80	480	4	80	480	
Storekeeper	...	50	1	50	300	1	50	300	
Peons and Lascars	...	...	3	20	120	3	20	120	
			8	...	900	8	...	900	787
Engineering Workshops.									
Book-keeper	...	120	1	120	720	1	120	720	
Clerks, Time-keepers and Loading Clerks, &c. ...	...	100 & below.	17	288	1,728	17	288	1,728	
European Watchman ...	..	...	1	25	150	1	25	150	
Native Watchmen	...	...	4	28	168	4	28	168	
Peons	...	...	2	14	84	2	14	84	
			25	...	2,850	25	...	2,850	2,149
General.									
Travelling Allowance of other Subordinates...	...	...	...	..	400	...	...	400	312
Contingencies...	...	...	...	...	6,500	...	...	6,500	4,689
Stationery	...	...	...	...	2,500	...	...	2,500	a 4,396
	...	...	...	...	34,984	...	...	35,134	33,415
Total, General Superintendence ...	...	...	...	...	1,35,895	...	...	1,37,393	1,28,591

EXPLANATORY NOTE.

a. Increase owing to heavy stationery for printing Service Register Books, Reports, &c., &c.

MADRAS RAILWAY.

ABSTRACT **A.**

Engineering Department—(*concluded*).

Maintenance of Way, Works and Stations for the Half-year ending 31st Deeember 1897.

PARTICULARS.	Sanctions for the previous Half-year.		Estimate.		Actuals for the Half-year, 31st December 1896.	
	Amount.	Total.	Amount.	Total.	Amount.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	...	1,35,895	...	1,37,393	...	1,28,591
2nd—Maintenance and Renewal of Permanent Way—						
(1.) Wages	1,47,423		*a* 1,56,779		1,45,497	
(2.) Materials	1,87,690	3,35,113	*b* 1,88,685	3,45,464	1,14,273	2,59,770
3rd—Repairs of Bridges, &c., Wages and Materials—						
(1.) Bridges and Tunnels	25,681		*c* 39,398		27,174	
(2.) Miscellaneous including Earthwork, Roads, Fencing, &c.	31,650	57,331	*d* 32,348	71,746	31,562	58,736
4th—Repairs of Stations and Buildings, &c., Wages and Materials—						
(1.) Repairs of buildings of every description including Station yards and Signals, but excepting quarters for the Staff	56,015		*e* 57,824		72,100	
(2.) Repairs of Staff quarters	19,075	75,090	19,756	77,580	17,889	89,989
5th—Maintenance by Contract—						
(1.) Amount paid to Contractors ...	...		...		...	
(2.) Materials supplied by the Company.	...	...	...	...	...	...
6th—New Minor Works	11,085	11,085	11,085	11,085	8,798	8,798
7th—Unclassified Expenditure—						
(1.) Plantations	1,545		1,545		1,206	
(2.) Tools and Plant...	3,950		3,950		3,729	
(3.) Loss on Stores	20,350		*f* 20,350		138	
(4.) Loss by Exchange	1,55,408		*g* 1,48,473		75,897	
(5.) Carriage of Revenue Stores ...	28,382		*h* 28,982		29,941	
(6.) Arcot-Ranipet Survey	...	2,09,635	...	2,03,300	1,633	1,12,544
Total Abstract A. Maintenance of Way, Works and Stations	...	8,24,149	...	*i* 8,46,568	...	*j* 6,58,428
Deduct—Cost of working the Kolar Gold Fields Railway	...	12,480	...	15,377	...	12,885
Total Rs. ...	...	8,11669	...	8,31,191	...	6,45,543
Cost of maintaining a mile of track including sidings	...	798	...	817	...	636

EXPLANATORY NOTES.

a. Includes extra gangs for maintenance of K. G. F. Railway.
Increased provision on account of Night Watchmen during north-east monsoon.
Provision on account of Revenue portion of the estimates for sanctioned works, Rs. 4,100.
Increased wages to the Gangmen and Watchmen employed on 1st District, 1st Section, and Bangalore Branch, owing to large demand of labor in their respective vicinities.

b. Provision for covering sand ballast with broken stone, Rs. 25,000.
General stores handling charges, Rs. 4,000.
Additional provision is made for renewals with 30-feet steel rails on 1st District. Also larger renewals on 2nd and 3rd Districts.
Provision for Revenue portion of the estimates for sanctioned works.

c. Provision on account of Revenue portion of the estimates for sanctioned works, Rs. 8,150, and strengthening girder bridges at $\frac{175}{46}$ miles, B. B., &c., Rs. 5,181. Also restoration of bridges at $\frac{95}{2\text{-}3}$ and $\frac{107}{10\text{-}11}$ miles north-west Line, Rs. 13,167.

d. Provision on account of Revenue portion of the estimates for sanctioned works, Rs. 2,698.

e. Provision on account of Revenue portion of the estimates for sanctioned works, Rs. 16,740. Also extra provision for additional repairs to terminal buildings, &c., Rs. 3,250.

f. Anticipated loss on sale of stores in stock on 30th June 1897.

g. Loss by Exchange calculated at 49·15 per cent. on estimated expenditure of English stores.

h. Increase on account of large renewals.

i. The proposed estimate figures are net.

j Credits taken for old stores returned to stock, Rs. 1,72,859, deducted from sub-heads.

MADRAS RAILWAY.

APPENDIX A. *to Maintenance Estimates (not for Audit purposes) for the Half-year ending 31st December 1897.*

Miles Maintained.	Departmentally.	By Contract.	Total.
	Ms. Chs. Ft.		Ms. Chs. Ft.
Railway Lines { Double	42 32 34½ × 2	...	84 65 3
Railway Lines { Single (including K. G. F. Ry.) ...	806 65 30½	...	806 65 30½
Sidings (including K. G. F. Ry.)	144 31 45	...	144 31 45
Total single track including sidings ...	...	...	1,036 2 12½

Description of Work.	Amount.	Total.	REMARKS.
	Rs.	Rs.	
II.—MAINTENANCE AND RENEWAL OF PERMANENT WAY—			*Ordinary Gangs consisting of—* Rs. Rs.
			333 Gang Maistries, aggregate monthly pay ... 3,765
1. *Wages*—			2,359 Gang Coolies, do. ... a 12,589
			16,354 × 6 = 98,124 (1)
(1) 333 Gangs	98,124		*Extra Gangs consisting of—*
(2) 10 Extra Gangs ...	4,200		10 Gang Maistries, aggregate monthly pay ... 100
(3) Establishments	50,355		80 Gang Coolies, do. ... 600
Revenue portion of the Estimates for sanctioned works	4,100		700 × 6 = 4,200 (2)
	1,56,779		*Establishments.* Rs. A.
2. *Materials*—			25 Section Maistries ... 480 0
			29 Carpenters ... 525 8
(4) Ballast	42,500		29 Blacksmiths ... 530 8
Rails	*b* 90,123		29 Hammermen ... 210 0
			31 Bellows Boys ... 144 0
Sleepers	*c* 49,612		6 Tinkers ... 112 8
			6 Painters ... 110 8
Proportion of General Stores Working Expenses	4,000		12 Engineer's Lascars ... 84 0
			3 Store Lascars ... 21 0
Revenue portion of the Estimates for sanctioned works	2,450		46 Store Watchmen ... 315 0
			17 Store Coolies ... 96 0
	1,88,685		*d* 504 Line Watchmen ... 3,243 0
			e 209 Night do. ... 1,339 0
			20 Bridge do. ... 138 0
			2 Patrolling do. ... 30 0
			7 Staff Bungalow Peons & Watchmen 54 0
			4 Do. Servants ... 31 0
			Proportionate amount of wages of Arkonam Depôt Staff 121 0
			Repairs to Turn-tables, Weigh Bridges, &c. ... 650 0
			Acting allowance for extra men in case of sickness ... 70 0
			Loading and Unloading Materials 50 0
			5 Extra Watchmen for K. G. F. Railway Branch ... 37 8
			8,392 8 × 6 = 50,355 (3)
			Sand Ballast ... 17,500
Total Head II, Abstract A ...		3,45,464	Covering sand ballast with broken stones ... ... 25,000 = 42,500 (4)

EXPLANATORY NOTE.

a. Increase of wages to Gangmen on 1st District.

b. Increase on account of heavy renewals on 3rd Distict.

c. Decrease in accordance with actual average expenditure.

d. Increase of wages to Watchmen on 1st District.

e. Provision for Night Watchmen on account of north-east monsoon.

MADRAS-ENNUR RAILWAY.

ABSTRACT **A.**

Engineering Department.

Estimate of the actual expenditure anticipated in maintaining the Madras-Ennur Section of the Bezwada-Madras Railway for the Half-year ending 31st Dec. 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half year, ending 31st December 1896.
1st—General Superintendence—		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
(3) *Subordinate Superintendents—*									
Permanent-Way Inspector ...	3rd class	100	1	100	600	1	100	600	600
(6) *Office Expenses—*									
Inspector's Writer		100 and below.	1	15	90	1	15	90	93
General.									
Contingencies	...	...	...	...	40	...	...	40	...
Stationery	...	...	...	...	60	...	...	60	...
Total I (6) ...	...	...	...	...	190	...	...	190	93
Total I ...	...	...	...	...	790	...	...	790	693
				Amount.	Total.	Amount.	Total.	Amount.	Total.
Total I. General Superintendence as above ...			...		790	...	790	...	693
2nd—Maintenance and Renewal of Permanent-Way—									
(1) Wages			3,438			a 3,606		b 7,232	
(2) Materials			2,000			2,000		2,446	
					5,438		5,606		9,678
3rd—Repairs of Bridges, &c., Wages and Materials—									
(1) Bridges and Tunnels			100			100		76	
(2) Miscellaneous including Earthwork, Roads, Fencing, &c.			300			300		c 530	
					400		400		606
4th—Repairs of Stations and Buildings, Wages and Materials—									
(1) Repairs of buildings of every description including Station yards and Signals, but excepting quarters for the Staff...			50			50		d 601	
(2) Repairs of Staff quarters			100			100		e 484	
					150		150		1,085
5th—Maintenance by Contract—									
(1) Amount paid to Contractors			...			...		...	
(2) Materials supplied by the Company			...			...		...	
					...		...		...
6th—New Minor Works			...			...		...	...
					...		...		...
7th—Unclassified Expenditure—									...
(1) Plantations			...			...		...	
(2) Tools and Plant			50			50		25	
(3) Loss on Stores			...			...		...	
(4) Loss by Exchange			...			...		40	
(5) Carriage of Revenue Stores			250			f 1,500		1,431	
					300		1,550		1,496
Total Abstract A, Maintenance of Way, Works and Stations ...					7,078		8,496		13,558
Cost of maintaining a mile of track including Sidings.			...		691	...	800	...	1,283

EXPLANATORY NOTE.

a. Increase on account of Night Watchmen provided for north-east monsoon.

b. Includes loading and unloading charges for ballast.

c. Excess owing to exavating drains in station yards.

d. Owing to repairs, etc., to Stations, Fencing, Levelling, Platform, &c.

e. Owing to repairs to the Staff Quarters at Ennur.

f. Increased in accordance with actual average expenditure.

MADRAS RAILWAY.

ABSTRACTS B AND C.

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 31st December 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1896.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
I.—General Superintendence.—									
(1) *Salaries of Superintendents and Assistants—*									
Locomotive and Carriage Supt. ...	...	1,090–1,636	1	1,363	8,583	1	1,636	*a* 9,816	...
Deputy do. do. do. ...	...	700—900	1	900	5,400	1	900	*b* 5,400	...
~~Ag. do. do. do. do.~~ ...	...	...	...	...	...	...	...	...	...
1st Asst. do. do. do. ...	...	500—600	...	...	...	1	500	*c* 3,000	...
Ag. do. do. do. do. ...	...	...	1	500	3,000	...	...	...	...
2nd Asst. do. do. do. ...	...	350—450	1	350	2,100	1	350	*d* 2,100	...
Exchange Compensation Allowance.	...	...	...	...	2,625	...	...	*e* 2,007	...
			4	...	21,708	4	...	22,323	19,503
Deduct chargeable to Capital ...	...	...	...	...	...	...	...	...	...
Total I—(1) ...	...	...	4	...	21,708	4	...	22,323	19,503
(2) *Allowances of Superintendents and Assistants, including Travelling*	...	...	...	...	850	...	...	850	885
(3) *Subordinate Superintendents—*									
PERAMBUR WORKS.									
Foreman, Erecting Shop... ...	...	350	1	175	1,085	1	*f* 350	2,100	...
Erector and Fitter	...	300	1	300	1,800	1	237	*g* 1,422	...
Acting Allowance	...	...	...	32	189	...	...	...	...
Foreman, Machine Shop... ...	...	350	1	350	2,100	1	325	*h* 1,950	...
Turner	...	200	1	200	1,200	1	200	1,200	...
Foreman, Boiler Shop	...	350	1	350	2,100	1	350	2,100	...
Boilersmith	...	300	1	237	1,422	1	237	1,422	...
Foreman, Carriage Shop ...	...	350	1	350	2,100	1	350	2,100	...
Carried over ...	...	...	7	...	11,996	7	...	12,294	...
	...	...	4	...	22,558	4	...	23,173	20,388

EXPLANATORY NOTE.

a. Mr. C. E. Phipps, Rs. 1,636, from 17th May 1897. *Vide* G.O., No. 1804 R., dated 7th August 1891.

b. Mr. A. Pilkington, Rs. 900.

c. Mr. H. J. Stanley, Rs. 500, appointed 1st Assistant Loco. Superintendent. *Vide* Board's letter, No. 948, dated 29th January 1897.

d. Mr. P. G. Porteous appointed Probationary 2nd Assistant Loco. Superintendent. *Vide* Board's letter, No. 948, dated 29th January 1897.

e. Calculated at Exchange of 1*s.* 2¾*d.* per rupee.

f. Full pay as against sick pay during the previous half-year.

g. Application has been made for the appointment of an Erector and Fitter in place of Mr. Outon promoted.

h. Mr. Outon promoted to Machine Shop Foreman. *Vide* M.O.M., 30th April 1897.

MADRAS RAILWAY.

ABSTRACTS **B** AND **C**—(*continued*).

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 31st December 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1896.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	4	...	22,558	4	...	23,173	20,388
	...	...	7	...	11,996	7	...	12,294	...
I.—General Superintendence—(*continued*).—									
(3) *Subordinate Superintendents*—(concluded).—									
Carriage Builder	...	300	1	300	1,800	1	300	1,800	...
Carriage Painter	...	237	1	237	1,422	1	237	1,422	...
Foreman, Smith Shop	...	350	1	350	2,100	1	350	2,100	...
Springsmith	...	300	1	252	1,512	1	*a* 267	1,602	...
Foreman, Foundry	...	350	1	350	2,100	1	350	2,100	...
Weigh Bridge and Weighing Machine Inspector	...	300—350	1	300	1,926	1	*b* 325	1,950	...
RUNNING SHED.									
Foreman, Madras	...	350	1	350	2,100	1	350	2,100	...
Do. Jalarpet	...	350	1	350	2,100	1	350	2,100	...
Do. Salem	...	350	1	275	1,813	1	325	*c* 1,950	...
Do. Podanur	...	350	1	350	2,100	1	350	2,100	...
Do Renigunta	...	350	1	325	1,950	1	325	1,950	...
Do. Gooty	...	350	1	350	2,100	1	350	2,100	...
Do. Bangalore	...	350	1	350	463	1	350	*d* 2,100	...
Do. On leave	...	...	2	350	1,489	...	...	...	...
Fuel Inspector	..	300	1	300	1,800	1	300	1,800	...
Exchange Compensation Allowance.	...	...	...	...	3,179	...	...	*e* 2,275	...
			23	...	41,950	21	...	41,743	41,163
Deduct chargeable to Capital ...	...	...	...	...	...	...	...	...	...
Total I—(3) ...	...	...	23	...	41,950	21	...	41,743	41,163
(4.) *Allowances of Subordinate Superintendents, including Travelling*	...	...	...	...	1,950	...	...	1,950	*f* 2,483
(5.) *Overtime*	...	...	...	...	...	...	...	...	...
Carried over ...	...	...	27	...	66,458	25	...	66,866	64,034

EXPLANATORY NOTE.

a. Increase proposed within sanctioned maximum for Springsmith.

b. Rs. 325 from 31st January 1897. Increase under agreement and Consulting Engineer's No. 2576, dated 17th August 1894.

c. Due to return of permanent incumbent from leave. See note on last Establishment Lists.

d. Do. do. do. do.

e. Calculated at Exchange of 1s. 2¼*d.* per rupee.

f. Includes Rs. 654-8-8, passage money paid to Foremen R. B. Ward and W. Barefoot.

MADRAS RAILWAY.

ABSTRACTS **B** AND **C**—(*continued*).

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 31st December 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1896.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	27	...	66,458	25	...	66,866	64,034
I.—General Superintendence —(*continued*)—									
(6) *Office Expenses*—									
LOCOMOTIVE AND CARRIAGE SUPERINTENDENT'S OFFICE.									
Chief Draftsman	...	350	1	350	2,100	1	350	2,100	...
Exchange Compensation Allowance.	...	...	...	...	325	...	...	*a* 231	...
Accountant	...	300	1	300	1,800	1	300	1,800	...
Clerks	...	101—175	2	235	1,410	2	*b* 245	1,470	...
Do.	...	100 & below	86	2,255	13,530	86	2,255	13,530	...
Draftsman	...	237	1	237	1,422	1	237	1,422	...
Exchange Compensation Allowance.	...	...	...	...	220	...	...	*c* 157	...
Menials *	...	...	17	139	834	17	139	834	...
			108	...	21,641	108	...	21,544	...
LOCOMOTIVE STORES PERAMBUR.									
Storekeeper	...	200	1	175	1,050	1	175	1,050	...
Travelling Allowance	...	...	...	...	50	...	...	50	...
Contingencies, Stationery and Printing, Hot-weather Establishment and Stores	...	...	...	...	3,500	...	...	3,500	...
Total I—(6) ...	...	...	109	...	26,241	109	...	26,144	25,467
Total I, General Superintendence ...	...	...	136	...	92,699	134	...	*d* 93,010	89,501
Chargeable to Carriage and Wagon Expenses, carried over to page 34	...	...	...	...	21,321	...	...	21,392	19,690
Chargeable to Locomotive Expenses Carried over ...	...	...	...	...	71,378	...	...	71,618	69,811

EXPLANATORY NOTE.

a. Calculated at Exchange of 1s. 2¼d. per rupee.

b. Increase of Rs. 10 proposed to be given to one Clerk.

c. Calculated at Exchange of 1s. 2¼d. per rupee.

* 2 Moochies, 1 Duffadar, 3 Naigues and 11 Peons.

d. The charges under this head have been apportioned as under :—
Locomotive Expenses, 77 per cent.
Carriage and Wagon Expenses, 23 per cent.

MADRAS RAILWAY.

ABSTRACT **B.**

Locomotive Expenses—(*continued*).

Authorizations for the Half-year ending 31st December 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year. 31st December 1896.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward...	...	...	...	...	71,378	...	...	71,618	69,811
II.—Running Expenses (Wages connected with the working of Locomotive Engines)—									
(1.) *Wages of Drivers and Firemen.*									
Drivers, Covenanted (in charge) ...	...	250	1	250	1,500	1	250	1,500	...
Do. do.	...	218	1	218	1,309	...	...	*a* ...	...
Do. do.	...	218	...	...	...	...	...	*a* ...	...
Do. do.	...	219	...	...	...	...	...	*a* ...	...
Do. do.	...	219	1	219	1,314	1	219	1,314	...
Do. Uncovenanted (in charge) ...	...	250	2	250	2,042	2	250	*b* 3,000	...
Do. do.	...	101—200	75	...	62,000	75	...	59,500	...
Do. do.	...	100 & below.	55	...	19,500	56	...	22,000	...
Firemen do.	...	100 & below.	240	...	24,000	255	...	23,000	...
Total II—(1) ...	...	...	375	...	1,11,665	390	...	*c* 1,10,314	1,08,019
(2.) *Overtime Allowances* ...	...	...	...	...	37,500	...	...	37,500	37,065
(3.) *All labour connected with fueling, cleaning and looking after engines in yard...*	...	...	...	...	29,500	...	...	29,500	29,592
(4.) *Contingent expenses, including clothing and travelling expenses*	...	...	...	...	150	...	...	150	151
Total II, Running Expenses...	...	...	...	...	1,78,815	...	...	1,77,464	1,74,827
III.—Fuel—									
Actuals. Tons. / cwt. / lbs. — 1. Coal: 16,514 / 19 / 0									
2. Coke: ... / ... / ...									
3. Patent Fuel: 24 / 19 / 0									
4. Wood: 41,545 / 12 / 36									
Estimate. Tons. / cwt. / lbs. — 1. Coal: 16,596 / 1 / 80									
2. Coke: ... / ... / ...									
3. Patent Fuel: ... / ... / ...									
4. Wood: 41,640 / 8 / 19									
	...	...	...	...	4,32,460	...	...	*e* 4,37,420	*d* 4,40,662
Carried over ...	...	...	...	...	6,82,653	...	...	6,86,502	6,85,300

EXPLANATORY NOTE.

a. It is not proposed at present to fill up these appointments.

b. Two Drivers for full half-year as against one Driver for full half-year and another who acted for a Foreman from 26th April 1897 in the previous half-year.

c. To accord more with actuals of past and present half-years as well as re-arrangement of Staff not involving additional expenditure. Provision also made for anticipated increased mileage.

d. 1,519,722 engine miles @ 48·98 lbs. = tons 16,514, cwts. 19, lbs. 0, Coal @ Rs. 14 per ton = 2,31,209
Credited for cinders 461
2,30,748
@ 28·87 lbs. = tons 24 cwts. 19 lbs. 0 P. Fuel @ 21-0-2 per ton = 524
@ 122·05 lbs. = tons 41,545 cwts. 12 lbs. 36 Wood @ 2-4 per 1,000 lbs. = 2,09,390
Total ... 4,40,662

e. 1,523,220 engine miles @ 48·98 lbs. = tons 16,596, cwts. 1, lbs. 80, Coal @ Rs. 14-1 per ton = 2,33,382
@ 122·05 lbs. = tons 41,640, cwts. 8, lbs. 19, Wood @ Rs. 2-3 per 1,000 lbs. = 2,04,038
Total ... 4,37,420

Decrease as compared with corresponding half-year due to reduction in issue rate of firewood. Increase as compared with previous estimate due partly to anticipated increased consumption of coal and partly to increased mileage.

MADRAS RAILWAY.

ABSTRACT B.

Locomotive Expenses—(*concluded*).

Authorizations for the Half-year ending 31st December 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for Half-year 31st December 1896.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...		...	...	...	6,82,653	...	...	6,86,502	6,85,300
IV.—Water (including Wages and Stores) ...	...	...	...	...	17,500	...	...	17,500	16,172
V.—Oil, Tallow and other Stores expended on Engines ...	...	...	...	...	23,400	...	...	*a* 24,000	24,128
VI.—Maintenance and Renewals of Locomotive Engines—									
1. Wages	...	...	...	...	1,25,000	...	...	1,24,000	...
2. Overtime	...	...	...	...	4,000	...	...	5,000	...
3. Materials	...	...	...	...	1,28,200	...	...	1,28,500	...
	...	...	...	...	2,57,200	...	...	*b* 2,57,500	2,58,110
VI-A.—Maintenance and Renewals of Machinery, Tools and Plant—									
1. Wages	...	...	...	...	3,500	...	...	3,500	...
2. Overtime	...	...	...	...	2,500	...	...	2,500	...
3. Materials	...	...	...	...	1,000	...	...	2,000	...
	...	...	...	...	7,000	...	...	*c* 8,000	8,799
VII.—New Minor Works ...	...	...	...	...	1,500	...	...	1,500	...
VIII.—Payments to other Lines—									
Haulage of Trains	...	...	...	...	...	...	...	...	...
IX.—Unclassified Expenditure—									
1. Loss on Stores	...	...	...	...	3,000	...	...	3,000	...
2. Do. by Exchange ...	...	...	...	...	62,000	...	...	*d* 50,000	...
3 Carriage of Revenue Stores	...	...	...	...	30,000	...	...	30,000	...
Total IX ...	...	...	...	...	95,000	...	...	83,000	83,288
	...	...	...	...	10,84,253	...	...	10,78,002	10,75,797
Deduct cost of working the Kolar Gold Fields Railway	...	...	...	...	14,538	...	...	16,759	17,210
			...	...	10,69,715	...	...	10,61,243	10,58,587
„ „ „ Madras-Ennur Ry. ...	...	...	...	...	5,939	...	...	5,860	7,134
Total Abstract B, Locomotive Expenses	...	...	...	...	10,63,776	...	...	10,55,383	10,51,453

EXPLANATORY NOTE.

a. To accord closer with actuals.

b. Includes cost of two new engines Rs. 45,000, and three boilers, Rs. 21,000.

c. To accord closer with actuals.

d. Due to its being anticipated that the rate of exchange will be more favourable.

MADRAS RAILWAY.

ABSTRACT **C**—(*concluded*).

Carriage and Wagon Expenses—(*concluded*).

Authorizations for the Half-year ending 31st December 1897.

PARTICULARS.	Sanctions for the previous Half-year.		Estimate.		Actuals for the Half-year, 31st December 1896.	
	Amount.	Total.	Amount.	Total.	Amount.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I. General Superintendence as per page 28	...	21,321	...	21,392	...	19,690
II. Repairs and Renewals of Vehicles—						
COACHING VEHICLES—1.—Wages ...	38,500		38,000		39,394	
2.—Overtime ...	700		600		572	
3.—Materials ...	28,000		25,000		23,979	
	a 67,200		63,600		63,945	
GOODS VEHICLES— 1.—Wages ...	60,500		62,000		58,532	
2.—Overtime ...	1,300		1,200		1,008	
3.—Materials ...	1,11,900		1,15,000		1,03,500	
	1,73,700		b 1,78,200		1,63,040	
II A. Repairs and Renewals of Machinery, Tools and Plant—						
1.—Wages ...	2,400		3,000		2,888	
2.—Overtime ...	1,500		2,000		1,971	
3.—Materials ...	1,000		1,500		1,619	
	4,900		c 6,500		6,478	
Total II ...		2,45,800		2,48,300		2,33,463
III.—Cleaning Carriages and Wagons and Oiling—						
1. Labour, including wages of Carriage Examiners, Oilers and Cleaners...	20,000		20,000		20,068	
2 Stores, including oil, grease and other stores for consumption on running vehicles	12,000		12,000		11,632	
		32,000		32,000		31,700
IV.—New Minor Works	...	...	...	...	...	...
V.—Unclassified Expenditure—						
1. Loss on Stores	1,500		1,500		...	...
2.—Loss by Exchange	30,000		d 25,000		26,072	...
3.—Carriage of Revenue Stores ...	2,500		2,500		2,096	
		34,000		29,000		28,168
	...	3,33,121	...	3,30,692	...	3,13,021
Deduct sum chargeable to Fire Insurance Fund.	...	...	...	...	...	428
	...	3,33,121	...	3,30,692	...	3,12,593
Deduct cost of working the Kolar Gold Fields Railway	...	4,534	...	5,146	...	4,979
	...	3,28,587	...	3,25,546	...	3,07,614
Deduct cost of working the Madras-Ennur Ry.	...	1,824	...	1,798	...	2,076
Total Abstract C., Carriage and Wagon Expenses	...	3,26,763	...	3,23,748	...	3,05,538

EXPLANATORY NOTE.

a. Includes cost of two Carriage Trucks, Rs. 3,800.

b. Includes provision for renewal of 50 covered Goods Wagons, 10 Fuel Trucks and 2 Tool Vans at a total cost of Rs. 95,500.

c. To accord with actuals of corresponding half-year and known figures of current half-year.

d. Due to its being anticipated that the rate of exchange will be more favourable.

MADRAS RAILWAY.

Locomotive Department.

APPENDIX **A** TO ABSTRACTS **B** AND **C**.

Locomotive and Carriage and Wagon Expenses.

Authorizations for the Half-year ending 31st December 1897.

Mileage rate for Locomotive and Carriage and Wagon Expenses.

The actual train-mileage for the Half-year ended 31st December 1896 was 1,275,064, and it is estimated that the train-mileage for the Half-year ending 31st December 1897 will be 1,278,000. And the following represents the average rates per train-mile as compared with actuals :—

	Estimate.	Actuals.
	As.	As.
B II—Running Expenses	2·22	2·19
B III—Fuel	5·48	5·53
B IV—Water	0·22	0·20
B V—Oil, Tallow and other Stores	0·30	0·30
B VI—Maintenance and Renewals of Locomotive Engines ...	3·22	3·24
B VI-A—Maintenance and Renewals of Machinery, Tools and Plant	0·10	0·11
C II—Repairs and Renewals of Vehicles	3·03	2·85
C II-A—Repairs and Renewals of Machinery, Tools and Plant ...	0·08	0·08
C III—Cleaning Carriages and Wagons and Oiling	0·40	0·40
	15·05	14·90

	Rs.	Rs.
Estimated cost of running 1,278,000 train-miles	12,02,184	...
Actual cost of running 1,275,064 train-miles	...	11,87,861
Add—Charges for Superintendence, New Minor Works, Payments to other Lines, and Unclassified Expenditure... ...	2,06,510	2,00,957
	14,08,694	13,88,818
Deduct—Cost of working the Kolar Gold Fields Railway ...	21,905	22,189
	13,86,789	13,66,629
Cost of working the Madras-Ennur Railway	7,658	9,638
TOTAL (ABSTRACTS B AND C)—LOCOMOTIVE AND CARRIAGE AND WAGON EXPENSES	13,79,131	13,56,991

EXPLANATORY NOTE.

MADRAS RAILWAY.

APPENDIX **B** TO ABSTRACTS **B** AND **C**.

Locomotive Department.

Rates of Wages for different Trades current at the Perambur Works.

(Not for Audit Purposes.)

No.	DESIGNATION.	European and Eurasian.		Native.	
		1st Grade.	2nd Grade.	1st Grade.	2nd Grade.
		Rs. A.	Rs. A.	Rs. A.	Rs. A.
1	Chargeman (Erectors)	6 0	...	...	...
2	1st Matea	4 0	...	...	...
3	Fitters	3 8	2 0	0 12	...
4	Turners	3 0	1 12	0 12	...
5	Machineman	...	...	0 10	0 6
6	Coppersmiths	...	...	0 12	...
7	Smiths	...	...	0 12	0 8
8	Strikers	...	...	0 6	...
9	Platers	4 0	...	...	...
10	Boilersmiths	3 0	1 12	0 12	...
11	Rivetters	...	...	0 12	...
12	Angle-ironsmiths	...	...	1 0	...
13	Springsmiths	...	...	0 12	...
14	Carriage Lifters	2 0	1 8	...	...
15	Do. Fitters	1 0	...	0 10	...
16	Carpenter Maistry	...	...	1 8	...
17	Carpenters	...	...	0 12	0 8
18	Painters	...	...	0 12	0 8
19	Trimmers	...	...	0 8	...
20	Sawyers (Machinemen)	2 0	...	0 12	...
21	Saw-sharpeners	...	...	0 10	...
22	Moulders	2 0	...	0 12	0 8
23	Tinsmiths	...	...	0 10	...
24	Cobblers	...	...	0 8	...
25	File-cutters	...	...	...	...
26	Coolies	...	...	0 4	...

EXPLANATORY NOTE.

MADRAS RAILWAY.

ABSTRACT **D.**

Traffic Department—(*continued*).

Authorizations for the Half-year ending 31st December 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for the Half-year ending 31st December 1896.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	77,153	...	...	76,163	72,521
1st—Salaries, Wages, &c.—(*continued*).									
(*b.*) *Station Staff.*									
Station Masters	1st Class.	250	1	250	1,500	1	250	1,500	...
Do.	Do.	225	2	450	2,700	2	450	2,700	...
Do.	Do.	101—200	15	2,025	12,150	15	2,025	12,150	...
Do.	Unclassified.	100 & below.	301	8,186	49,116	305	8,250 *a*	49,500	...
Block Signalmen and Overtime Allowance	Do.	25—50	9	375	2,250	9	375	2,250	...
Allowance to Block Instructor...	...	...	...	10	60	...	*b* 10	60	...
Coaching Clerks	Unclassified	100 & below.	163	3,850	23,100	164	3,870	*c* 23,220	...
Goods Agent	Do.	400	1	400	2,400	1	400	2,400	...
Goods Clerk	Do.	101 to 200	1	135	810	1	135	810	...
Goods Clerks	Do.	100 & below.	163	4,462	26,772	163	4,462	26,772	...
Shunting Masters, &c.	Do.	10—60	93	2,391	14,346	93	2,391	14,346	...
Menials	Do.	...	1,866	13,178	79,068	1,875	13,251	*d* 79,506	
Gatemen	Do.	...	286	1,644	9,864	~~284~~ 285	1,633	*e* ~~9,798~~ 9831	...
Allowances	...	...	...	250	1,500	...	250	1,500	...
Loading and Unloading	...	...	...	500	3,000	...	500	3,000	...
			2,901	...	2,28,636	2,913	...	2,29,512	2,09,741
Deduct amount on account of expenses at Joint Stations ...	...	...	...	...	16,000	...	...	16,000	17,671
			2,901	...	2,12,636	2,913	...	2,13,512	1,92,070
Train Staff.									
Guards and Assistant Guards ...	...	100 & below.	189	8,665	51,990	189	8,665	51,990	...
Overtime	...	...	...	150	900	...	150	900	...
Travelling Ticket Collectors ...	...	...	4	153	918	4	153	918	...
Do. Allowances ...	...	...	...	25	150	...	25	150	...
			193	...	53,958	193	...	53,958	52,409
Carried over ...	...	...	...	...	3,43,747	...	...	3,43,633	3,17,000

EXPLANATORY NOTE.

	Amount Rs.	No.	
(*a*)	15	1	Station Clerk for Veyasarpandy.
	15	1	Do. Ingur.
	10		Increase to Mangapatnam converted from a trial to a 5th class station.
	25	1	Assistant Station Master for Mangapatnam on account of Block Station.
	25	1	Do. for Bisanattam when opened as a Block Station.
	90	4	
	26		Less saving Rs. 26 per mensem between Rs. 2,105 in half-year 30th June 1897 and Rs. 2,131 in half-year 31st December 1897, being one-third of the pay of Station Masters and Assistants chargeable to Telegraph.
	64	4	

(*b*) Special allowance for instruction of S. I. Ry. Signallers.

(*c*)	20	1	Assistant Booking Clerk for Washermenpet.
(*d*)	7	1	Pointsman for Washermenpet.
	7	1	Pointsman for Bisanattam.
	10		Increases to Pointsmen at Bowringpet from Rs. 7 to Rs. 8 on account of high cost of labour due to neighbourhood of Gold Fields.
	14	2	Peons for Bangalore City.
	6	1	Porter for Ingur.
	8	1	Pointsman for Balaghat.
	7	1	Porter for Champion Reefs.
	7	1	Porter for Marikuppam.
	7	1	Pointsman for Mangapatnam.
	73	9	

(*e*) ~~11~~ 2 Gatemen at Rs. 5-8-0 each withdrawn from ~~2~~ 1 ~~and 3/4 miles~~. 5/8

MADRAS RAILWAY.

ABSTRACT **D.**

Traffic Department—(*concluded*).

Authorizations for the Half-year ending 31*st December* 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year.			Estimate.			Actuals for the Half-year ending 31st December 1896.
			No.	Amount.	Total for the Half-year.	No.	Amount.	Total for the Half-year.	
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	3,43,747	...	...	3,48,633	3,17,000
2nd.—Fuel, Lighting, Water and General Stores—									
(1) Fire, Lights, Water and General Stores	...	...	...	6,666	40,000	...	6,666	40,000	...
(2) *Wagon Covers and Ropes—*									
Tarpaulin Repairers ...	...	12	30	270	1,620	30	270	1,620	...
Do. Materials ...	...	...	...	500	3,000	...	500	3,000	...
(3) Office and Station fittings and furniture	...	...	...	333	2,000	...	333	2,000	...
			30	...	46,620	30	...	46,620	46,427
3rd.—Clothing	...	...	...	1,000	6,000	...	1,083	*a* 6,500	5,757
4th.—Printing, Stationery and Tickets—									
Printing, Stationery, &c., for Traffic Department	...	...	...	...	35,500	...	...	35,500	...
Ticket Printing Office.									
Ticket Printers, &c.	...	100 & below	10	278	1,668	10	278	1,668	...
Tickets and Stationery	...	...	...	...	4,500	...	...	4,500	...
			10	...	41,668	10	...	41,668	34,780
5th.—Charges for delivery and collection of Goods.	...	...	...	250	1,500	...	250	1,500	1,209
6th.—Miscellaneous Expenses	...	...	...	...	...	...	...	...	...
Clock Winders	...	...	...	100	600	...	100	600	...
Repairs of Weighing Machines ...	...	15—25	5	100	600	5	100	600	...
Lamp Repairers ...	...	3—25	...	...	1,800	...	...	1,800	...
			5	60	360	5	60	360	...
7th.—Payments to other Lines—			10	...	3,360	10	...	3,360	1,739
Expenses at Joint Stations ...	...	...	...	1,166	7,000	...	1,166	7,000	*b* 10,818
8th.—Unclassified Expenditure—									
Loss on Stores	...	...	...	...	...	...	...	...	...
Carriage of Revenue Stores ...	...	...	...	250	1,500	...	250	1,500	...
Loss by Exchange	...	...	...	1,500	9,000	...	1,250	*c* 7,500	...
			...	...	10,500	...	...	9,000	8,160
Deduct sum chargeable to Fire Insurance Fund	...	...	...	...	4,60,395	...	...	4,59,281	4,25,890
			...	...	...	...	...	...	54
Deduct cost of working the Kolar Gold Fields Railway	...	...	...	...	4,60,395	...	...	4,59,281	4,25,836
			...	...	5,980	...	...	6,880	6,558
Deduct cost of working the Madras-Ennur Railway	...	...	...	...	4,54,415	...	...	4,52,401	4,19,278
			...	...	2,522	...	...	2,497	2,824
Total Abstract D., Traffic Expenses	...	...	...	...	4,51,893	...	...	4,49,904	4,16,454

EXPLANATORY NOTE.

a. Increased staff and higher cost of material.

b. Due to an adjustment of Guntakal Joint Station expenses.

c. At 50 per cent. of estimated expenditure on English stores.

MADRAS RAILWAY.

Statement of allowances to be paid to Officers and Servants of the Traffic Department provided for in the Establishment List for the Half-year ending 31*st Dec.* 1897.

No.	Designation.	Allowances. Rs.	A.	P.	Nature of Allowances.
	Traffic Manager	105	0	0	Fixed allowance in lieu of travelling expenses.
	Deputy Traffic Manager	60	0	0	Do. do. do.
	Asst. Traffic Managers in charge of a Division.	60	0	0	Do. do. do.
	Do. do. N.-W. Line allowances.	50	0	0	Do. do. do.
	Do. do. Presidency allowances.	50	0	0	Do. do. do.
	Do. do.	5	0	0	Per diem when employed out of Madras on duty other than acting for an officer on privilege leave subject to a limit of 10 days in any one month.
1	Pattakottacheru Station	4	0	0	Water allowance.
1	Nancherla do.	8	0	0	Do. do.
1	Aspari do.	8	0	0	Do. do.
1	Kasgi do.	8	0	0	Do. do.
1	Tungabhadra do.	8	0	0	Do. do.
1	Matmari do.	8	0	0	Do. do.
1	Kupgal do.	4	0	0	Do. do.
1	Molagavalli do.	2	0	0	Do. do.
1	Nagarur do.	2	0	0	Do. do.
1	Kalamalla do.	2	0	0	Do. do.
1	Station Master, Samalpatti...	5	0	0	Special allowance, Unhealthy Station.
1	Do. Mallapuram	5	0	0	Do. do.
1	Assistant Station Master, Mallapuram ...	5	0	0	Do. do.
1	Station Master, Kadiampatti	5	0	0	Do. do.
1	Do. Walayar	5	0	0	Do. do.
1	Assistant Station Master, Walayar	2	8	0	Do. do.
1	Station Master, Kanyikod	5	0	0	Do. do.
1	Assistant Station Master, Perambur ...	2	8	0	Do. do.
1	Do. Rayapuram ...	2	8	0	House Rent.
1	Station Master, Cauvery	1	8	0	Do.
1	Assistant Station Master Washermanpet ...	2	8	0	Do.
1	Travelling Ticket Inspector	10	0	0	House Rent. *Vide* Minute No. 2 of the Official Meeting held on 26th February 1897.
3	Do. do. Collectors at Rs. 5 each ...	15	0	0	Fixed allowance in lieu of travelling batta.
4	Pointsmen Inspectors	...	...	...	Do. do.
					10 per cent. of Salary allowance in lieu of batta. *Vide* Minute No. 8 of Official Meeting of 28th February 1896.
1	Marikuppam Station				
1	Champion do.	8	0	0	Water allowance for Station Masters and Staff. On K. G. F. Railway.
1	Urigaum do.	8	0	0	
1	Balaghat do.	8	0	0	
		8	0	0	

All Guards working on the North-West Line between Arkonam and Raichur (1st and 2nd Divisions) are allowed 10 per cent. on their salaries.

Signallers in charge of Cuddapah, Gooty and Raichur offices are allowed Rs. 10 each over and above their salaries and the 2nd Grade Signallers placed at the above stations as well as the Signallers at Adoni are allowed at Rs. 5 each. Junior Signallers at Cuddapah, Gooty, Raichur and Guntakal Junctions are allowed 10 per cent. on their salaries.

Overtime.—Guards allowed two-third day's pay or one third-day's pay according to the number of hours they are required to work after their ordinary daily work is ended.

Traffic Manager's Office.—Staff Section Clerks' overtime. Staff Section Clerks are allowed two extra days' pay monthly when engaged on Sundays in preparing the Pay Sheets, provided that the total amount does not exceed Rs. 15.

EXPLANATORY NOTE.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges.

Authorizations for the Half-year ending 31st December 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1896.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
1st—Home Expenditure—									
(1). Directors and Secretary or Managing Director	...	...	...	...	30,000	...	...	30,000	...
(2). Auditors and Accountants...									
(3). Consulting Engineer and Inspecting Officers' Fees and Travelling Allowances ...	...	...	...	...	9,000	...	...	9,000	...
(4). Office Expenses	...	...	...	...	...	...	...	...	...
Total I—(1) to (4) ...	...	...	...	...	39,000	...	...	39,000	36,737
2nd—Salaries of Indian Management including Offices—									
(1). *Agent and Manager's Department—*									
Agent and Manager ...	...	2,500	1	1,250	7,500	1	1,250	a 11,375	...
Acting do. ...	...	...	...	2,075	12,450	...	2,075	b 6,018	...
Assistant do. ...	...	500—800	1	700	4,200	1	700	c 4,297	...
Exchange Compensation Allowance ...	...	...	...	...	1,878	...	...	d 1,539	...
			2	...	26,028	2	...	23,229	25,276
Chief Clerk ...	...	250—300	1	275	1,650	1	275	1,650	...
Clerks ...	...	100 & below	17	665	3,990	e 18	665	3,990	...
Menials * ...	...	...	12	94	564	12	94	564	...
			30	...	6,204	31	...	6,204	5,985
Travelling Allowances ...	...	...	...	117	700	...	117	700	633
Total II—(1) ...	...	...	...	...	32,932	...	...	30,133	31,894
(2, 3 & 4). *Chief Auditor's Department—*									
Superintendence—									
Chief Auditor ...	...	1,000—1,200	1	1,200	7,200	1	1,200	f 7,200	...
1st Assistant Auditor ...	...	700	1	700	4,200	1	350	g 2,416	...
Exchange Compensation Allowance ...	...	...	...	...	1,762	...	...	h 1,256	...
			2	...	13,162	2	...	10,872	12,907
Carried over ...	...	...	...	...	71,932	...	...	69,133	68,631

EXPLANATORY NOTE.

a. Mr. L. S. Moss, Rs. 1,250, on furlough from 28th March 1896.

Mr. Moss' furlough pay up to 27th September 1897 at £500 per half-year, at 1s. 2¼d. per rupee, the rate at which exchange compensation allowance is calculated = Rs. 3,932.

Half salary up to 27th September 1897 ...	...	...	Rs. 3,625
Exchange compensation allowance ...	...	...	,, 307
			3,932
Full salary from 28th September 1897 to the end of the half-year ...	...	...	Rs. 7,750
Exchange compensation allowance ...	...	...	,, 759
			8,509
			12,441

b. Mr. H. C. West draws acting salary $\left(\frac{\text{Rs. } 2{,}500+1{,}650}{2}\right)$ = Rs. 2,075 up to 27th September 1897.

c. Mr. A. Edwards, Rs. 700, from 1st July to 2nd November 1897, and Rs. 750, from 3rd November 1897. *Vide* M. G. O., No. 843 R., dated 9th December 1895.

d. Calculated at Exchange of 1s. 2¾d per rupee.

e. Increase in number only not in amount.

* 1 Binder, 8 Peons, 1 Office servant, 1 Staff Bungalow Peon, and 1 Church Watchman.

f. Mr. F. Dunsterville, Rs. 1,200.

g. Mr. T. Wake on furlough, Rs. 350, up to 3rd December 1897, and full salary to the end of the half-year.

h. Calculated at Exchange of 1s. 2¾d. per rupee.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1896.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	71,932	...	...	69,133	68,631
2nd.—Salaries of Indian Management including Offices—(*continued*).									
(2, 3 & 4) *Chief Auditor's Department* (continued)	...	...	...	...	13,162	...	...	10,872	12,907
General and Traffic Audit—									
2nd Assistant Auditor ...	...	550	1	550	3,300	1	550	*a* 3,300	...
Acting Allowance	...	...	...	...	...	...	75	*b* 382	...
3rd Assistant Auditor ...	...	400	1	400	2,400	1	400	*c* 2,400	...
Acting Allowance	...	...	...	...	...	...	75	*b* 382	...
4th Assistant Auditor ...	...	350—400	1	400	2,400	1	350	*d* 2,100	...
Acting Allowance	...	...	...	...	...	...	25	*b* 128	...
Exchange Compensation Allowance	...	...	...	...	881	...	...	*e* 651	...
Accountant	...	250	3	...	8,981	3	...	9,343	8,736
Travelling Auditors	...	101 to 200	1	250	1,500	1	250	1,500	1,500
Do. do.	...	100 & below	5	750	4,500	5	*f* 800	4,800	...
			1	100	600	1	100	600	...
Head Clerk	...	101—200	6	...	5,100	6	...	5,400	4,771
Clerks	...	100 & below	1	200	1,200	2	*g* 350	2,100	...
			211	5,045	30,270	210	4,895	29,370	...
			212	...	31,470	212	...	31,470	28,986
Menials *	...	...	17	129	774	17	129	774	758
Store Audit—									
Store Auditor	...	150—200	1	200	1,200	1	200	1,200	...
Stock-takers	...	100 & below	9	300	1,800	9	300	1,800	...
Menial	...	...	1	7	42	1	7	42	...
			11	...	3,042	11	...	3,042	2,727
Allowances, &c.—									
Travelling	...	...	...	338	2,030	...	338	2,030	*h* 2,372
Carried over ...	...	...	...	...	66,059	...	...	64,431	62,757
	...	...	...	...	71,932	...	...	69,133	68,631

EXPLANATORY NOTE.

a. Mr. A. Corben, Rs. 550.
b. Acting allowance up to 3rd December 1897. *Vide* M.O.M., 26th Frbruary 1897.
c. Mr. J. Mitchell, Rs. 400.

d. Mr. A. H. Francis, Rs. 350.

e. Calculated at Exchange of 1*s.* 2¾*d.* per rupee.

f. Provision has been made for increases to Travelling Auditors for additional work.

g. Re-arrangement of Staff. No additional expense incurred.

* 1 Moochee, 1 Binder and 15 Peons.

h. Includes Rs. 518, passage money of Mr. A. H. Francis.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1896.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward...	...	...	...	...	71,932	...	...	69,133	68,631
	...	...	...	...	66,059	...	...	64,431	62,757
2nd.—Salaries of Indian Management including Offices—(*continued*).									
(2, 3 & 4.) *Chief Auditor's Department*—(concluded).									
(4.) *Cash and Pay Office*—									
Cashier	...	250—300	1	300	1,800	1	300	1,800	
Assistant to Cashier	...	100—175	1	175	1,050	1	175	1,050	
			2	...	2,850	2	...	2,850	2,850
Pay Clerks	...	50 & below	11	550	3,300	11	550	3,300	3,241
Clerks	...	100 & below	7	285	1,710	7	285	1,710	*a* 1,889
Shroffs	...	25 & below	5	110	660	5	110	660	
Cash Peons	...	...	23	175	1,050	23	175	1,050	
Guard Peons	...	...	15	107	642	15	107	642	
			43	...	2,352	43	...	2,352	*b* 2,375
Allowances, &c.—									
Travelling Allowances ...	...	...	...	...	650	...	...	650	566
Contingencies	...	...	...	...	450	...	...	450	534
Total II—(2) to (4) ...	...	...	...	...	77,371	...	...	75,743	74,212
Carried over ...	...	...	...	...	1,49,303	...	...	1,44,876	1,42,843

EXPLANATORY NOTE.

a. Includes Rs. 360, gratuity paid to a Clerk.

b. Includes Rs. 48, gratuity paid to a Cash Peon.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1896.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	1,49,303	...	...	1,44,876	1,42,843
2nd.—Salaries of Indian Management including Offices—(*continued*).									
† (5.) *General Store Department*—									
General Storekeeper ...	...	400—600	1	500	3,000	1	400	*a* 361	...
Acting do. ...	...	...	...	...	...	...	375	*b* 1,911	...
Exchange Compensation Allowance	...	...	...	...	464	...	...	*c* 211	...
Warders	...	101—200	2	325	1,950	2	325	1,950	...
Do.	...	15—70	4	145	870	4	145	870	...
Clerk	...	101—200	1	125	750	1	125	750	...
Clerks	...	100 & below.	18	474	2,844	18	474	2,844	...
Travelling Clerk	...	90	1	90	540	1	90	540	...
Weigh Bridge Clerk ...	...	...	1	20	120	1	20	120	...
Time-keeper	...	...	1	20	120	1	20	120	...
Carpenters	...	...	2	44	264	2	44	264	...
Menials *	...	...	24	199	1,194	24	199	1,194	...
			55	...	12,116	55	...	11,135	11,010
Travelling Allowance ...	...	...	...	...	180	...	...	180	146
Total II—(5) ...	...	...	...	...	12,296	...	...	11,315	11,156
(6.) *Medical Department*—									
Medical Officer	...	450—650	1	550	3,300	1	550	*d* 3,300	...
Exchange Compensation Allowance	...	...	...	...	510	...	...	*e* 364	...
			1	...	3,810	1	...	3,664	3,696
Apothecaries	...	101—200	7	900	5,400	7	900	5,400	...
Do.	...	100 & below	12	917	5,500	12	917	5,500	...
			19	...	10,900	19	...	10,900	9,433
Carried over ...	...	...	...	...	14,710	...	...	14,564	13,129
	...	...	...	...	1,61,599	...	...	1,56,191	1,53,999

EXPLANATORY NOTE.

† Expenditure on account of daily labour is distributed to using departments, and is not included in this estimate.

a. Mr. J. Mitchell appointed General Storekeeper. *Vide* Board's letter, No. 950, dated 26th February 1897.

b. Mr. R. G. Bamford, Acting General Store keeper, salary $\left(\text{Rs. } \frac{400 + 350}{2}\right)$ = Rs. 375, from 1st July to 3rd December 1897.

c. Calculated at Exchange of 1*s*. 2¼*d*. per rupee.

* 1 Moochee.
3 Travelling Peons.
6 Ward Peons.
2 Office do.
2 Guard do.
5 Book-binders.
1 Cooper.
1 Cooly Maistry.
1 Chuckler.
1 Marker.
1 Chickledar.

d. Mr. J. Currie, Rs. 550.

e. Calculated at Exchange of 1*s*. 2¼*d*. per rupee.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31*st December* 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1896.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward...	...	...	...	...	1,61,599	...	...	1,56,191	1,53,999
	...	...	...	...	14,710	...	...	14,564	13,129
2nd. Salaries of Indian Management including Offices—(*continued*).									
(6.) *Medical Department*—(concluded).									
Medical Storekeeper ...	...	...	1	50	300	1	50	300	300
Clerks	...	17½—22½	2	40	240	2	40	240	239
Menials *	...	...	18	139	836	18	139	836	815
			21	...	1,376	21	...	1,376	1,354
Contingencies.									
Allowance for Rent	...	...	...	...	180	...	...	*a* 180	180
Carriage hire for Medical Officer	...	...	...	...	300	...	...	300	147
			...	...	480	...	...	480	327
Travelling Allowance ...	...	...	...	...	400	...	...	400	340
Total II—(6) ...	...	...	...	...	16,966	...	...	16,820	15,150
(7.) *Rents of Buildings and Lands* ...	...	...	...	...	1,000	...	...	1,000	...
(8.) *Furniture, Fittings and other Miscellaneous Expenses, Punkah and Totty Coolies and Bhisties*—									
Agent and Manager's Office ...	...	...	...	...	120	...	...	120	122
Audit Office	...	...	...	...	381	...	...	381	345
General Stores' Office ...	...	...	...	...	36	...	...	36	36
Medical Department ...	...	...	...	...	...	...	...	...	...
Furniture, Fittings, &c. ...	...	...	...	...	3,050	...	...	3,050	3,009
Total II—(8) ...	...	...	...	...	3,587	...	...	3,587	3,512
(9.) *Printing and Stationery* ...	...	...	...	...	4,730	...	...	4,730	4,551
(10.) *Medicine and Contribution to Hospital*	...	...	...	...	2,000	...	...	2,000	336
Total II ...	...	...	...	...	1,50,882	...	...	1,45,328	1,40,811
Carried over ...	...	...	...	...	1,89,882	...	...	1,84,328	1,77,548

EXPLANATORY NOTE.

* 17 Peons and 1 Lascar.

a Allowance to Senior Apothecary.

MADRAS RAILWAY.

ABSTRACT **E**.

General Charges—(*continued*).

Authorizations for the Half-year ending 31st December 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1896.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward...	...	...	...	...	1,89,882	...	...	1,84,328	1,77,548
3rd—Police—									
(1.) *Supervision*—									
Chief Inspector	...	200 to 250	1	250	1,500	1	250	1,500	...
Inspectors	...	100 & below	6	455	2,730	6	455	2,730	...
Sub-Inspectors	...	...	4	120	720	4	120	720	...
Clerk	...	...	1	20	240	1	20	240	...
Allowance to Head Clerk, Traffic Staff Section, for Police Department	...	...	...	20		...	20		
Record-keeper	...	...	1	12½	75	1	a 15	90	...
Detectives	...	...	6	150	900	6	150	900	...
Checkers	...	...	10	120	720	10	120	720	...
Total III—(1) ...	...	...	29	...	6,885	29	...	6,900	6,243
(2.) *Constables*—									
Head Watchmen	...	...	12	267	1,602	12	267	1,602	...
Menials	...	...	228	1,402	8,412	228	1,402	8,412	...
Payments to Nizam's & Mysore Governments	...	...	...	...	1,408	...	...	b 1,500	...
Total III—(2) ...	...	...	240	...	11,422	240	...	11,514	10,808
(3.) *Contingencies*	...	...	...	...	3,700	...	...	3,700	2,729
Total III...	...	...	...	...	22,007	...	...	22,114	19,780
Carried over ...	...	...	...	...	2,11,889	...	...	2,06,442	1,97,328

EXPLANATORY NOTE.

a. Periodical increase of Rs. 2-8-0.

b. Includes proportion of Police of K. G. F. Ry.—*Vide* G. I., No. 2106 G., dated 21st August 1896.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*continued*).

Authorizations for the Half-year ending 31*st December* 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1896.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward...	...	...	...	...	2,11,889	...	...	2,06,442	1,97,328
4th.—Advertising (all advertisements of all Departments) ...	...	...	...	...	3,000	...	...	3,000	2,947
5th.—Electric Telegraph—									
(1) *Salaries of Superintendents and Assistants—*									
Telegraph Engineer ...	...	864	1	864	5,182	1	432	*a* 3,210	...
Acting do. ...	...	...	...	...	..	1	682	*b* 3,114	...
Assistant do. ...	...	350—500	1	400	2,400	...	500	*c* 716	...
Exchange Compensation Allowance	...	...	...	...	371	...	...	*d* 422	...
Inspector	1st class.	200—250	1	250	1,500	1	250	1,500	...
Do. allowance ...	...	...	...	...	...	...	50	*e* 228	...
Inspectors	2nd and 3rd classes.	101 to 200	2	220	1,320	2	220	1,320	...
Total V—(1) ...	...	...	5	...	10,773	5	...	10,510	10,378
(2) *Signallers*	...	100 & below.	113	6,281	37,686	113	6,307	37,842	*f* 35,491
(3) *Travelling Expenses* ...	...	...	...	...	1,380	...	...	1,380	1,080
(4) *Office Expenses, Contingencies, &c.—*									
Head Writer	...	100 & below.	4	180	1,080	4	180	1,080	...
Writers									
Storekeepers	...	25—50	2	75	450	2	75	450	...
Peons	...	...	4	28	168	4	28	168	...
Travelling Expenses ...	...	...	...	10	60	...	10	60	...
Total V—(4) ...	...	...	10	...	1,758	10	...	1,758	1,310
(5) *Maintenance, Wages and Stores—*									
Inspectors	...	100 & below.	8	480	2,880	8	480	2,880	...
Linemen	...	...	30	210	1,260	30	210	1,260	...
Trainmen	...	...	22	154	924	22	154	924	...
Intercommunication Maistries	...	...	5	95	570	5	95	570	...
Wages and Materials ...	...	...	...	...	18,250	...	...	*g* 18,970	...
Clothing	...	...	...	...	260	...	...	260	...
Total V—(5) ...	...	...	...	...	24,144	...	...	24,864	21,508
Carried over ...	...	...	...	...	75,741	...	...	76,354	69,767
	...	...	...	...	2,14,889	...	...	2,09,442	2,00,275

EXPLANATORY NOTE.

a. Mr. G. K. Winter, on furlough, Rs. 432 up to 17th November 1897, and Rs. 864 to the end of the half-year.

b. „ F. E. Pigott draws acting salary $\left(\text{Rs.}\ \frac{863\text{-}10\text{-}2+500}{2}\right)$ = Rs. 681-13-1 up to 17th November 1897.
Salary increased from 1st July 1897—*Vide* G. O., No. 835 R., dated 7th December 1895.

c. Mr. F. E. Pigott's salary, Rs. 500, from 18th November 1897.

d. Calculated at Exchange of 1s. 2¼*d.* per rupee.

e. Allowance provided for extra work during Mr. G. K. Winter's furlough. *Vide* M. O. M., 30th April 1897.

f. Includes Rs. 2,131 per mensem, being ⅓rd of the amount of Station Masters' salaries of small stations where no Signaller is kept as against Rs. 2,105 in previous half-year.

g Increase due to issue of stores expected from England.

MADRAS RAILWAY.

ABSTRACT **E.**

General Charges—(*concluded*).

Authorizations for the Half-year ending 31*st December* 1897.

PARTICULARS.	Class or Grade.	Monthly Salary.	Sanctions for the previous Half-year. No.	Sanctions for the previous Half-year. Amount.	Sanctions for the previous Half-year. Total for the Half-year.	Estimate. No.	Estimate. Amount.	Estimate. Total for the Half-year.	Actuals for Half-year, 31st December 1896.
		Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	...	...	...	...	2,14,889	..	...	2,09,442	2,00 275
	...	...	...	...	75,741	...	...	76,354	69,767
5th—Electric Telegraph— *(concluded).*									
(6.) *Government Telegraph Department for Rents, &c.* ...	...	...	...	...	1,040	...	...	1,040	1,010
Total V ...	...	...	...	...	76,781	...	...	77,394	70,777
6th—Clearing Accounts with other Lines ...	...	...	...	...	...	...	...	...	...
7th—Unclassified Expenditure—									
(1.) *Loss on Stores*	...	...	...	...	...	...	...	...	...
(2.) *Expenses connected with Fire Engines*	...	...	...	...	2,100	...	...	2,000	3,476
(3.) *Loss by Exchange*... ...	...	...	...	...	25,000	...	...	25,000	21,027
(4.) *Carriage of Revenue Stores*...	...	...	...	...	1,000	...	...	1,000	1,281
Total VII ...	...	...	...	...	28,100	...	...	28,000	25,784
Total ...	...	...	...	...	3,19,770	...	...	3,14,836	2,96,836
Deduct sum chargeable to Fire Insurance Fund	...	...	...	...	2,100	...	...	2,000	3,476
	...	...	...	...	3,17,670	...	...	3,12,836	2,93,360
Deduct cost of working the Kolar Gold Fields Railway ...	...	...	...	...	4,153	...	...	4,686	4,570
			...	...	3,13,517	...	...	3,08,150	2,88,790
Deduct cost of working the Madras-Ennur Railway ...	...	...	...	...	1,752	..	...	1,701	1,969
Total Abstract E, General Charges	...	...	...	...	3,11,765	...	...	3,06,449	2,86,821

EXPLANATORY NOTE.

Regulations for furlough, Sick leave and privilege leave to be from pages 68 to 72 will be printed in the final Copies.

(No. II.)

5,000—14-11-85.

No. 9951
489

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

MADRAS, 22nd May 1897.

From

The Agent and Manager.
M. R. Co.

To

The Consulting Engineer for Railways.
Madras.

SIR,

I have the honor to forward herewith 2 proof copies of the Establishment Estimates for the ensuing half year which will be brought forward for discussion at the next official meeting. R.

I have the honor to be,
Sir,
Your most obedient Servant

A. Edmund
Jnr. Asst. Agent & Manager

Enc/2.

G. No. 2308
Recd. 25/5/97

MADRAS RAILWAY.

From The Agent and Manager.

To The Consulting Engineer for Railways.

Dated 188

Recd. No.

Form No. 21.
500—7-1-97.

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, 25th May 1897.

EXAMINER,
Regr. No. 312
26 MAY 1897
Enclosures
RAILWAY ACCOUNTS, MADRAS

No. 1758.

OFFICE NOTE.

Letter from the Agent, S.M. Railway, No. 2751/489 dated 22nd May 1897, forwarded to the Examiner of Railway Accounts for remarks.

for E. R.

EXAMINER'S REPLY.

Please see note attached.

6R

25/5

Establishment Rolls, Madras Railway
for 31st December 1897.

Page 12. - Inspectors assistants. - In Column Previous Sanction, the No. '24' should be split up into 14 and 10 and salaries of Rs 40 and 30 should be shewn against them; and the no 21 in the Column Item; and the no 21 in the Column estimate should be split up into 17 and 4.

Pages 19 and 45. Remarks g and c. Loss by exchange has been calculated at different rates viz 49·15 per cent in the 1st case and 50 per cent in the others. A uniform rate should be adopted.

Page 23. An appendix A, giving details of maintenance estimates should be furnished for the Ennur Railway.

Pages 54 and 55. Provision is made for Mr Bamford, in Abstracts B + C page 28 as a chief draughtsman for the full half year, and as Ag: General Storekeeper from 1st July to 3rd December 1897. Provision for 28 days only at Rs 350 should be made for the chief draughtsman in Abstracts B + C unless it is the intention of the Company to fill up the

the Vacancy caused by Mr Bamford's transfer.

Page 60. (2) Signallers. "f" in the "actual" Column against 35,491 should be removed to estimate Column.

E.W.Alley

C.E.R.

[illegible]

Form No. 21.
500—7-1-97.

For No. 4.

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, 27th May 1897.

To

AGENT AND MANAGER, M. R.

No. 1784 Reply No. , dated

SIR,

With reference to y
letter No. 9751/489 of 22nd inst
I have the honour to f
inst herewith copy of
note by the Examine
Railway Accounts &
on the Establishment
and working Estima
for R for the half y
ending 31st Dec 97 for
favour of remarks & return.

Reminders.

Despatched on 27/5/97

[illegible]

The estimate for 97 stands
Rs 330 as per page 11

P.W. 25.
[5,000—30-11-96.]

51/55

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

Madras, 10th June 1897

From

To

The Agt: Agent and Manager.
M.R.C

SIR,

The Offg: Consulting Engineer for Railways.
Madras.

I have the honour to forward herewith for your signature and return a revised copy of the Establishment Rolls & Working Estimates for the half year ending 31st December 1897. The regi[illegible]ber o[illegible]

FORM No. 21.
500—7-1-97.

EXAMINER, Regr. No. 355 11 JUN 1897 Enclosures RAILWAY ACCOUNTS, MADRAS

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, 11th June 1897.

No. 1942.

OFFICE NOTE.

Letter from the Agent/Manager Madras Railway, No. 9751/555 dated 10th June 1897, forwarded to the Examiner of Railway Accounts for remarks.

11/6

for E. R.

EXAMINER'S REPLY.

Page 66. Abst G. The estimate for Railway Schools should be Rs 7060 and not 7,30[illegible] as per details on page 68. Necessary Corrections have been made in pe[illegible] ink.

Pages 1 and 3. The estimates for Abstract A o[illegible] the Madras Ry + Kolar Gold Fields R[illegible] should be Rs 831,191 and 15,377 resp[illegible] as per page 18 of the Rolls.

Page 5. The estimate for Abstract G shou[illegible] Rs 330 as per page 66

11.6.97

[P.W. 26. 5,000—30-11-96.]

Indexed. 15/6/97

Pages 1, 3, 5, 7, 8, 9 and 36 - Vide corrections made in red ink consequent on the above alterations -

Erwallis

C.R

4/1/