Public Works (~~191~~ 1899) Department.

G.O. No. 889-90 B

DATED 10-8 ~~190~~ ~~191~~ 1899.

Inwards

No. 220 Km 3/17-7-99.

[Despatch Abstract.]

P. W. 2.(a).
2,000—2-10-12.

Indexed.

BACK PAPERS.

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

FURTHER PAPERS.

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

Private and Confidential—for the use of Heads of Departments only.

MADRAS RAILWAY.

MINUTES OF OFFICIAL MEETING

AND

STORES COMMITTEE,

NO. 4 OF 1899,

HELD AT THE

AGENT AND MANAGER'S OFFICE, RAYAPURAM TERMINUS,

On Tuesday, the 30th May 1899,

PRESENT.

Agent and Manager.
Asst. to do.
Chief Engineer.
Traffic Manager.
Loco. Superintendent.
Chief Auditor.

Consulting Engineer for Railways.

Examiner of Railway Accounts.

PROOF.

Rio copy

MINUTES OF OFFICIAL MEETING, HELD ON THE 18th APRIL 1899, CONFIRMED.

No. 17. The Minutes of the Official Meeting and Stores Committee, held on the 18th April 1899, for the authorization of expenditure, &c., were approved by the Consulting Engineer and confirmed.

GENERAL SANCTIONS.

No. 18. The following sanctions are recorded:—

(A) CAPITAL.

Serial No.	Authority. No. of Letter.	Authority. Date.	Authority. Register No.	Authority. Company.	Particulars.	Amount of Estimate.	Allotment out of current year's grant. Cash.	Allotment out of current year's grant. Stores.	Date on which sanction lapses.	Remarks.
						Rs.	Rs.	Rs.		
21	C. E., No. 1243.	18-4-99.	...	Agent and Manager.	Level crossing gates in lieu of the existing ones at ½, ½ and ¾ miles, S. W. Line.	3,773	1,412	2,361	31-12-99.	The total estimate is for Rs. 4,096, Rs. 323 being chargeable to Revenue.
22	C. E., No. 1320.	24-4-99.	...	Do.	Signalling arrangements at Guntakal.	2,405	588	1,817	31-12-99.	

(B) REVENUE.

Serial No.	Authority. Government.	Authority. Company.	Particulars.	Amount of Estimate.	Chargeable to	Remarks.
				Rs.		
22	C. E., No. 1243 of 18-4-99.	Agent and Manager.	Revenue portion of the estimate, amounting to Rs. 4,096, for Level crossing gates in lieu of the existing ones at ½, ½, and ¾ miles, S. W. Line.	323	Abstract A.	
23	C. E., No. 1447 of 6-5-99.	Do.	Temporary house allowance to the Station Master, Palghat, from the 19th February 1899 until the Company's quarters are rendered fit for re-occupation.	10 per mensem.	Abstract D	
24	Consulting Engineer.	Do.	Silver medal presented to Miss Jane Pullen of the Perambur School for having headed the list of pupils from the Railway Schools who passed the Lower Secondary Examination.	18	Abstract G.	

(C) REVENUE—NEW MINOR WORKS.

Against provision of Rs. 12,735 in the Establishment Lists for the Half-year ending 30th June 1899.

Serial No.	Authority. Government.	Authority. Company.	Particulars.	Amount of Estimate. Rs. A. P.	Chargeable to	Date on which sanction lapses.	Remarks.
17	Consulting Engineer.	Agent and Manager.	Shelter for Pointsmen at Jalarpet.	609 0 0	Abstract A—VI.	31-12-99	
18	Do.	Do.	New latrine for Engineering and Telegraph Workshops at Arkonam.	301 0 0	Do.	Do.	
19	Do.	Do.	Flagging the porticos on both sides of the station building west end from the Station Master's office to the end of the building at Jalarpet.	503 0 0	Do.	Do.	
20	Do.	Do.	Three houses for subordinate staff, Traffic Department, at Kadiampatti.	962 0 0	Do.	Do.	
21	C. E., No. 1204, of 15-4-99.	Do.	Extension of Refreshment Room for Native passengers at Arkonam.	*1,186 0 0	Do.	30-9-99	
				3,561 0 0			
			Amount brought forward ...	10,044 0 0			
			Total ...	13,605 0 0			

Any excess outlay over the provision in the Rolls will be charged to Capital.

* In supersession of the sanction recorded in Minute No. 33 of 29th July 1898.

SURVEY FROM TIRUPATUR TO KRISHNAGIRI.

No. 19. Read G. O., No. 469, Ry., dated 25th April 1899, communicating the sanction of the Government of India (No. 630, R. C., dated 13th April 1899) to the estimate amounting to Rs. 11,362 of the cost of a survey for a two feet gauge line from Tirupatur or Patchur to Krishnagiri, a distance of 25 miles. Read also G. O., No. 498 Ry., dated 28th April 1899, conveying the sanction of the Government of India (No. 75 A. R., dated 19th April 1899) to the grant of Rs. 5,000 under the head "41. Miscellaneous Railway Expenditure" to meet outlay to be incurred on the survey during the current official year.

Recorded.

NEW WORKS AND ALTERATIONS COSTING LESS THAN Rs. 500 EACH.

No. 20. With reference to Minute No. 47 of the Official Meeting and Stores Committee, held on the 27th March 1890, read letter from the Consulting Engineer, No. 32/O, dated the 15th May 1899, approving of the proposal that new works or additions to existing works costing less than Rs. 500 each may be sanctioned by the Agent and Manager on the understanding that all works so sanctioned shall be duly recorded in the Minutes of the Official Meetings.

Recorded.

ESTABLISHMENT LISTS FOR THE HALF-YEAR ENDING 31st DECEMBER 1899.

No. 21. The lists of the Establishments proposed for the undermentioned Departments during the half-year ending 31st December 1899 were submitted and considered, namely :—

- Agent and Manager's.
- Chief Auditor's.
- General Stores.
- Medical.
- Telegraph.
- Engineering.
- Locomotive.
- Traffic.
- Railway School Establishment.
- Police.
- Miscellaneous.

These lists, which were accepted as submitted in Committee, will be forwarded to the Consulting Engineer for the sanction of Government. The details of Maintenance charges, Engineering Department, and Station Staff, Traffic Department, are given in the Appendix.

No. 22. Resolved that the following Schedules, A to L, be approved and recorded :—

SCHEDULE A.

Statement of Compensation Claims paid during March and April 1899.

Serial No.	Name of Claimant.	Amount claimed.	Amount settled.	Recoveries.	Chargeable to Fire Insurance Fund.	Total Charge against Madras Railway.	Remarks.
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
3	Minor claims settled by the Traffic Manager during March 1899.	81 10 10	*68 4 9	42 9 1	...	3 9 8	* Rs. 22-2-0 to be debited to Guntakal Joint Station Account.
4	Do. April 1899.	490 12 7	*279 14 4	39 2 7	...	80 14 9	* Rs. 159-13-0 to be debited to Guntakal Joint Station Account.
	Total for month ...	...	...	...	...	84 8 5	
	Amount brought forward.	...	...	...	...	228 11 6	
	Total for half-year to date	...	...	...	...	313 3 11	

SCHEDULE B.

Gratuities and Special Leave to Injured Employes.

Serial No.	Name.	Department.	Salary or Wages.	Length of Service.	Amount of Credit Balance in Provident Institution.	Amount of Gratuity sanctioned.	Period of Special Leave sanctioned.	Remarks.
			Rs. A. P.	Y. M.	Rs. A. P.	Rs. A. P.	M. Ds.	
39	Ammoor Vythia Moonisawmy.	Engineering: Cooly.	4 14 0 per mensem.	0 3½	...	30 0 0	...	Six months' pay sanctioned under clause 1 of the Schedule attached to Government of India Circular No. V., Ry., dated 21st August 1896. Crippled for life. Injury inflicted while in the execution of his duty.
40	Govinthan... ...	Do.; Gang Maistry.	9 0 0 Do.	29 10	...	54 0 0	...	Six months' pay sanctioned under clause 2 of the Schedule attached to Government of India Circular No. V., Ry., dated 21st August 1896.
41	Gengadoo... ...	Do.; Line Watchman.	6 8 0 Do.	32 0	...	39 0 0	...	Do. do.
42	Gnanammal, wife and guardian of 4 minor children of late Gengan.	Do.; Gang Cooly.	5 0 0 Do.	33 9	...	30 0 0	...	Six months' pay sanctioned under clause 3 of the Schedule attached to Government of India Circular No. VI., Ry., dated 18th July 1895.
43	Widow of late T. Cooppen.	Locomotive; Shed Watchman.	7 8 0 Do.	22 3	...	45 0 0	...	Do. do.
	Carried over ...	...	...	...	...	198 0 0	...	

SCHEDULE B.—*contd.*

Gratuities and Special Leave to Injured Employes.

Serial No.	Name.	Department.	Salary or Wages.	Length of Service.	Amount of Credit Balance in Provident Institution.	Amount of Gratuity sanctioned.	Period of Special Leave sanctioned.	Remarks.
			Rs. A. P.	Y. M.	Rs. A. P.	Rs. A. P.	M. D.	
	Brought forward...	...	...	...	...	198 0 0	...	
44	Shaik Ismail ...	Traffic; Pointsmen Maistry.	10 0 0 per mensem.	21 3	...	60 0 0	...	Six months' pay sanctioned in C. E. No. 1350 dated 26th April 1899.
45	T. Moran ...	Do.; Porter.	7 8 0 Do.	20 1	...	45 0 0	...	Six months' pay sanctioned under clause 2 of the schedule attached to Government of India Circular No. V., Ry., dated 21st August 1896.
46	Shaik Jamal ...	Audit; Guard Peon.	7 0 0 Do	20 0	...	42 0 0	...	Do. do.
47	Chinney ...	Medical; Scavenger.	7 8 0 Do.	25 0	...	45 0 0	...	Do. do.
48	Ayee Goundan ...	Engineering; Gate keeper.	5 8 0 Do.	...	...	...	3 15 from 7-3-99 to 21-6-99.	Sanctioned under G. O., No. 344 R., dated 8th February 1892 and Government of India No. 136 G., dated 15th January 1892.
49	W. Webber ...	Locomotive; Apprentice Boilermaker.	1 5 0 per diem.	...	...	...	0 31 from 1-2-99. to 9-3-99.	Injured while on duty at $\frac{284}{4}$ miles on 7th March 1899. Do. do. Injured while on duty at Perambur Works on 21st January 1899.
	Total for month ...	...	...	...	...	390 0 0	...	
	Amount brought forward.	...	...	...	...	27,351 0 0	...	
	Total for year to date.	...	...	...	...	27,741 0 0	...	

SCHEDULE C.

Alterations in Rates and Fares.

Rate or Fare altered.	Existing Rate or Fare per maund per mile.		New Rate or Fare per maund per mile.		Date of introduction.	Remarks.
	Class.	Rate.	Class.	Rate.		
		Pie.		Pie.		
Oats in wagon loads of 216 maunds at owner's risk.	Spl.	·204	Spl.	·147	1-5-99	Equalised with the Bangalore City rate via Raichur to Mettupalaiyam.
Jaggery, Molasses, country treacle and Sugar unrefined for distances up to 50 miles inclusive.	1st.	·370	2nd	·500	Do.	
Do. do. in wagon loads of 270 to 324 maunds at owner's risk.	Spl.	Scale from ·296 to ·148	2nd	·500	Do.	
Jaggery, Molasses, &c., in wagon loads of 324 maunds *via* Arkonam and *via* Raichur 308 miles.	Spl.	Scale ·156	Spl.	·111	Do.	
Do do. *via* Erode and *via* Raichur 509 miles.	Spl.	Scale ·148	Spl.	·111	Do.	

SCHEDULE D.

Monthly Stock Adjustment Memorandum.

Brief details of important fluctuations during current period, *viz.*, those in excess of Rs. 50.

Name of Article.	Excess.		Deficiency.		Remarks.
	Quantity.	Value.	Quantity.	Value.	
		Rs. A. P.		Rs. A. P.	
Nil.					

SCHEDULE E.

Tender accepted.

Name of Article.	Quantity.	Date of commencement and completion of supply.	Special conditions, if any.	Name of Contractor.	Rate.	Security to be deposited, if any.	Comparison.		Remarks.
							Previous rate.	Lower tender, if any.	
Nil. Dmurrd	200 150 200				Rs. 4-8 4-7- 4-10	Rs.	Rs. A. P.		

SCHEDULE F.-I.

Stores purchased without tender.

Article.	Quantity.	Rate.	Amount.	Authority.	Rate paid for last supply.	Remarks.
		Rs. A. P.	Rs. A. P.		Rs. A. P.	
General Stores Department						
Cement, Portland ...	1,200 barrels.	6 14 0 per barrel.	8,250 0 0	Consulting Engineer.	6-14-0 per barrel.	From Madras Cement Works: for Calicut-Cannanore Extension.
Oil, kerosine, for gas works.	2,400 gallons.	2 12 0 per 8 imperial galls.	825 0 0	Do.	2 12 0 per 8 imperial galls.	From Messrs. Best and Co.
Locomotive Department.						
Mango planks	2,000 c. ft.	0 8 0 per c. ft.	1,000 0 0	Do.	0 9 0 per c. ft.	From Syed Ismail Sait.
Items below Rs. 500.						
General Stores	...	...	8,971 15 7	Agent and Manager.		
Locomotive	...	...	2,308 14 3	Do.		
Engineering	...	...	1,466 5 7	Do.		
Telegraph	...	...	257 2 6	Do.		
Bills for landing and delivery charges.	...	...	533 13 5	Do.		

SCHEDULE G.

Sales without Tender of Stores including Private Work Bills.

Article.	Quantity	Rate.	Amount.	Authority.	Last previous rate.	Book rate.	Remarks.
	No.	Rs. A. P.	Rs. A. P.		Rs. a. p.	Rs. a. p.	
Old iron rails, 75 lbs., 20 ft.	50	12 8 0 each.	625 0 0	Agent and Manager.	12 8 0 each.	...	Sold to Hajee Ismail sait, Bowringpet.
2nd hand rails, 20 ft., 75 lbs.	80	Do.	1,000 0 0	Do.	Do.	...	Sold to Messrs Binny and Co., Managing Agents, the Deccan Sugar and Abkari Co., Limited.
Do. 84 lbs.	20	Do.	250 0 0				
			1,250 0 0				
Cost of building temporary plague sheds at Tungabhadra.	...	...	1,178 7 0	Do.	...	...	Received from Assistant Accountant-General and Inspector of Local Funds Accounts, Fort Saint George.
	No.						
Screw piles	114	...	2,058 10 3	Do.	...	...	Sold to Messrs Burn and Co., Calcutta.
Items under Rs. 500 each.							
General Stores—							
Sales from stock	...	...	* 98 8 2	Do.	...	...	* Includes Rs. 0 10-2 Loss by Exchange.
Surplus stores	...	...	171 4 10	Do.	...	265 10 3	Loss of Rs. 94 5 5 written off to stock adjustment.
Engineering	...	...	1,479 1 8	Do.			
Locomotive	...	...	1,918 15 4	Do.			
Telegraph	...	...	58 6 5	Do.			

SCHEDULE H.

Revisions of estimates and allotments not involving additions to totals of estimates or budget grants.

Name of Estimate.	Proposed Revision.	Revised date for completion, if any.	Transfer.				Remarks.
			Head of Account. Dr.	Amount.	Head of Account. Cr.	Amount.	
				Rs.		Rs.	
Twenty-five houses for Subordinate Staff, Traffic Department, N. W. and S. W. Lines.	Extension of date of lapse of sanction.	30-9-99					
Fitting of Annett's locks to facing points.	Do.	31-12-99					
Signal arrangements at Bowringpet.	Do.	Do.					
High pressure filter for troops at Bangalore City.	Do.	Do.					
Alterations and additions to Bangalore City	Do.	Do.					
Additional signal arrangements at Rayapuram.	Do.	Do.					
Interlocking of points and signals at Mannal.	Do.	Do.					
Making and fitting Whitney's point bolt locks to points of blind sidings, &c.	Do.	Do.					
Estimate for alteration of home signals, &c., at 7 stations so that their arms will fly to danger on any connection breaking (S. W. and N. W. Lines)	Do.	30-6-99					
Engine turn-table 50 feet diameter in lieu of the existing one of 40 feet diameter at Mulanur.	Do.	30-9-99.					
Additional sidings at Mulanur.	Do.	Do.					
Station Master's house at Vinnamangalam.	Do.	31-12-99.					
Estimate for the proposed four houses for Native Station Masters (S. W. Line)	Do	Do.					

SCHEDULE I.

Works completed.

Date of completion.	Name of Work.	Reference to sanction.	Amount of Estimate.			Actual Outlay.		
			Cash.	Stores.	Total.	Cash.	Stores.	Total.
	Capital Works.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1899. Jan.	Additional rooms to Guard's Bungalow at Calicut.	Minute No. 33 of 1898 and C. E. No. 1977 of 8-7-98.	1,096 0 0	220 0 0	1,316 0 0	976 13 7	399 6 7	1,376 4
Do.	Additional wrought iron tank at Baddireddipatti.	Minute No. 18 of 1898 and C. E. No. 1008 of 8-4-98.	30 0 0	1,082 0 0	1,112 0 0	29 12 0	1,084 11 4	1,114 7
March	Rolling stock (2 Bogie composites, 17 III class carriages, 2 III class carriages with brakes and 2 ordinary Brake Vans) required for working the Madras-Ennur Section of the Bezwada-Madras Railway.	Minute No. 14 of 1899 and G. O., No. 344 R., dated 28-3-99.	26,200 0 0	1,11,500 0 0	1,37,700 0 0	27,710 0 6	1,13,147 6 3	1,40,857 6
Do.	Erection of a new planing machine.	Minute No. 23 of 1897 and G. O., No. 445 R., dated 8-7-97.	180 0 0	6,090 0 0	6,270 0 0	35 1 11	5,803 10 6	5,838 12
Do.	Erection of 12 Erhardt's weighing machines.	Minute No 8 of 1899 and C. E., No. 347, dated 31-1-99.	289 0 0	2,741 0 0	3,030 0 0	19 1 0	2,448 15 11	2,468 0
	Total ...	...	27,795 0 0	1,21,633 0 0	1,49,428 0 0	28,770 13 0	1,22,884 2 7	1,51,654 11
	Revenue Works.							
1898 Nov.	30 ton weigh-bridge in lieu of the existing 18½ ton weigh-bridge at Salem.	Minute No. 22 of 1898 and C. E., No. 1221 of 28-4-98.	...	...	2,015 0 0	...	...	2,069 8
1899 Jan.	Revenue portion of the estimate for additional rooms to Guard's bungalow at Calicut.	Minute No. 33 of 1898 and C. E., No. 1977 of 8-7-98.	...	...	330 0 0	...	...	278 2
March	Temporary tank and well at 130 1-2 miles, S.W. Line.	Minute No. 2 of 1899 and C. E., No. 3331 of 3-12-98.	...	...	1,510 15 1	...	...	1,369
	Total ...	...	...	...	3,855 15 1	...	...	3,657 1
	New Minor Works.							
1899 Feb.	Sinking well at Karaimadai.	Minute No. 38 of 1898.	...	...	324 0 0	...	...	247 1
Do.	Additional signals between Rayapuram and Washermenpet.	Minute No. 48 of 1898.	...	...	804 0 0	...	...	819 2
	Total ...	...	...	...	1,128 0 0	...	...	1,067 1

SCHEDULE J.

ORDINARY WORKS exceeding Rs. 5,000 not provided for in Budget for which estimates may be submitted to Government for sanction.

Work.	Estimated Expenditure.	Remarks.
Nil.		

SCHEDULE K.

Changes in Superior Staff.

Department.	Name of Officer.	Designation.	Nature of Change.	Remarks as to authority for change, allowances, passage money, &c.
Traffic ...	G. Wallington ...	Assistant Traffic Manager, 2nd class, 1st Grade.	Increased rate of salary at first class on Rs. $\frac{636\text{-}5\text{-}9 + 818\text{-}2\text{-}10}{2}$ = Rs. 727-4-4 from 24th April 1899.	During Mr. Wilkinson's absence on furlough.
Do. ...	R. Greenall ...	Do. 3rd class, 1st Grade.	Increased rate of salary at first class on Rs. $\frac{454\text{-}8\text{-}8 + 818\text{-}2\text{-}10}{2}$ = Rs. 636-5-9 from 23rd March 1899 up to the date of Mr. Wallington's arrival.	Do. do. *Vice* Mr. Johnstone on sick leave and reverted to his present acting pay in 2nd class from date of Mr. Wallington's arrival.
Do. ...	G. W. Giles ...	Asst. Traffic Manager.	Increased rate of salary at 2nd class on Rs. $\frac{410\text{-}0\text{-}0 + 636\text{-}5\text{-}9}{2}$ = Rs. 523-2-10 from 23rd March 1899 up to the date of Mr. Wallington's arrival.	During Mr. Wallington's absence on furlough.
Do. ...	G. Wallington ...	Do.	Returned from furlough on 24th April 1899.	
Do. ...	W. H. Bates ...	Goods Agent ...	Privilege leave for 1 month and 12 days from 8th May 1899.	*Vide* Agent and Manager's letter No. $\frac{11524}{4712}$ dated 6th May 1899.
Do. ...	Do. ...	Do. ...	Personal allowance of Rs. 100 per mensem from 1st January 1899.	*Vide* G. O., No. 455 Ry., dated 21st April 1899 Government of India No. 610 R. E., dated 6th idem and para. 7 of the Board's letter No. 988 dated 13th January 1899.
General Stores ...	J. Mitchell ...	General Storekeeper.	Salary increased from Rs. 500 to Rs. 550 from 19th May 1899.	*Vide* G. O., No. 309 Ry., dated 22nd February 1898.

SCHEDULE L.

Changes in Subordinate Staff.

Alteration in pay exceeding Rs. 200, new appointments exceeding Rs. 250, leaves involving special outlay, passage money, &c.

Department.	Name of Officer.	Designation.	Nature of Change.	Remarks as to authority for change, allowances, passage money, &c.
Traffic ...	J. White ...	Station Master ...	Special allowance of Rs. 75 per mensem for 1 month and 12 days from 8th May 1899, while acting as Goods Agent at Salt Cotaurs.	During Mr. Bates' absence on privilege leave. Similar allowance was granted in 1898. *Vide* Schedule L. of M O M. of 3rd June 1898.

Agent and Manager.

Consulting Engineer for Railways.

(No. II.)
No. 11513a

579

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

Madras, 19th May 1899.

RECEIVED 20 MAY. 1899

2624
20.5.99

From

The *Agent and Manager.*
Madras Railway.

To

The *Consulting Engineer for Railways.*
Madras.

Sir,

I have the honor to forward herewith 6 proof copies of the minutes of official meeting and Stores Committee to be held on the 30th instant.

One copy bears my initials which it is requested may, if approved, be initialled by you and returned. The other two copies are for the information of yourself and the Government Examiner.

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

Agent and Manager

original documents are enclosed in the box herewith.

[500—1-12-98.]

MADRAS RAILWAY.

From

The Agent and Manager.

To

The Consulting Engineer
for Railways.

Dated

Recd.

No.

188

Form No. 38.

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, 20th May 1899.

EXAMINER OF ACCOUNTS
Diary No. 287
20 MAY. 1899
MADRAS

No. 1616

OFFICE NOTE.

Letter from the Agent, S. Railway, Railway, No. 1157/3a 579, dated 19th May 1899, forwarded to the Examiner of Railway Accounts. for favour of remarks.

20.5.99 - for E. R.

EXAMINER'S REPLY.

29.5.99

List C. Items 18 and 20 are chargeable to Rev. Maintenance and should therefore be transferred to List B. No credits appear in the estimates for materials, if any, to be recovered from the dismantled buildings.

Item 20. No charge appears in the estimate for dismantling the buildings.

Minute 20. After the word "shall" in the penultimate line insert the following:-

late

[500—1-12-98.]

of Revenue thro Minor Works"
ued"—

Minute 21. The lists have just been received for check, which is not likely to be completed by Tuesday next. If approved a special meeting might be convened later on to discuss the rolls.

Sch: A. The manuscript lists of minor claims should be signed by the Agent & Manager and the Consulting Engineer at or before the meeting.

Sch: C. 1st item The existing rate includes terminals - Vide page 136 of the goods classification and it is not known whether the proposed rate also includes terminals, and if so, a note should be entered to that effect.

2nd item The proposed rate appears on page 176 of the goods classification as ·503 RR and ·500 O.R.

Schedule I, 3rd item As the excess outlay is more than 10 per cent. of the original estimate viz

of India, the completion repo
Should be recorded with the
remark "subject to the sanctio
of Govt of India to the excess
over estimate" and an applic-
cation for sanction should also
go to the Govt of India.

Sch: K. Mr. R Guenall. It is pr
sumed that 23rd March 1897
is the date from which Mr. Johnston
availed himself of the sick leav
granted to him.

Mr. J. W. Giles The remark again
this name should be removed
and the following inserted
"During Mr Johnstone's absenc
vice Mr Guenall"

The following require E.R. sanc-
tion:-

Item 24 in List B; Items 1762
in List C; Schedule B except Item
44, Schedule C, first three item
in Sch: F I, the amount of lo
written off in Sch: G, Schedule H,
the small excesses over estimate
on the 1st, 2nd, and the last ite
in Schedule I and Schedule L.

I understand that a repor
will be made at the mee
of the Delocation

by a cash keeper vide this
office No. 79 dated 19-5-1899.

JGW
27/5
C. R.
27.5.99.

Supplementary

For Official Meeting and Stores Committee to be held on 30th May 1899.

Applications for Sanction.

(B) Revenue.

Unless specially stated to the contrary, all items herein included will be met out of existing provision in Establishment Rolls or savings under the heads specified in the Remarks column.

Serial No.	Authority. Government.	Authority. Company.	Particulars.	Amount of Estimate.	Chargeable to	Remarks.
	C. E. No 15446 of 15.5.99	A&Ell.	Permanent Way Inspector's Assistants bungalow in lieu of the existing one at Arkonam.	Rs. 872	Abstract A	

To CRs ere 2707/99
Bor dt 27.5.99
Am

NOTE.—All Revenue sanctions, except minor works, will be included in th[illegible]

Bungalows at Renigunta and Cuddapah demolished.

No. The Agent and Manager reported that the following bungalows at Renigunta and Cuddapah have been demolished :-

At Renigunta

Engine Drivers Bungalow No 175	Rs 5,749.0.0
School house and Masters quarters No 179/J	" 2,600.2.7

At Cuddapah.

Guards Bungalow No 193	" 5,213.1.0
Single Engine Drivers Bungalow No 199/B	" 2,573.13.10

Recorded.

MADRAS RAILWAY.

From The Agent and Manager.

To The Consulting Engineer for Railways.

Dated

Recd.

No. 188

Supplementary

For Official Meeting and Stores Committee to be held on 30th May 1899.

Schedule B.

Gratuities and Special Leave to injured employés.

Serial No.	Name.	Department.	Salary or Wages.	Length of Service.	Amount of gratuity sanctioned.	Period of Special Leave sanctioned.	Remarks.
			Rs. A. P.		Rs. A. P.	M. D.	
	Moonesawmy.	Locomotive Painter	0.8.0 per diem			0.7½ from 10.4.99 to 20.4.99	Sanctioned under G.O. No. 644 R. dated 8th February 1892 and Govt. of India No. 136 dy. dated 15th January 1892. Injured while on duty at Perambur Wks on the 10th April 1899.
	Govinden.	Do; Blacksmith	0.10.0 -do-			0.6 from 19.4.99 to 20.4.99	-Do- -Do- Injured while on duty at Perambur Wks on 18th April 1899.
	Moonoosawmy.	Do; Boilersmith	0.8.0 -do-			0.20 from 20.4.99 to 13.5.99	-Do- -Do- Injured while on duty at Perambur Wks on 19th April 1899.
	Total for month ...						
	Amount brought forward ...						
	Total for year to date ...						

Supplementary.

E. No. 191/8.

For Official Meeting and Stores Committee to be held on 30th May 1899. 1,000—4-96.

Schedule P. I.

Stores purchased without tender.

Article.	Quantity.	Rate.	Amount.	Authority.	Rate paid for last supply.	Remarks.
		Rs. A. P.	Rs. A. P.		Rs. A. P.	
General Stores Department.						
Oil Kerosine for gas works.	24.00 Galls.	2.12.0 per 8 Imp gall	825.0.0	Con Sup	2.12.0 per 8 imp galls	From Messrs Best
India rubber hose sphincter grip armoured 1¼" diameter.	200 feet	2.14.0 per ft	575.0.0	Do	. . .	From Messrs Jivrs. Hoare &co, Bombay
Iron chain ⅞"	1000 feet	. . .	1200.0.0	Do	. . .	For Calicut Pano-rate Extension Approximate valu
Iron flat swedish Bars 3" × ¾"	70	. . .	802.0.0	Do	. . .	Do Do
-Do- 3" × ⅝"	73	. . .	706.0.0	Do	. . .	Do Do
-Do- 2" × 1"	50	. . .	513.0.0	Do	. . .	Do Do
Do- 1½" × ¾"	100	. . .	577.0.0	Do	. . .	Do Do
Engineering Department.						
Surveying instruments.	No	Each				
Theodolite.	1	600.0.0	600.0.0		each	For use in connection with the proposed improved alignment, be on K. G. F. Rly.
Levels.	2	300.0.0	600.0.0		600.0.0	
Levelling staves.	4	38.0.0	152.0.0	Do	300.0.0	
Measuring chains 100 feet	2	14.0.0	28.0.0			
			1,380.0.0			
Locomotive Department.						
Timber red cedar.	12 to 13 tons	0.14.0 per cft	. . .	Do	0.14.6 per cft	Approximate value. From A. Brow of Kallayi.

Note.—Items below Rs. 500 to be recorded in total only, all others in detail.

Supplementary

For Official Meeting and Stores Committee to be held on 30th May 1897.

Schedule G.

Sales without tender of stores including private work bills.

Article.	Quantity.	Rate.	Amount.	Authority.	Last previous rate.	Remarks.
		Rs. A. P.	Rs. A. P.		Rs. A. P.	
old iron rails 20 feet 65 lbs	Nos. 57	12.8.0 each	712.8.0	Agent and Ellaraya	12.8.0 each	Sold to the T. man, Ellur Council, Pa
Cutting charges.	57 cuts	0.2.0 per cut	7.2.0			
			719.10.0			
Iron of sorts and sizes.	...	...	1399.4.1	Do.	...	Sold to Messrs Mallasey an
Gourangdhi Coal.	50 tons	...	653.14.6	Do	...	Sold to Mes Best and
Expenditure incurred in manufacturing signals.	...	...	235.12.7	Do	...	Amount r from B. ell including -mission loss by ex
Expenditure incurred in constructing rolling stock.	...	...	5938.5.11	Do	...	-Do

NOTE.—Items below Rs. 500 to be recorded in total only, all others in detail.

... in excess of original sanction, the excess must also be sanctioned on

Supplementary

* For Official Meeting and Stores Committee to be held on 20th May 1899.

Schedule H.

Revisions of estimates and allotments not involving additions to totals of estimates or budget grants.

Name of Estimate.	Proposed Revision.	Revised date for completion if any.	Transfers.				Remarks.
			Head of Account. Dr.	Amount.	Head of Account. Cr.	Amount.	
				Rs.		Rs.	
Twenty-two houses for subordinate staff, Traffic Department, S. & N. and W. Lines.	Extension of date of lapse of sanction.	30.9.99					
Stone wall fence in lieu of aloe fence at 27 miles, B. B. Line, for the Dewan of Mysore.	— do —	30.9.99					
Additional rooms for Assistant Station Master's house at Katpadi occupied by two married men with families.	— do —	30.9.99					

NOTE.—Arrear charges will be provided for herein by extension of time; if in excess of original sanction, the excess must also be sanctioned on list of General Sanctions.

(No. I.) 1898 a

Supplementary

For Official Meeting and Stores Committee to be held on 30th day May 1899.

Schedule H.

Revisions of estimates and allotments not involving additions to totals of estimates or budgetgrants.

Name of Estimate.	Proposed Revision.	Revised date for completion if any.	Transfers.				Remarks.
			Head of Account. Dr.	Amount.	Head of Account. Cr.	Amount.	
				Rs.		Rs.	
Water supply at Bangalore Cantonment	Extension of date of lapse of sanction.	30.9.99					
Native lathing at Bangalore City.	— do —	30.9.99					
Five-ton crane at Bangalore City.	— do —	30.12.99					

Note.—Arrear charges will be provided for herein by extension of ti[illegible]s excess of original sanction, the excess must also be sanctioned on list of General Sanctions.

(No. 1)
No. 11513a

601

CONSULTING ENGINEER FOR RAILWAYS
RECEIVED
29 MAY 1899
From
MADRAS

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

Madras, 27th May 1899.

2707
29-5-99

To The Agent and Manager.
Madras Railway.

The Consulting Engineer for Railways.
Madras.

SIR,

In continuation of my letter
No. 11513a/579 of the 19th instant, I have the
honor to forward herewith 2 copies of
supplementary schedules of subjects
which will be brought forward for
discussion at the next official meeting.
One copy is for yourself and the
other is for the Government Examiner.

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

[illegible]
Agent and Manager.

Form No. 33.

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, 29th May 1899.

No. 1676

OFFICE NOTE.

EXAMINER'S OFFICE
Rec'd No. 898
29 MAY 1899
RAILWAY ACCOUNTS DEPT.

Letter from the Agent, S. Mahratta Railway, No. 11513 a/601, dated 27th May 1899, forwarded to the Examiner of Railway Accounts for favour of remarks.

29.5.99 for E. R.

EXAMINER'S REPLY.

Schs. B. F I & H. require E. Rs Sanction.

29/5/99

C. R
29.5.99.

[500—1-12-98.]

Form No. 9.

No. 1682

Madras, 29 May 1899.

From

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS,

Reminders.

To

THE AGENT AND MANAGER, M Ry.

" " S. I. Ry.

Reply No.

Dated

SIR,

With reference to your letter No. 11513a/579, dated 19 August 1899, I have the honour to return, ~~duly signed,~~ the proof copy of the Minutes of Meeting forwarded therewith with the remarks which will be found overleaf.

29.5.99.

Consulting Engineer.

Note Copy of C.R. note should be entered.

29/5/99

Despatched on 29/5/99

(No. I.)

No. 11513a

690

5000-15-3-88.

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

MADRAS, 14th June 1899.

RECEIVED
15 JUN. 1899
MADRAS.

3083.
15.6.99

From The Agent and Manager,
Madras Railway Company,

To The Consulting Engineer for Railways.
Madras.

SIR,

I have the honor to forward herewith a proof copy of the minutes of the Official Meeting and Stores Committee held on the 30th ultimo and to request that it may be signed and returned if you consider that the proceedings have been correctly recorded.

I have the honor to be,
Sir,
Your most obdt Servt,

Encl: one

[500—1-12-98.]

Form No. 33.

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, 16th June 1899.

Rec. No. 3653
17 JUN. 1899
Enclosures
RAILWAY ACCOUNTS, MADRAS

No. 1910

OFFICE NOTE.

Letter from the Agent, ~~Manager~~ Madras Railway, No. 11513/690, dated 14th June 1899, forwarded to the Examiner of Railway Accounts for remarks.

16.6.99.
for E. R.

No. 1989 dt 26.6.99.

Copy to AM with reference to his letter No. 11513/690 dt 14th June 1899 for necessary action.

with a copy of the No. 4 Minutes to Lancs with reply. 26.6.99 for E.R.

EXAMINER'S REPLY.

Some corrections have been made in red ink on pages 48, 55, 56, 57, 58 and 70 Schedule K.

The references to grades should be omitted, only classes are sanctioned and increments are given in each class after fixed periods of service.

Despatched on 26/6/99

JGW 21/6/99

G.R. 21.6.99

[500—1-12-98.]

(No. I.)

No. 11513a

5000-15-3-88.

7 85

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

MADRAS, 1st July 1899.

From

RECEIVED 3-JUL 1899

3203 1.7.99

To

The Agent and Manager,
Madras Railway Company,

The Consulting Engineer for Railways.
Madras.

SIR,

With reference to your endorsement No. 1989 of the 26th ultimo, I have the honor to return herewith, for your signature, another proof of the minutes of the last Official meeting, duly corrected.

With regard to the alteration in the spelling of the station "Morgaum" made on page 18 of the minutes, I beg to refer you to G.O. No. 676 R. dated 10th October 1896 in which the approval of the Government was communicated to the spelling adopted by this office.

I have the honor to be,
Sir,
Your most obedt. Servt.
[illegible]
for Agent & Manager.

Inclosure.

(500—1-12-98.)

Form No. 33.

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, 3rd July 1899.

No. 2086

OFFICE NOTE.

Letter from the Agent, ~~Mysore~~ Railway, No. 11513a/785, dated 1st July 1899, forwarded to the Examiner of Railway Accounts, for remarks.

3/7/99

for E. R.

EXAMINER'S REPLY.

The proof copy may now be signed by E.R.

The mistake about spelling of Organum Station occurred owing to its appearing spelt in both ways in the list of Stations on Indian Railways Corrected upto 31-12-96: See pages 49 and 68 of the list: The Govt. of India might be asked to expunge the entry on page 68.

Mys K+R

JGW 4/7/99

E.R.

Dist 4/7/99.

[500—1-12-98.]

Desp.

Please obtain the Signature of Captn Ashworth RE to the prop Minutes of Meeting & then despatch the letter with it

Dft
13/7/99

The letter to Madras is also numbered & despd from Chambers in "Ry" Series as directed by P.M. in pencil

R. Form No. 12.

No. 230 Rly

Government of Madras.

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

2 drafts.

To

The Secy. to the Govt. of India,

P. W. Department.

Fort St. George

Madras 17 July 189 9

Sir,

I am directed by [illegible] state that the station "Oorgaum" has been spelt in three different ways on pages 49 & 68 of the list of Stations on Indian Railways corrected upto 31st Dec 1896 forwarded with your letter No. 173 R. Ry. Dated 10th April 1897 and to request that the entry on page 68 may be altered accordingly.

I have &c.

11.7.99

Dft/67/59

Form No. 9.

No. 2294

Madras, 25th July 1899.

From

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS,

Reminders.

To

THE AGENT AND MANAGER, M RY.

" " ~~S. I. Ry.~~

Reply No.

Dated

SIR,

With reference to your letter No. 11513a/785 dated 1st July 1899, I have the honour to return, duly signed, the proof copy of the Minutes of Meeting forwarded therewith ~~with the remarks which will be found overleaf~~.

Consulting Engineer.

12.7.99.

Despatched on 3/7/99

Form No. 9.

No. 2294

Madras, 25th July 1899

From

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS,

Reminders.

To

THE AGENT AND MANAGER, M RY.

" " ~~S. I. RY.~~

Reply No.

Dated

SIR,

With reference to your letter No. 11513a/785 dated 1st July 1899, I have the honour to return, duly signed, the proof copy of the Minutes of Meeting forwarded therewith ~~with the remarks which will be found overleaf~~.

Consulting Engineer.

12/7/99

2 Drafts

Despatched on 3/7/99

(C. 3.)

1,000—26-12-94.

Madras Railway Company,

AGENT & MANAGER'S OFFICE,

Madras,

From

CONSULTING ENGINEER FOR RAILWAYS
RECEIVED
4 AUG. 1899
MADRAS.

THE AGENT AND MANAGER,

M. R. Co.

To

The Consulting Engineer
for Railways,
Madras.

Dated 3rd August 1899
Received

No. 11513
948

The undersigned has the honor to forward herewith ~~for information~~ 25 printed copies of the Minutes of the Official Meeting and Stores Committee held on the 30th May 1899.

Agent and Manager.

Encl 25.

P.C. No. 1 to E. R's C. No. 4041 of 1899
LETTER No. 11573 A | 3-8-99
47C 943

Private and Confidential—for the use of Heads of Departments only.

MADRAS RAILWAY.

MINUTES OF OFFICIAL MEETING

AND

STORES COMMITTEE,

No. 4 OF 1899,

HELD AT THE

AGENT AND MANAGER'S OFFICE, RAYAPURAM TERMINUS,

On Tuesday, the 30th May 1899,

PRESENT.

LOUIS S. MOSS, *Agent and Manager.*
A. EDWARDS, *Asst. to do.*
E. W. STONEY, *Chief Engineer.*
F. W. READ, *Traffic Manager.*
C. E. PHIPPS, *Loco. Superintendent.*
F. DUNSTERVILLE, *Chief Auditor.*
P. ASHWORTH, CAPT., R.E., *Dy. Consulting Engineer for Railways.*
F. G. HEAVEN, *Examiner of Railway Accounts.*

MINUTES OF OFFICIAL MEETING, HELD ON THE 18th APRIL 1899, CONFIRMED.

No. 17. The Minutes of the Official Meeting and Stores Committee, held on the 18th April 1899, for the authorization of expenditure, &c., were approved by the Consulting Engineer and confirmed.

GENERAL SANCTIONS.

No. 18. The following sanctions are recorded:—

(A) CAPITAL.

Serial No.	Authority. Government. No. of Letter.	Authority. Government. Date.	Authority. Government. Register No.	Authority. Company.	Particulars.	Amount of Estimate.	Allotment out of current year's grant. Cash.	Allotment out of current year's grant. Stores.	Date on which sanction lapses.	Remarks.
21	C. E., No. 1243.	18-4-99.	...	Agent and Manager.	Level-crossing gates in lieu of the existing ones at ¼, ½ and ¾ miles, S. W. Line.	Rs. 3,773	Rs. 1,412	Rs. 2,361	31-12-99.	The total estimate is for Rs. 4,096, Rs. 323 being chargeable to Revenue.
22	C. E., No. 1320.	24-4-99.	...	Do.	Signalling arrangements at Guntakal.	2,405	588	1,817	31-12-99.	

(B) REVENUE.

Serial No.	Authority. Government.	Authority. Company.	Particulars.	Amount of Estimate.	Chargeable to	Remarks.
22	C. E., No. 1243 of 18-4-99.	Agent and Manager.	Revenue portion of the estimate, amounting to Rs. 4,096, for level-crossing gates in lieu of the existing ones at ¼, ½, and ¾ miles, S. W. Line.	Rs. 323	Abstract A.	
23	C. E., No. 1544 of 15-5-99.	Do.	Permanent-Way Inspector's Assistant's bungalow in lieu of the existing one at Arkonam.	872	Do.	
24	Consulting Engineer.	Do.	Three houses for Subordinate Staff, Traffic Department, at Kadiampatti.	962	Do.	
25	Do.	Do.	New latrine for Engineering and Telegraph workshops at Arkonam.	301	Do.	
26	C. E., No. 1447 of 6-5-99.	Do.	Temporary house allowance to the Station Master, Palghat, from the 19th February 1899 until the Company's quarters are rendered fit for re-occupation.	10 per mensem.	Abstract D	
27	Consulting Engineer.	Do.	Temporary allowance to the Pointsman at Oorgaum from 1st May 1899 owing to the prevalence of plague.	2 do.	Do.	
28	Do.	Do.	Silver medal presented to Miss Jane Pullen of the Perambur School for having headed the list of pupils from the Railway Schools who passed the Lower Secondary Examination.	18	Abstract G.	

(C) REVENUE—NEW MINOR WORKS.

Against provision of Rs. 12,735 in the Establishment Lists for the Half-year ending 30th June 1899.

Serial No.	Authority. Government.	Authority. Company.	Particulars.	Amount of Estimate.	Chargeable to	Date on which sanction lapses.	Remarks.
				Rs. A. P.			
17	Consulting Engineer.	Agent and Manager.	Shelter for Pointsmen at Jalarpet.—Groups VI, VII and VIII.	609 0 0	Abstract A—VI.	31-12-99	
18	Do.	Do.	Flagging the porticos on both sides of the station building west end from the Station Master's office to the end of the building at Jalarpet.	503 0 0	Do.	Do.	
19	C. E., No. 1204 of 15-4-99.	Do.	Extension of refreshment room for Native passengers at Arkonam.	*1,186 0 0	Do.	30-9-99	
				2,298 0 0			
			Amount brought forward ...	10,044 0 0			
			Total ...	12,342 0 0			

* In supersession of the sanction recorded in Minute No. 33 of 29th July 1898.

SURVEY FROM TIRUPATUR TO KRISHNAGIRI.

No. 19. Read G.O., No. 469 Ry., dated 25th April 1899, communicating the sanction of the Government of India (No. 630, R. C., dated 13th April 1899) to the estimate amounting to Rs. 11,362 of the cost of a survey for a two-feet gauge line from Tirupatur or Patchur to Krishnagiri, a distance of 25 miles. Read also G.O., No. 498 Ry., dated 28th April 1899, conveying the sanction of the Government of India (No. 75 A. R., dated 19th April 1899) to the grant of Rs. 5,000 under the head "41. Miscellaneous Railway Expenditure" to meet outlay to be incurred on the survey during the current official year.

Recorded.

NEW WORKS AND ALTERATIONS COSTING LESS THAN Rs. 500 EACH.

No. 20. With reference to Minute No. 47 of the Official Meeting and Stores Committee, held on the 27th March 1890, read letter from the Consulting Engineer, No. 32/O, dated the 15th May 1899, approving of the proposal that new works or additions to existing works costing less than Rs. 500 each may be sanctioned by the Agent and Manager on the understanding that all works so sanctioned shall be charged to ordinary Revenue and not to Revenue New Minor Works and be duly recorded in the Minutes of the Official Meetings.

Recorded.

BUNGALOWS AT RENIGUNTA AND CUDDAPAH DEMOLISHED.

No. 21. The Agent and Manager reported that the following bungalows at Renigunta and Cuddapah have been demolished:—

At Renigunta.

Engine Drivers' bungalow No. 175 ... ... Rs. 5,749 0 0
School-house and Master's quarters No. 179/J. ... ... „ 2,600 2 7

At Cuddapah.

Guards' bungalow No. 193 ... ... „ 5,213 1 0
Single Engine Driver's bungalow No. 199/B. ... ... „ 2,573 13 10

Recorded.

ESTABLISHMENT LISTS FOR THE HALF-YEAR ENDING 31st DECEMBER 1899.

No. 22. The lists of the Establishments proposed for the undermentioned Departments during the half-year ending 31st December 1899 were submitted and considered, namely :—

- Agent and Manager's.
- Chief Auditor's.
- General Stores.
- Medical.
- Telegraph.
- Engineering.
- Locomotive.
- Traffic.
- Railway School Establishment.
- Police.
- Miscellaneous.

These lists, which were accepted as submitted in Committee, will be forwarded to the Consulting Engineer for the sanction of Government. The details of Maintenance charges, Engineering Department, and Station Staff, Traffic Department, are given in the Appendix.

No. 23. Resolved that the following Schedules, A to I, be approved and recorded :—

SCHEDULE A.

Statement of Compensation Claims paid during March and April 1899.

Serial No.	Name of Claimant.	Amount claimed.	Amount settled.	Recoveries.	Chargeable to Fire Insurance Fund.	Total Charge against Madras Railway.	Remarks.
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
3	Minor claims settled by the Traffic Manager during March 1899.	81 10 10	* 68 4 9	42 9 1	...	25 9 8	* Rs. 22-2-0 to be debited to Guntakal Joint Station Account. † Rs. 159-13-0 to be debited to Guntakal Joint Station Account.
4	Do. April 1899.	490 12 7	† 279 14 4	39 2 7	...	80 14 9	
	Total for month ...	...	...	...	...	84 8 5	
	Amount brought forward.	...	...	...	...	228 11 6	
	Total for half-year to date	...	...	...	...	313 3 11	

SCHEDULE B.

Gratuities and Special Leave to Injured Employes.

Serial No.	Name.	Department.	Salary or Wages.	Length of Service.	Amount of Credit Balance in Provident Institution.	Amount of Gratuity sanctioned.	Period of Special Leave sanctioned.	Remarks.
			Rs. A. P.	Y. M.	Rs. A. P.	Rs. A. P.	M. D.	
39	Ammoor Vythia Moonisawmy	Engineering; Cooly.	4 14 0 per mensem.	0 5½	...	30 0 0	...	Six months' pay sanctioned under clause 1 of the Schedule attached to Government of India Circular No. V., Ry., dated 21st August 1896.
40	Govinthan... ...	Do.; Gang Maistry.	9 0 0 Do.	19 10	...	54 0 0	...	Crippled for life. Injury inflicted while in the execution of his duty. Six months' pay sanctioned under clause 2 of the Schedule attached to Government of India Circular No. V., Rys, dated 21st August 1896.
41	Gengadoo... ...	Do.; Line Watchman.	6 8 0 Do.	32 0	...	30 0 0	...	Do. do.
42	Gnanammal, wife and guardian of 4 minor children of late Gengan.	Do.; Gang Cooly.	5 0 0 Do.	33 9	...	30 0 0	...	Six months' pay sanctioned under clause 3 of the Schedule attached to Government of India Circular No. VI., Ry., dated 18th July 1895.
43	Widow of late T. Cooppen.	Locomotive; Shed Watchman.	7 8 0 Do.	22 3	...	45 0 0	...	Do. do.
	Carried over ...	...	...	...	...	198 0 0	...	

SCHEDULE B.—*contd.*

Gratuities and Special Leave to Injured Employes.

Serial No.	Name.	Department.	Salary or Wages.	Length of Service.	Amount of Credit Balance in Provident Institution.	Amount of Gratuity sanctioned.	Period of Special Leave sanctioned.	Remarks.
	Brought forward...	...	Rs. A. P. ...	Y. M. ...	Rs. A. P. ...	Rs. A. P. 198 0 0	M. D. ...	
44	Shaik Ismail ...	Traffic; Pointsmen Maistry.	10 0 0 per mensem.	21 3	...	60 0 0	...	Six months' pay sanctioned in C. E. No. 1350, dated 20th April 1899.
45	T. Moran ...	Do.; Porter.	7 8 0 Do.	20 1	...	45 0 0	...	Six months' pay sanctioned under clause 2 of the schedule attached to Government of India Circular No. V., Ry., dated 21st August 1896.
46	Shaik Jamal ...	Audit; Guard Peon.	7 0 0 Do	20 0	...	42 0 0	...	Do. do.
47	Chinney ...	Medical; Scavenger.	7 8 0 Do.	25 0	...	45 0 0	...	Do. do.
48	Ayee Gundan ...	Engineering; Gate keeper.	5 8 0 Do.	...	...	...	3 15 from 7-3-99 to 21-6-99.	Sanctioned under G. O. No. 344 R. dated 8th February 1892, and Government of India No. 136 G., dated 15th January 1892. Injured while on duty at $\frac{284}{4}$ miles on 7th March 1899.
49	W. Webber ...	Locomotive; Apprentice Boilermaker.	1 5 0 per diem.	...	...	...	0 31 from 1-2-99. to 2-3-99.	Do. do. Injured while on duty at Perambur Works on 21st January 1899.
50	Moonsawmy ...	Do.; Painter.	0 8 0 Do.	...	...	...	0 7½ from 10-4-99. to 20-4-99.	Do. do. Injured while on duty at Perambur Works on the 10th April 1899.
51	Govinden ...	Do.; Blacksmith.	0 10 0 Do.	...	...	...	0 6 from 19-4-99. to 26-4-99.	Do. do. Injured while on duty at Perambur Works on 18th April 1899.
52	Moonoosawmy ...	Do.; Boilersmith.	0 8 0 Do.	...	...	...	0 20 from 20-4-99 to 13-5-99.	Do. do. Injured while on duty at Perambur Works on 19th April 1899.
	Total for month ...	...	...	...	...	390 0 0	...	
	Amount brought forward.	...	...	...	...	27,351 0 0	...	
	Total for year to date	...	...	...	...	27,741 0 0	...	

SCHEDULE C.

Alterations in Rates and Fares.

Rate or Fare altered.	Existing Rate or Fare per maund per mile.		New Rate or Fare per maund per mile.		Date of introduction.	Remarks.
	Class.	Rate.	Class.	Rate.		
Oats in wagon loads of 216 maunds at owner's risk.	Spl.	Pie. *·204	Spl.	Pie. *·147	1-5-09	Equalised with the Bangalore City route via Raichur to Mettupalaiyam.
Jaggery, molasses, country treacle and sugar, unrefined, for distances up to 50 miles inclusive.	1st	·370	2nd	·500	Do.	
Do. do. in wagon loads of 270 to 324 maunds at owner's risk.	Spl.	Scale from ·296 to 1·18	2nd	·500	Do.	
Jaggery, molasses, &c., in wagon loads of 324 maunds, *viâ* Arkonam and *viâ* Raichur 309 miles.	Spl.	Scale ·156	Spl.	·111	Do.	
Do. do. *viâ* Erode and *viâ* Raichur 509 miles.	Spl.	Scale ·148	Spl.	·111	Do.	

* Includes terminals.

SCHEDULE D.

Monthly Stock Adjustment Memorandum.

Brief details of important fluctuations during current period, *viz.*, those in excess of Rs. 50.

Name of Article.	Excess.		Deficiency.		Remarks.
	Quantity.	Value.	Quantity.	Value.	
		Rs. A. P.		Rs. A. P.	
Nil.					

SCHEDULE E.

Tenders accepted.

Name of Article.	Quantity.	Date of commencement and completion of supply.	Special conditions, if any.	Name of Contractor.	Rate.	Security to be deposited, if any.	Remarks.
Firewood ...	Tons. 200	...	For lighting wood, annas nine per ton less.	Reddivary Govinda Reddy.	Rs. A. P. 4 8 0 per ton.	Rs. ...	Special arrangement. To be delivered at 87 miles and stacked at Renigunta.
Do. ...	150	...	Do.	R. Rama Reddy ...	4 7 0 Do.		
Do. ...	200	...	Do.	R. Krishna Reddy.	4 10 0 Do.		

SCHEDULE F-I.

Stores purchased without tender.

Article.	Quantity.	Rate.	Amount.	Authority.	Remarks.
General Stores Department.		Rs. A. P.	Rs. A. P.		
Cement, Portland ...	1,200 barrels.	6 14 0 per barrel.	8,250 0 0	Consulting Engineer.	From Madras Cement Works; for Calicut-Cannanore Extension.
Oil, kerosine, for gas works.	4,800 gallons.	2 12 0 per 8 imperial galls.	1,650 0 0	Do.	From Messrs. Best and Co.
India rubber hose, sphincter grip, armoured, 1¼" diameter.	200 feet.	2 14 0 per foot.	575 0 0	Do.	From Messrs. Turner, Hoare and Co., Bombay.
Iron chain, ¾"	1,000 feet.	...	1,300 0 0	Do.	Approximate value. For Calicut-Cannanore Extension.
	Bars.				
Iron, flat, Swedish, 3" × ½"	70	...	802 0 0	Do.	Do. do.
Do. do. 3" × ⅜" ...	73	...	706 0 0	Do.	Do. do.
Do. do. 2" × ⅜" ...	50	...	513 0 0	Do.	Do. do.
Do. do ½" × ½"	100	...	577 0 0	Do.	Do. do.
Engineering Department.					
Surveying Instruments—	No.	Each.			
Theodolite	1	600 0 0	600 0 0	Do.	For use in connection with the proposed improved alignment, &c., on K. G. F. Railway.
Levels	2	300 0 0	600 0 0		
Levelling Staves ...	4	38 0 0	152 0 0		
Measuring Chains, 100 feet.	2	14 0 0	28 0 0		
			1,380 0 0		
Locomotive Department.					
Mango planks	2,000 c. ft.	0 8 0 per c. ft.	1,000 0 0	Do.	From Syed Ismail Saib.
Timber, red cedar ...	12 to 13 tons.	0 14 0 per c. ft.	...	Do.	Approximate value. From Mr. A. Brown of Kallayi.
Items below Rs. 500.					
General Stores	...	...	8,971 15 7	Agent and Manager.	
Locomotive	...	...	2,308 14 3	Do.	
Engineering	...	...	1,466 5 7	Do.	
Telegraph	...	...	257 2 6	Do.	
Bills for landing and delivery charges.	...	...	533 13 5	Do.	

SCHEDULE G.

Sales without Tender of Stores including Private Work Bills.

Article.	Quantity	Rate.	Amount.	Authority.	Remarks.
		Rs. A. P.	Rs. A. P.		
Old iron rails, 75 lbs., 20 ft.	No. 50	12 8 0 each.	625 0 0	Agent and Manager.	Sold to Hajee Ismail Sait, Bowringpet.
2nd hand rails, 20 ft., 75 lbs.	80	Do.	1,000 0 0	Do.	Sold to Messrs. Binny and Co., Managing Agents, The Deccan Sugar and Abkari Co., Limited.
Do. 84 lbs.	20	Do.	250 0 0		
			1,250 0 0		
Cost of building temporary plague sheds at Tungabhadra.	...	...	1,178 7 0	Do.	Received from Assistant Accountant-General and Inspector of Local Funds Accounts, Fort Saint George.
Screw piles	No. 114	...	2,058 10 3	Do.	Sold to Messrs. Burn and Co., Calcutta.
Old iron rails, 20 ft., 65 lbs ...	57	12 8 0 each.	712 8 0	Do.	Sold to the Chairman, Municipal Council, Palghat.
Cutting charges	57 cuts.	0 2 0 per cut.	7 2 0		
			719 10 0		
Iron of sorts and sizes ...	...	...	1,399 4 1	Do.	Sold to Messrs. Massey and Co.
Gourangdhi coal	50 tons.	...	653 14 6	Do.	Sold to Messrs. Best and Co.
Expenditure incurred in manufacturing signals.	...	...	285 12 7	Do.	Amount recovered from B. M. Ry. including Commission and Loss by Exchange.
Expenditure incurred in constructing rolling stock.	...	...	50,845 10 11	Do.	Do. do. do.
Items under Rs. 500 each.					
General Stores—					
Sales from stock	...	...	* 93 8 2	Do.	* Includes Rs. 0 10-2 Loss by Exchange.
Surplus stores	...	...	171 4 10	Do.	Loss of Rs. 94-5-5 written off to Stock adjustment.
Engineering	...	...	1,479 1 8	Do.	
Locomotive	...	...	1,918 15 4	Do.	
Telegraph	...	...	58 6 5	Do.	

SCHEDULE H.

Revisions of estimates and allotments not involving additions to totals of estimates or budget grants.

Name of Estimate.	Proposed Revision.	Revised date for completion, if any.	Transfer.				Remarks.
			Head of Account. Dr.	Amount.	Head of Account. Cr.	Amount.	
				Rs.		Rs.	
Twenty-five houses for Subordinate Staff, Traffic Department, N. W. and S. W. Lines.	Extension of date of lapse of sanction.	30-9-99					
Fitting of Annett's locks to facing points.	Do.	31-12-99					
Signal arrangements at Bowringpet.	Do.	Do.					
High pressure filter for troops at Bangalore City.	Do.	Do.					
Alterations and additions to Bangalore City	Do.	Do.					
Additional signal arrangements at Rayapuram.	Do.	Do.					
Interlocking of points and signals at Munnal	Do.	Do.					
Making and fitting Whitney's point bolt locks to points of blind sidings, &c.	Do.	Do.					
Alteration of home signals, &c., at 7 stations, so that their arms will fly to danger on any connection breaking (S. W. and N. W. Lines).	Do.	30-6-99					
Engine turn-table 50 feet diameter in lieu of the existing one of 40 feet diameter at Mulanur.	Do.	30-9-99.					
Additional sidings at Mulanur.	Do.	Do.					
Station Master's house at Vinnamangalam.	Do.	31-12-99.					
Four houses for Native Station Masters (S. W. Line).	Do.	Do.					
Twenty-two houses for Subordinate Staff, Traffic Department, S. W. and N. W. Lines.	Do.	30-9-99					
Stone wall fence in lieu of aloe fence at 217 19-21 miles, B. B. Line, for the Dewan of Mysore.	Do.	Do.					
Additional rooms for Assistant Station Master's house at Katpadi occupied by two married men with families.	Do.	Do.					
Water-supply at Bangalore Cantonment.	Do.	Do.					
Native latrine at Bangalore City.	Do.	Do.					
Five-ton crane at Bangalore City.	Do.	31-12-99					

SCHEDULE I.

Works completed.

Date of completion.	Name of Work.	Reference to sanction.	Amount of Estimate. Cash.	Stores.	Total.	Actual Outlay. Cash.	Stores.	Total.	Remarks.
	Capital Works.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
1899. Jan.	Additional rooms to Guard's bungalow at Calicut.	Minute No. 33 of 1898 and C. E. No. 1977 of 8-7-98.	1,096 0 0	220 0 0	1,316 0 0	976 13 7	399 6 7	1,376 4 2	
Do.	Additional wrought iron tank at Baddireddipatti.	Minute No. 18 of 1898 and C. E. No. 1008 of 8-4-98.	30 0 0	1,082 0 0	1,112 0 0	29 12 0	1,084 11 4	1,114 7 4	
March	Rolling stock (2 bogie composites, 17 III class carriages, 2 III class carriages with brakes and 2 ordinary brake vans) required for working the Madras-Ennur Section of the Bezwada-Madras Railway.	Minute No. 14 of 1899 and G. O. No. 344 R. dated 28-3-99 and G. of I. No. 42 R. S., dated 4-2-96.	26,200 0 0	1,11,500 0 0	1,37,700 0 0	27,710 0 6	1,13,147 6 3	1,40,857 6 9	
Do.	Erection of a new planing machine.	Minute No. 23 of 1897 and G. O., No. 445 R., dated 8-7-97.	180 0 0	6,090 0 0	6,270 0 0	35 1 11	5,803 10 6	5,838 12 5	
Do.	Erection of 12 Erhardt's weighing machines.	Minute No. 8 of 1899 and C. E., No. 247, dated 31-1-99.	289 0 0	2,741 0 0	3,030 0 0	19 1 0	2,449 15 11	2,468 0 11	
	Total ...	...	27,795 0 0	1,21,633 0 0	1,49,428 0 0	28,770 13 0	1,22,884 2 7	1,51,654 15 7	
	Revenue Works.								
1898. Nov.	20-ton weigh-bridge in lieu of the existing 18½-ton weigh-bridge at Salem.	Minute No. 22 of 1898 and C. E., No. 1221 of 28-4-98.	...	...	2,015 0 0	...	...	2,009 8 10	
1899. Jan.	Revenue portion of the estimate for additional rooms to Guard's bungalow at Calicut.	Minute No. 33 of 1898 and C. E., No. 1977 of 8-7-98.	...	...	330 0 0	...	...	278 2 8	
March	Temporary tank and well at 139 1-2 miles, S.W. Line.	Minute No. 2 of 1899 and C. E., No. 3231 of 3-12-98.	...	...	1,510 15 1	...	...	1,309 5 11	
	Total ...	...	...	...	3,855 15 1	...	...	3,657 1 6	
	New Minor Works.								
1899. Feb.	Sinking well at Karaimadai.	Minute No. 38 of 1898.	...	...	324 0 0	...	...	247 15 7	
Do.	Additional signals between Rayapuram and Washermenpet.	Minute No. 48 of 1898.	...	...	804 0 0	...	...	819 15 2	
	Total ...	...	...	...	1,128 0 0	...	...	1,067 14 9	

Excess whether on total of estimates or on cash or stores in any of these estimates to be met from savings on the total of the estimates in which such belongs.

* Excess specially approved by the Consulting Engineer (*vide* letter No. 1604, dated 19th May 1899) subject to the sanction of the Government of India.

SCHEDULE J.

ORDINARY WORKS exceeding Rs. 5,000 not provided for in Budget for which estimates may be submitted to Government for sanction.

Work.	Estimated Expenditure.	Remarks.
Nil.		

SCHEDULE K.

Changes in Superior Staff.

Department.	Name of Officer.	Designation.	Nature of Change.	Remarks as to authority for change, allowances, passage money, &c.
Traffic ...	R. Greenall ...	Assistant Traffic Manager, 3rd Class.	Promoted to 2nd Class on a salary of Rs. 545-7-3 from 25th March to 17th April and Rs. 550 from 18th April 1899.	
Do. ...	Do. ...	Do. 2nd Class.	Acting in 1st Class on $\frac{Rs.\ 545\text{-}7\text{-}3 + 818\text{-}2\text{-}10}{2}$ = 681-13-0 from 25th March to 17th April 1899 and $\frac{Rs.\ 550 + 800}{2}$ = 675 from 18th to 23rd April 1899.	During Mr. Wilkieson's absence on furlough.
Do. ...	G. W. Giles ...	Do. 3rd Class.	Acting in 2nd Class on $\frac{Rs.\ 410\text{-}0\text{-}0 + 545\text{-}7\text{-}3}{2}$ = 477-11-7 from 25th March to 17th April 1899 and $\frac{Rs.\ 410 + 550}{2}$ = 480 from 18th to 23rd April 1899.	Do. *Vice* Mr. Greenall.
Do. ...	G. Wallington ...	Do. 2nd Class	Returned from furlough on 24th April 1899.	
Do. ...	Do. ...	Do. ...	Salary increased from Rs. 636 5-9 to Rs. 650 from 18th April 1899.	*Vide* Government of India letter No. 700 R. E., dated 18th April 1899, and G. O., No. 520 Ry., dated 3rd May 1899.
Do. ...	Do. ...	Do. ...	Acting in 1st Class from 24th April 1899 on $\frac{Rs.\ 650 + 800}{2}$ = 725 less Rs. 25 excess over the minimum pay of 1st Class.	During Mr. Wilkinson's absence on furlough.
Do. ...	E. R. Ross ...	Do. 3rd Class.	Acting in 2nd Class from 18th April 1899 on Rs. $\frac{454\text{-}8\text{-}8 + 650}{2}$ = 552-4-4 less Rs. 2-4-4 excess over the minimum pay of 2nd Class.	*Vice* Mr. Wallington acting for Mr. Wilkinson.
Do. ...	W. H. Bates ...	Goods Agent ...	Privilege leave for 1 month and 12 days from 8th May 1899.	*Vide* Agent and Manager's letter No. $\frac{11534}{712}$, dated 6th May 1899.
Do. ...	Do. ...	Do. ...	Personal allowance of Rs. 100 per mensem from 1st January 1899.	*Vide* G. O., No. 455 Ry., dated 21st April 1899; Government of India No. 610 R. E., dated 6th idem, and para. 7 of the Board's letter No. 988, dated 13th January 1899.
General Stores ...	J. Mitchell ...	General Storekeeper.	Salary increased from Rs. 500 to Rs. 550 from 19th May 1899.	*Vide* G. O., No. 309 Ry., dated 22nd February 1898.

SCHEDULE K.—*continued.*

Changes in Superior Staff.

Department.	Name of Officer.	Designation.	Nature of Change.	Remarks as to authority for change, allowances, passage money, &c.
Locomotive ...	A. Pilkington ...	Deputy Locomotive Superintendent.	Salary increased from Rs. 930 to Rs. 950 from 18th April 1899.	*Vide* G. I. No. 700 R. E. dated 18th April 1899, and G. O., No. 520 Ry., dated 3rd May 1899.
Do. ...	H. J. Stanley ...	1st Asst. Locomotive Superintendent.	Salary increased from Rs. 550 to Rs. 650 from 18th April 1899.	Do. do.
Do. ...	P. G. Porteous ...	2nd Asst. Locomotive Superintendent.	Salary increased from Rs. 400 to Rs. 450 from 18th April 1899.	Do. do.
Do. ...	Do. ...	Do. ...	Acting 1st Asst. Locomotive Superintendent on Rs. $\frac{450+650}{2}$ = Rs. 550 from 18th April 1899.	During Mr. Stanley's absence on furlough.
Audit ...	A. Corben ...	2nd Asst. Auditor ...	Salary increased from Rs. 550 to Rs. 650 from 18th April and to Rs. 700 from 22nd May 1899.	*Vide* G. I. No. 700 R. E. dated 18th April 1899, and G. O. No. 520 Ry., dated 3rd May 1899.
Do. ...	A. H. Francis ..	3rd Asst. Auditor ...	Salary increased from Rs. 400 to Rs. 450 from 18th April 1899.	Do. do.

SCHEDULE L.

Changes in Subordinate Staff.

Alteration in pay exceeding Rs. 200, new appointments exceeding Rs. 200, leave involving special outlay, passage money, &c.

Department.	Name of Officer.	Designation.	Nature of Change.	Remarks as to authority for change, allowances, passage money, &c.
Traffic ...	J. White ...	Station Master ...	Special allowance of Rs. 75 per mensem for 1 month and 12 days from 8th May 1899 while acting as Goods Agent at Salt Colaurs.	During Mr. Bates' absence on privilege leave. Similar allowance was granted in 1898. *Vide* Schedule L. of M. O. M. of 3rd June 1898.

A. EDWARDS,
for *Agent and Manager.*

P. ASHWORTH, Capt., R.E.,
for *Consulting Engineer for Railways.*

Appendix to the Minutes of Official Meeting and Stores Committee, No. 4, held on the 30th May 1899.

Statement showing the Location of Employés provided for in the proposed Establishment for the Half-year ending 31st December 1899.

MADRAS RAILWAY.

Engineering Department.

PARTICULARS.	1st District, S. W. Line.	Madras to Mallapuram including Bangalore Branch up to Puttah and K. G. F. Railway.	2nd District, S. W. Line.	Mettupalaiyam to Coimbatore and Pollachi Branches.	3rd District, N. W. Line.	Arkonam to Raichur.	Terminal Buildings.	Engineering Special Workshops.	Special Duty.	Relieving Officers.	Total.	Remarks.
District Establishment.												
District Engineers	1		1		1				...	...	3	
Assistant Engineers	1		1		1				...	3	7	
Sub-Assistant Engineers... ...	1		1		1		1		...	...	3	
Engineering Assistants	...		...		...		...		3	2	27	
Permanent Way Inspectors	8		7		7		1		1	...	4	
Probationary Inspectors... ...	1		1		1		...		...	...	10	
Sub-Inspectors...	3		3		3		1		1	1	21	
Inspectors' Assistants	7		6		6		1		1	...	1	
Bridge Inspector	...		...		...		...		...	...	1	
Commanded Inspector of Points, Crossings and Signals	...		...		...		...		...	...	1	
Superintendent of Engineering Workshops ...	...		...		...		...		...	...	1	
Book-keeper	...		...		...		...		...	...	1	
Clerks, Accountants, Inspectors' Writers, Timekeepers and Store Writers, &c. ...	20		17		18		4		...	1	76	
Store-keepers	1		1		1		1		17	...	3	
Peons and Lascars	4		4		5		3		2	...	18	
European and Native Watchmen	1		1		1		...		5	...	8	
4 Draftsmen.	...		...		...		...		...	...	...	

(Signed) JAMES M. EWING,
for *Chief Engineer.*

Madras Railway,
Chief Engineer's Office,
17th May 1899.

MADRAS-ENNUR RAILWAY.

Estimate for Maintenance.

Half-year ending 31st December 1899.

1st District, Ennur Branch, from Rayapuram to Ennur.

Miles maintained.	Departmentally.	By Contract.	Total.
	Ms.		Ms.
Main Line { Double ...	...	...	...
Main Line { Single ...	8¼	...	8¼
Sidings	2¼	...	2¼
		Total ...	10½

Head.	Description of Works.	Ordinary.	Extra-ordinary.
	Maintenance, Permanent Way.	Rs.	Rs.
II.	(1) *Wages*—		
	(a) 4 Gangs, Rs. 45 × 6 = ...		
	Lorrymen	1,080	...
	(b) Establishment, Rs. 175 × 6 = 1,050—84	...	...
	(2) *Materials*—	966	...
	Ballast, 2,500 C. yds., at Rs. 0-8-0 ...		
	Rails		
	Sleepers	1,250	...
		...	...
	Total, Head II ...	3,296	...
	Repairs, Wages and Materials.		
III.	(1) { Bridges and Culverts		
	(1) { Tunnels	100	...
	(2) { Earthwork	...	...
	(2) { Fences	100	...
	(2) { Roads and Level Crossings	...	...
	(2) { Miscellaneous	* 100	...
		100	...
	Total, Head III ...	400	...
	Repairs, Wages and Materials.		
IV.	(1) { Station Buildings, Yards, &c.		
	(1) { Signals, Gate Lodges, &c.	...	...
	(2) Staff Quarters	50	...
		100	...
	Total, Head IV ...	150	...
	Maintenance by Contract.		
V.	(1) Amount paid to Contractors	...	...
V.	(2) Materials supplied by the Company	...	...
	Total, Head V ...	...	...
VI.	**New Minor Works**	120	...
	Total, Head VI ...	120	...
	Unclassified Expenditure.		
VII.	(1) Plantations		
VII.	(2) Tools and Plant		
VII.	(3) Loss on Stores	50	...
VII.	(4) Loss by Exchange	...	...
VII.	(5) Carriage of Revenue Stores	...	...
		350	...
	Total, Head VII ...	400	...
	Grand Total ...	4,366	...

MADRAS RAILWAY,
CHIEF ENGINEER'S OFFICE,
17th *May* 1899.

(Signed) JAMES M. EWING,
for Chief Engineer.

REMARKS.

1 Gang consisting of—

No.		Rs. A. P.
1	Maistry at Rs. 19-0-0 ...	19 0 0
5	Coolies at ,, 7-0-0 ...	35 0 0
	(a) Total Rs. ...	45 0 0

Establishment.

	Rs. A. P.
1 Section Maistry	15 0 0
1 Blacksmith	17 0 0
1 Hammerman	8 0 0
1 Bellows Boy	5 0 0
1 Store Watchman	7 0 0
1 Staff Quarters Watchman	7 0 0
4 Line Watchmen at 8 0 0	32 0 0
4 Night Watchmen ,, 7 0 0	28 0 0
1 Butler and Cook	16 0 0
Repairs to turn-tables and water columns ...	5 0 0
1 Dhoby	1 0 0
1 Water Woman	4 0 0
1 Bricklayer	15 0 0
2 Coolies at 7 0 0	14 0 0
1 Station Watchman	7 0 0
(b) Total Rs. ...	175 0 0

(c) Increase on account of 4 Night Watchmen to meet the requirements of the north-east monsoon for three months only.

MADRAS RAILWAY.

Estimate for Maintenance.

Half-year ending 31st December 1899.

1st District, South-West Line, from Madras to Mallapuram, including Bangalore Branch, Kolar Gold Fields Railway, and Arcot-Ranipet Branch.

Miles maintained.	Departmentally.	By Contract.	Total.
Main Line { Double	Ms. Ch. Ft.		Ms.
Main Line { Single (including K. G. F. Ry. and Arcot-Ranipet Branch) ...	42 32 34½ × 2	...	84½
Sidings (including K. G. F. Ry. and Arcot-Ranipet Branch)	211½	...	211½
	69½	...	69½
		Total ...	395½

Head.	Description of Works.	Ordinary.	Extraordinary.
	Maintenance, Permanent Way.	Rs.	Rs.
II.	(1) *Wages*— (a) 128 Gangs, Rs. 6,293-1-0 × 6	37,758	(e) 1,968
	Lorrymen	...	...
	(b) Establishment, Rs. 3,413-8-0 × 6	20,481	(f) 2,100
	(d) 4 Gangs, Day and Night Watchmen	1,575	...
	(2) *Materials*— Ballast, C. yds. 17,778, at Rs. 0-4-6	5,000	(e) 10,000
	Rails	17,416	...
	Sleepers	28,319	(f) 2,100
	General Stores Labour Charges	1,509	...
	Total, Head II ...	1,12,148	16,168
	Repairs, Wages and Materials.		
III.	(1) { Bridges and Culverts	2,400	(f) 3,550
	{ Tunnels	...	...
	{ Earthwork	2,400	...
	(2) { Fences	(f) 9,280	...
	{ Roads and Level Crossings	1,500	...
	{ Miscellaneous	3,500	(f) 1,450
	Total, Head III ...	19,080	5,000
	Repairs, Wages and Materials.		
IV.	(1) { Station Buildings, Yards, &c.	(g) 20,800	(f) 14,100
	{ Signals, Gate Lodges, &c.	500	...
	(2) Staff Quarters	6,000	(f) 900
	Total, Head IV ...	27,300	15,000
	Maintenance by Contract.		
V.	(1) Amount paid to Contractors	...	...
	(2) Materials supplied by the Company	...	...
	Total, Head V ...	...	...
VI.	**New Minor Works**	(h) 3,717	...
	Total, Head VI ...	3,717	...
	Unclassified Expenditure.		
VII.	(1) Plantations	420	...
	(2) Tools and Plant	1,500	...
	(3) Loss on Stores	(k) 10,100	...
	(4) Loss by Exchange	35,400	...
	(5) Carriage of Revenue Stores	11,400	...
	Total, Head VII ...	58,820	...
	Grand Total ...	2,21,065	36,168

MADRAS RAILWAY,
CHIEF ENGINEER'S OFFICE,
17th May 1899.

(Signed) JAMES M. EWING,
for Chief Engineer.

REMARKS.

128 Gangs employed on District No. 1 consists of—

		Rs.	A.	P.	Rs.	A.	P.
65 Maistries at Rs. 12		780	0	0			
36 12/16 Coolies	,, ,, 5	1,929	1	0			
142 Do.	,, ,, 6	852	0	0			
1 Maistry	,, ,, 12	12	0	0			
1 Do.	,, ,, 11	11	0	0			
59 Maistries	,, ,, 10	590	0	0			
5 Hd. Coolies	,, ,, 6	24	0	0			
1 Hd. Cooly	,, ,, 7	7	0	0			
104 Coolies	,, ,, 6	624	0	0			
216 Do.	,, ,, 5	1,080	0	0			
					5,739	1	0
Required for Pettah Sidings.							
1 Maistry at Rs. 12 ...		12	0	0			
6 Coolies	,, ,, 7 ...	42	0	0			
					54	0	0
Additional for extra purposes, if any.							
2 Maistries at Rs. 10 ...		20	0	0			
12 Coolies	,, ,, 5 ...	60	0	0			
					80	0	0
For K. G. F. Railway.							
6 Maistries at Rs. 10 ...		60	0	0			
48 Coolies	,, ,, 7-8 ...	360	0	0			
					420	0	0
(a) 128 Gangs per month ...					6,293	1	0

Establishment.

			Rs.	A.	P.
1 Section Maistry	at	...	30	0	0
1 Do. do.	,,	...	23	0	0
1 Do. do.	,,	...	22	8	0
2 Do. do.	,,	20 0 0	40	0	0
1 Do. do.	,,	...	17	8	0
1 Do. do.	,,	...	17	0	0
3 Do. do.	,,	15 0 0	45	0	0
6 Carpenters	,,	19 0 0	114	0	0
7 Do.	,,	17 0 0	119	0	0
7 Blacksmiths	,,	17 0 0	119	0	0
2 Do.	,,	21 0 0	42	0	0
1 Do.	,,	...	20	0	0
3 Do.	,,	19 0 0	57	0	0
2 Hammermen	,,	9 8 0	19	0	0
4 Do.	,,	8 0 0	32	0	0
7 Do.	,,	6 0 0	42	0	0
13 Bellows Boys	,,	5 0 0	65	0	0
1 Tinker	,,	...	22	0	0
1 Do.	,,	...	17	0	0
1 Painter	,,	...	20	0	0
1 Do.	,,	...	17	0	0
4 Engineer's Lascars	,,	7 0 0	28	0	0
3 Store Lascars	,,	7 0 0	21	0	0
18 Do. Watchmen	,,	7 0 0	126	0	0
1 Do. do.	,,	...	8	0	0
11 Do. Coolies	,,	5 0 0	55	0	0
118 Line Watchmen	,,	7 0 0	826	0	0
5 Do. do.	,,	7 8 0	37	8	0
65 Do. do.	,,	6 0 0	390	0	0
8 Bridge do.	,,	7 0 0	56	0	0
2 Patrolling Watchmen	,,	20 0 0	40	0	0
Proportional amount of wages of Arkonam Depôt Staff		...	40	0	0
Repairs to turn-tables, weigh bridges, &c.		...	280	0	0
Acting allowance for extra men in case of sickness		...	20	0	0
Loading and unloading materials		...	15	0	0
3 Staff Bungalow Watchmen at Rs. 7		...	21	0	0
1 Do. Maty, Arkonam		...	8	0	0
1 Do. Butler at Bangalore Cant.		...	12	0	0
1 Do. Maty		...	7	0	0
1 Do. Cook		...	10	0	0
1 Do. Dhoby		...	2	0	0
(i) 73 Night Watchmen at Rs. 7		...	511	0	0
		(b) Total Rs. ...	3,413	8	0

For laying 30 ft. Bull-headed rails.

		Rs.	A.	P.	Rs.	A.	P.
2 Maistries	at	12	0	0	24	0	0
44 Coolies	,,	6	8	0	286	0	0
1 Blacksmith					13	0	0
1 Bellows Boy					5	0	0
					328	0	0
		(c) Total Rs. 328	0	0			

328 × 6 = 1,968

Arcot-Ranipet Branch.

4 Maistries	at	10 0 0	40 0 0	}	232 × 6 =
40 Coolies	,,	5 0 0	200 0 0		1,512 0 0
2 Line Watchmen	,,	6 0 0	12 0 0		for 3 months
3 Night Watchmen	,,	7 0 0	21 0 0		63 0 0
					(d) 1,575 0 0

(e) Covering sand ballast with broken stones on the Bangalore Branch ... ... Rs. 10,000 0 0
(f) Provision for Revenue portion of estimates for sanctioned works ... ... Rs. 24,200 6 0
(This sum, Rs. 24,200, includes Rs. 2,400 required by the Engineer, Terminal Buildings, for sanctioned works.)
(g) Includes repairs to Terminal Buildings ... ... Rs. 12,000 0 0
(h) Includes Rs. 150 for K. G. F. Railway.
(i) Provision for 73 Night Watchmen to meet the requirements of the north-east monsoon ... ... Rs. 7,007 0 0
(k) Includes value of fencing materials for 4 miles ... ... Rs. 6,386 0 0
(l) Includes anticipated loss on sale of stores in stock on 30th June 1899 ... ... Rs. 10,000 0 0

MADRAS RAILWAY.

Estimate for Maintenance,

Half-year ending 31st December 1899.

2nd District, South-West Line, from Mallapuram to Calicut, including Nilgiri and Palghat Branches.

Miles maintained.	Departmentally.	By Contract.	Total.
	Ms.		Ms.
Main Line ... { Double ...	...	...	...
{ Single ...	260¼	...	260¼
Sidings	36¾	...	36¾
		Total ...	297¼

Head.	Description of Works.	Ordinary.	Extra-ordinary.
	Maintenance, Permanent Way.	Rs.	Rs.
II.	(1) *Wages*—		
	(a) 97 Gangs, Rs. 4,772 × 6 ...		
	Lorrymen	28,632	...
	(b) Establishment, Rs. 2,321 × 6	...	...
	(2) *Materials*—	13,926	(c) 400
	Ballast, 8,000 C. yds., at 4 annas ...		
	Rails, Steel, 20 ft....		
	Sleepers	2,000	(d) 5,000
	General Stores Labor	7,458	...
		7,000	(e) 350
		1,319	...
	Total, Head II ...	60,235	5,750
	Repairs, Wages and Materials.		
III.	(1) { Bridges and Culverts		
	{ Tunnels	3,500	...
	{ Earthwork	...	...
	(2) { Fences	1,500	...
	{ Roads and Level Crossings	(g) 7,210	...
	{ Miscellaneous	1,450	(c) 1,500
		2,800	...
	Total, Head III ...	16,460	1,500
	Repairs, Wages and Materials.		
IV.	(1) { Station Buildings, Yards, &c.	6,500	1,500
	{ Signals, Gate Lodges, &c.	600	20
	(2) Staff Quarters	2,300	31
	Total, Head IV ...	11,400	(c) 1,551
	Maintenance by Contract.		
V.	(1) Amount paid to Contractors	...	...
	(2) Materials supplied by the Company	...	...
	Total, Head V ...	...	...
VI.	**New Minor Works**	3,443	...
	Total, Head VI ...	3,443	...
	Unclassified Expenditure.		
VII.	(1) Plantations ...	600	...
	(2) Tools and Plant	1,000	...
	(3) Loss on Stores	(h) 5,100	...
	(4) Loss by Exchange	5,782	...
	(5) Carriage of Revenue Stores	5,000	...
	Total, Head VII ...	17,482	...
	Grand Total ...	1,09,025	8,801

MADRAS RAILWAY,
CHIEF ENGINEER'S OFFICE,
17th *May* 1899

(Signed) JAMES M. EWING,
for Chief Engineer.

REMARKS.

Gangs.

		Rs.	A.	P.		Rs.	A.	P.
1	Gang Maistry	at 13	0	0	...	13	0	0
57	Do.	,, 12	0	0	...	684	0	0
2	Do.	,, 11	0	0	...	22	0	0
17	Do.	,, 10	0	0	...	170	0	0
20	Do.	,, 9	0	0	...	180	0	0
396	Gang Coolies	,, 6	0	0	...	2,376	0	0
228	Do.	,, 5	0	0	...	1,140	0	0
24	Head Coolies	,, 5	8	0	...	187	0	0
					(a) Total Rs.	4,772	0	0

Establishment.

		Rs.	A.	P.		Rs.	A.	P.
2	Section Maistries	at 20	0	0	... ...	40	0	0
1	Do.	,,	...		... ...	19	0	0
2	Do.	,,	...		... ...	18	0	0
1	Do.	,, 17	0	0	... ...	34	0	0
1	Carpenter	,,	...		... ...	15	0	0
3	Carpenters	,,			... ...	22	0	0
3	Do.	,, 16	8	0	... ...	49	8	0
2	Do.	,, 15	0	0	... ...	45	0	0
1	Blacksmith	,, 14	0	0	... ...	28	0	0
6	Blacksmiths	,,	...		... ...	20	0	0
1	Blacksmith	,, 15	0	0	... ...	50	0	0
7	Hammermen	,,	...		... ...	16	8	0
5	Bellows Boys	,, 7	0	0	... ...	49	0	0
4	Do.	,, 4	0	0	... ...	28	0	0
1	Tinker	,, 3	8	0	... ...	14	0	0
1	Do.	,,	...		... ...	16	0	0
1	Painter	,,	...		... ...	17	8	0
1	Do.	,,	...		... ...	18	8	0
4	Engineer's Lascars	,,	...		... ...	15	0	0
6	Store Lascars	,, 7	0	0	... ...	28	0	0
9	Do. Watchmen	,, 7	0	0	... ...	42	0	0
(f) 74	Night do.	,, 6	0	0	... ...	54	0	0
2	Staff Bungalow Peons	,, 10	0	0	... ...	444	0	0
95	Line Watchmen	,, 6	0	0	... ...	28	0	0
1	Do. do.	,,	...		... ...	570	0	0
62	Do. do.	,, 5	0	0	... ...	7	0	0
1	Bridge do.	,, 6	0	0	... ...	7	0	0
2	Do. do.	,,	...		... ...	310	0	0
Proportional amount of wages of Arkonam Depôt Staff						12	0	0
Repairs to turn-tables, weigh bridges, &c.						46	0	0
Acting allowance for extra men in case of sickness						200	0	0
Loading and unloading materials						20	0	0
						29	0	0
					(b) Total Rs.	2,321	0	0

(c) Provision made for the revenue portion of the estimates for the sanctioned works, Rs. 2,301.

(d) Cost of reserve stone ballast ordered by Chief Engineer, Rs. 5,000.

(e) Provision for general repairs to roads in compounds ordered by Chief Engineer, Rs. 1,500.

(f) Additional provision made for 71 Night Watchmen to meet the requirements of the north-east and south-west monsoons, Rs. 2,556.

(g) Includes value of new fencing materials, Rs. 4,710.

(h) Includes anticipated loss on sale of stores in stock on 30th June 1899, Rs. 5,000.

NILGIRI RAILWAY.

Estimate for Maintenance.

Half-year ending 31st December 1899.

2nd District, South-West Line, from Mettupalaiyam to Coonoor.

Miles maintained.	Departmentally. Ms.	Ch.	Ft.	By Contract.	Total. Ms.	Ch.	Ft.
Main Line { Double ...	...	...	...	...	...	...	...
Main Line { Single ...	16	28	40	...	16	28	40
Sidings	1	65	25	...	1	65	25
				Total ...	18	13	65

Head.	Description of Works.	Ordinary. Rs.	Extraordinary. Rs.
	Maintenance, Permanent Way.		
II.	(1) *Wages*—		
	(a) 10 Gangs at Rs. 75 × 6	4,500	...
	4 Lorrymen at Rs. 10 × 6...	240	...
	(b) Establishment, Rs. 429 12 × 6	(c) 2,759	...
	(2) *Materials*—		
	Ballast (2,000 C. yds. at Rs. 1 per yard)		
	Rails	2,000	...
	Sleepers	(c) 2,000	...
	Total, Head II ...	11,499	...
	Repairs, Wages and Materials.		
III.	(1) { Bridges and Culverts	300	...
	(1) { Tunnels	150	...
	(2) { Earthwork	300	(d) 5,000
	(2) { Fences	...	...
	(2) { Roads and Level Crossings	100	...
	(2) { Miscellaneous	...	...
	Total, Head III ...	850	5,000
	Repairs, Wages and Materials.		
IV.	(1) { Station Buildings, Yards, &c.	150	...
IV.	(1) { Signals, Gate Lodges, &c.	100	...
IV.	(2) Staff Quarters	(f) 800	...
	Total, Head IV ...	1,050	...
	Maintenance by Contract.		
V.	(1) Amount paid to Contractors...	...	...
V.	(2) Materials supplied by the Company	...	...
	Total, Head V ...	...	...
VI.	**New Minor Works**	...	...
	Total, Head VI ...	...	...
	Unclassified Expenditure.		
VII.	(1) Plantations	...	...
VII.	(2) Tools and Plant	300	...
VII.	(3) Loss on Stores	...	...
VII.	(4) Loss by Exchange	...	...
VII.	(5) Carriage of Revenue Stores	200	...
	Total, Head VII ...	500	...
	Grand Total ...	13,899	5,000

MADRAS RAILWAY,
CHIEF ENGINEER'S OFFICE,
17th *May* 1899.

Signed) JAMES M. EWING,
for Chief Engineer.

REMARKS.

1 Gang consisting of—

No.		Rs. A. P.
1	Maistry	15 0 0
6	Coolies at Rs. 10-0-0 ...	60 0 0
	(a) Total Rs.	75 0 0

Establishment.

			Rs. A. P.
1	Masonry Maistry	at	...
2	Bricklayers	„ 20 0 0	30 0 0
1	Carpenter Maistry	„	43 0 0
3	Carpenters	„ 20 0 0	35 0 0
1	Blacksmith Maistry	„	60 0 0
2	Blacksmiths	„ 20 0 0	55 0 0
3	Hammermen	„ 11 4 0	40 0 0
3	Bellows' Boys	„ 6 0 0	33 12 0
2	Engineer's Lascars	„ 9 0 0	18 0 0
4	Store Coolies	„ 10 0 0	40 0 0
11	Line Watchmen	„ 10 0 0	110 0 0
			(b) Total ... 429 12 0

(c) Provision for renewal of 500 sleepers in length between Kullar and Mettupalaiyam.

(d) Provision for removing slips during north-east monsoon, Rs. 5,000.

(e) Decrease owing to provision made for 2 Engineer's Peons instead of 4 men at Rs. 9 per each, Rs. 108.

(f) Includes Rs. 360 for rent of Office building for six months at Rs. 60.

MADRAS RAILWAY.

Estimate for Maintenance.

Half-year ending 31st December 1899.

3rd District, North-West Line, from Arkonam to Raichur.

Miles maintained.	Departmentally.	By Contract.	Total.
	Ms.		Ms.
Main Line. { Double ...	...	...	...
{ Single ..	308½	...	308½
Sidings	40½	...	40½
		Total ...	348½

Head.	Description of Works.	Ordinary.	Extra-ordinary.
	Maintenance, Permanent Way.	Rs.	Rs.
II.	(1) *Wages*—		
	(a) { 60 Gangs at Rs. 47-0-0 × 6 = Rs. 16,920-0-0 } { 54 Do. at „ 53-8-0 × 6 = „ 17,334-0-0 }	34,254	(c) 1,000
	Temporary Night Watchmen 60, at Rs. 6-0-0 × 3 months ...	1,080	
	(d) Do. do. 56, at „ 6-0-0 × 2 „	672	
	(b) Establishment, Rs. 2,257 × 6	13,542	
	(2) *Materials*—		
	Ballast, C. yds. 42,000, at 4 annas	10,500	(c) 15,000
	Rails	8,000	...
	Sleepers	15,000	...
	General Stores Labor	1,432	...
	Total, Head II ...	84,480	16,000
	Repairs, Wages and Materials.		
III.	(1) { Bridges and Culverts { Tunnels	7,000	(e) 6,700
	{ Earthwork	...	...
	(2) { Fences	4,100	...
	{ Roads and Level Crossings	(f) 9,360	...
	{ Miscellaneous	800	(e) 1,200
		1,450	...
	Total, Head III ...	22,710	7,900
	Repairs, Wages and Materials.		
IV.	{ (1) { Station Buildings, Yards, &c.	9,275	(e) 6,500
	{ { Signals, Gate Lodges, &c.	365	...
	{ (2) Staff Quarters	6,000	(e) 2,900
	Total, Head IV ...	15,640	9,400
	Maintenance by Contract.		
V.	{ (1) Amount paid to Contractors	...	...
	{ (2) Materials supplied by the Company	...	...
	Total, Head V ...	...	...
VI.	**New Minor Works**	4,070	...
	Total, Head VI ...	4,070	...
	Unclassified Expenditure.		
VII.	(1) Plantations	525	
	(2) Tools and Plant	1,450	
	(3) Loss on Stores	(g) 5,150	
	(4) Loss by Exchange	6,829	
	(5) Carriage of Revenue Stores	12,582	
	Total, Head VII ...	26,536	
	Grand Total ...	1,53,436	33,300

MADRAS RAILWAY,
CHIEF ENGINEER'S OFFICE
17th *May* 1899.

(Signed) JAMES M. EWING,
for Chief Engineer.

REMARKS.

1 Gang consisting of—

No.		Rs.	A.	P.	
1	Maistry at	12	0	0	Maximum Pay, Rs. 15.
1	Do. „	11	8	0	
7	Coolies „ Rs. 5-0-0	35	0	0	
8	Do. „ „ 5-4-0	42	0	0	
	(a) Total Rs. ...	100	8	0	

Establishment.

		Rs.	A.	P.		Rs.	A.	P.
1	Section Maistry at	...			...	...		
5	Do. „	25	0	0	...	23	0	0
2	Do. „	18	0	0	...	100	0	0
8	Carpenters „	23	0	0	...	36	0	0
1	Carpenter „	...			...	100	0	0
1	Blacksmith „	...			...	18	0	0
1	Do. „	...			...	24	0	0
5	Do. „	29	0	0	...	21	0	0
2	Do. „	18	0	0	...	100	0	0
5	Hammermen „	8	0	0	...	36	0	0
4	Do. „	7	0	0	...	40	0	0
9	Bellows Boys „	5	0	0	...	28	0	0
2	Tinkers „	20	0	0	...	45	0	0
1	Painter „	...			...	40	0	0
1	Do. „	...			...	22	0	0
4	Engineer's Lascars „	7	0	0	...	18	0	0
1	Store Watchman „	...			...	28	0	0
11	Do. do. „	...			...	8	0	0
3	Do. Coolies „	6	0	0	...	77	0	0
1	Do. do. „	...			...	18	0	0
2	Do. do. „	...			...	7	0	0
1	Staff Bungalow Peon at	8	0	0	...	16	0	0
1	Do. do. „	...			...	7	0	0
70	Line Watchmen „	7	0	0	...	6	0	0
60	Do. do. „	6	8	0	...	400	0	0
80	Do. do. „	6	0	0	...	390	0	0
9	Bridge do. „	7	0	0	...	180	0	0
					...	63	0	0

Proportional amount of wages of Arkonam Depôt Staff	...	41	0 0
Repairs to turn-tables and weigh bridges	...	170	0 0
Acting allowance for extra men in case of sickness	...	30	0 0
Loading and unloading materials ...	...	15	0 0
(b) Total ...		2,257	0 0

		Rs.	A.	P.
(c) Covering sand ballast with broken stones between Arkonam and Raichur ...	...	15,000	0	0
(d) Additional provision made for 116 Night Watchmen to meet the requirements of the north-east and south-west monsoons ...	...	1,416	0	0
(e) Revenue portion of the estimate for sanctioned works...		13,900	0	0
(f) Includes value of fencing materials ...	...	4,710	0	0
(g) Includes anticipated loss on sale of stores in stock on 30th June 1899	...	5,000	0	0

MADRAS RAILWAY.

Abstract of Estimates for Maintenance.

Half-year ending 31st December 1899.

HEADS OF CHARGES.	1st District, S. W. Line. Madras to Mullapuram including Bangalore Branch and K. G. F. Railway and Arcot-Ranipet Branch. 241¼ Miles (Single.) 43¾ „ (Double.) 69¾ „ (Sidings.) 395¾ Miles.		2nd District, S. W. Line. Mullapuram to Calicut including Nilgiri and Palghat Branches. 260¾ Miles (Single.) 36¾ „ (Sidings.) 297½ Miles.		3rd District, N. W. Line. Arkonam to Raichur. 308¾ Miles (Single.) 40¾ „ (Sidings.) 348¾ Miles.		TOTAL. 805¼ Miles (Single.) 146¼ „ (Sidings.) 1,041½ Miles.	
	Amount.	Per Mile.	Amount.	Per Mile.	Amount.	Per Mile.	Amount.	Per Mile.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Head No. II. { Ordinary / Extraordinary	1,12,148	284	60,295	203	84,480	242	2,56,863	246
Head No. III. { Ordinary / Extraordinary	16,168	41	5,750	19	16,600	47	38,518	37
Head No. IV. { Ordinary / Extraordinary	19,080	48	16,460	55	22,710	65	58,250	56
	5,000	13	1,500	5	7,900	23	14,400	14
Head No. V. { Ordinary / Extraordinary	27,300	69	11,400	38	15,640	45	54,340	52
	15,000	38	1,551	5	9,400	27	25,951	25
Head No. VI. Ordinary	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...
Head No. VII. { Ordinary / Extraordinary	3,717	9	3,448	12	4,070	12	11,235	11
	58,820	149	17,482	59	26,536	76	1,02,838	99
Total ...	2,57,233	651	1,17,826	396	1,87,336	537	5,62,395	540

MADRAS RAILWAY,
CHIEF ENGINEER'S OFFICE,
17th May 1899.

(Signed) JAMES M. EWING,
for Chief Engineer.

MADRAS RAILWAY.

Traffic Department.

Establishment List for the half-year ending 31st December 1899.

STATIONS.	Station Masters, Junction Superintendents and Traffic Inspectors.		Goods Clerks.		Coaching Clerks and Ticket Collectors.		Shunting Masters, No. Takers, Baggage, Luggage and Platform Constables.		Pointsmen, Peons, Signalmen, Porters, Markers, Waiting Room Attendants, Guards' Cooks, Watermen, Mussalchees and Gardeners.		Gatemen.		Total Regular Staff at full pay.		Telegraph Inspectors, Signallers, Clerks and Peons.		REMARKS.
1st and 2nd Divisions, South-West Line.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.	
Madras	1	225	...	...	...	...	...	...	...	...	...	...					
Under Rupees 100 ...	3	100	...	...	22	688	7	200	74	565	19	135	126	1,864	28	858	
Rayapuram	1	110	...	...	...	...	...	...	...	...	...	...					
Under Rupees 100 ...	1	30	4	80	4	88	2	50	26	175	5	28	43	561	3	90	
* Washermenpet	2	63	...	...	4	76	...	...	9	54	4	25	19	218	...	...	
Veysarpaudy	1	20	...	...	...	...	...	...	...	...	...	...	1	20	...	...	
Salt Cotaurs	...	...	...	...	...	...	...	...	...	...	...	...					
Under Rupees 100 ...	8	202	2	†635	...	...	...	...	...	...	...	...					
			63	1,690			3	53	141	1,162	...	...	217	3,742	2	45	† Includes Personal allowance, Rs. 100, sanctioned in G. of I. No. 610 R. E., dated 6th April 1899, and M. G. O., No. 455 Ry., dated 21st April 1899.
Perambur	2	120	1	20	5	130	...	...	13	113	7	44	28	427	2	50	
* Villivakkam	1	30	...	...	...	...	...	...	5	44	...	...	6	74	...	...	
Ambattur	1	40	...	...	...	...	...	...	6	50	...	...	7	90	...	...	
* Avadi	1	80	...	...	1	18	...	...	7	56	1	6	10	160	...	...	
* Tinnanur	1	40	...	...	...	...	...	...	6	50	1	6	8	96	...	...	
* Sevvapet Road	1	30	...	...	...	...	...	...	5	43	...	...	6	73	...	...	
* Trivellore	1	60	...	...	2	38	...	...	11	85	1	6	15	189	...	...	
* Kadambattur	1	30	...	...	...	...	...	...	6	50	...	...	7	80	...	...	
* Manur	1	20	...	...	...	...	...	...	2	13	...	...	3	32	...	...	
* Chinnamapett	1	35	...	...	...	...	...	...	6	50	...	...	7	85	...	...	
Mosur	1	20	...	...	...	...	...	...	1	6	...	...	2	26	...	...	
Arkonam	1	200	...	...	...	...	...	...	...	...	...	...					
Under Rupees 100 ...	2	140	3	90	9	182	6	180	64	476	2	11	87	1,279	10	405	
* Mannal	2	55	...	...	...	...	...	...	4	27	...	...	6	82	...	...	
* Sholinghur	2	70	...	...	...	...	...	...	7	44	...	...	9	114	...	...	
Carried over ...	36	1,720	73	2,515	47	1,170	18	483	393	3,052	40	262	607	9,212	45	1,448	

MADRAS RAILWAY.

Traffic Department.

Establishment List for the half-year ending 31st December 1899—continued.

STATIONS.	Station Masters, Junction Superintendents and Traffic Inspectors.	Goods Clerks.	Booking Clerks and Travelling Inspectors.	Booking Clerks, No. Takers, Ticket Collectors, Signallers, Watchmen, Gatemen, Watchmen, Porters, Waiting Room Attendants, Guards, Coolies, Carriage Cleaners, Lamplighters, Sweepers, Messengers, Peons, Punkah Pullers, Bearers, Cooks, Sweepers, Sanitary Inspectors, Sanitary Peons, Dhobies, Barbers, Sweepers, Sanitary Inspectors, Sanitary Peons, Dhobies, Barbers.	Gatemen.	Total Regular Staff at full pay.	Telegraph Inspectors, Signallers, Clerks and Peons.	REMARKS.
1st and 2nd Divisions, South West Line.	No. Amount.	No. Amount.	No. Amount.	No. Amount.	No. Amount.	No. Amount.	No. Amount.	
Tadagal	36 1,790	73 2,415	47 1,170	18 453	203 3,062	40 262	Rs. 607 9,312	Rs. 45 1,448
Bauglur	3 100	1 35	1 25	20	1 23	— —	2 26	— —
* Hirehalli	1 46	1 25	1 20	— —	1 23	— —	2 26	— —
* Kadlipet	2 68	— —	— —	— —	1 23	— —	2 26	— —
Kolgodi	2 68	— —	— —	— —	1 23	— —	2 26	— —
Bangalore City ...	Under Rupees 100 1 160	4 160	11 250	5 125	80 1	— —	— —	— —
Lalbagh	1 15	— —	— —	— —	4 —	— —	— —	— —
* Vijayapura	2 55	— —	— —	— —	1 —	— —	— —	— —
Kavoor	1 20	— —	— —	— —	1 —	— —	— —	— —
* Chikjajur	2 150	— —	1 30	— —	1 —	— —	— —	— —
* Yelahanka	1 30	— —	— —	— —	12 —	— —	— —	— —
* Malgaral	2 68	— —	— —	— —	4 —	— —	— —	— —
Yelahanka	1 74	— —	— —	— —	7 —	— —	— —	— —
Vinnamangalam ...	— —	— —	— —	— —	1 —	— —	— —	— —
* Vanjaramakal ...	1 30	— —	— —	— —	9 —	— —	— —	— —
* Kattamangalal ...	2 82	— —	1 30	— —	2 —	— —	— —	— —
Jalarpet	1 225	— —	— —	— —	14 —	— —	— —	— —
	Under Rupees 100 2 150	3 90	10 120	6 120	20 —	— —	— —	— —
* Pachur	2 28	— —	— —	— —	4 —	— —	— —	— —
* Malavur	2 60	— —	— —	— —	7 —	— —	— —	— —
* Kappan	2 75	— —	— —	— —	9 —	— —	— —	— —
* Chetpalli	2 55	— —	— —	— —	9 —	— —	— —	— —
* Mounatan	2 52	— —	— —	— —	5 —	— —	— —	— —
* Kommasandram ...	2 —	— —	— —	— —	4 —	— —	— —	— —
Bowringpet	1 150	— —	— —	— —	1 —	— —	— —	— —
	Under Rupees 100 1 28	6 138	4 85	3 70	40 —	— —	— —	— —
* Tyagal	2 60	— —	— —	— —	2 —	— —	— —	— —
* Malur	2 78	— —	— —	— —	2 —	— —	— —	— —
* Lavanahalli ...	1 20	— —	— —	— —	7 —	— —	— —	— —
* Whitefield	2 70	— —	— —	— —	4 —	— —	— —	— —
* Kadamenjipuram ...	2 60	— —	— —	— —	2 —	— —	— —	— —
Bangalore Cantonment	1 160	— —	— —	— —	5 —	— —	— —	— —
	Under Rupees 100 1 70	7 190	7 185	3 70	40 —	— —	— —	— —
Bangalore City ...	1 160	— —	— —	— —	2 —	— —	— —	— —
	Under Rupees 100 2 150	13 300	15 305	9 200	97 —	— —	— —	— —
* Tyrupatur	2 90	— —	1 20	— —	11 —	— —	— —	— —
* Kaypenkuru	1 30	— —	— —	— —	4 —	— —	— —	— —
* Kunhatti	2 62	— —	— —	— —	4 —	— —	— —	— —
* Kaliyel	2 75	— —	— —	— —	6 —	— —	— —	— —
* Mavoppur	2 78	— —	— —	— —	5 —	— —	— —	— —
* Bettiredipatti ...	1 30	— —	— —	— —	6 —	— —	— —	— —
* Mathapuram	2 62	— —	— —	— —	4 —	— —	— —	— —
* Lakur	2 55	— —	— —	— —	4 —	— —	— —	— —
* Kadiampatti	1 30	— —	— —	— —	3 —	— —	— —	— —
* Thimmapatti	2 25	— —	— —	— —	3 —	— —	— —	— —
Salem	1 140	Under Rupees 100 — —	— —	— —	6 —	— —	— —	— —
* Ariyanur	1 70	5 120	6 118	2 75	32 —	— —	— —	— —
* McDonald's Choultry ...	2 55	— —	— —	— —	2 —	— —	— —	— —
* Sankaridrug	2 88	— —	— —	— —	2 —	— —	— —	— —
Asangur	1 16	— —	— —	— —	8 —	— —	— —	— —
* Canvery	1 20	— —	— —	— —	1 —	— —	— —	— —
Erode	— —	— —	— —	— —	3 —	— —	— —	— —
	Under Rupees 100 1 105	4 125	4 90	2 60	62 —	— —	— —	— —
Tottapalayam ...	1 30	— —	— —	— —	1 —	— —	— —	— —
* Perundurai	2 68	— —	— —	— —	6 —	— —	— —	— —
Ingur	1 15	— —	— —	— —	2 —	— —	— —	— —
Carried over ...	123 5,672	117 3,738	168 2,629	49 1,318	1,053 —	— —	76 —	2,615

MADRAS RAILWAY.

Traffic Department.

Establishment List for the half-year ending 31st December 1899—continued.

STATIONS.	Station Masters, Junction Superintendents and Traffic Inspectors.		Goods Clerks.		Coaching Clerks and Ticket Collectors.		Shunting Masters, No. Takers, Baggage, Luggage and Platform Constables.		Pointsmen, Peons, Signalmen, Porters, Markers, Waiting Room Attendants, Guards' Cooks, Watermen, Mussalchees and Gardeners.		Gatemen.		Total Regular Staff at full pay.		Telegraph Inspectors, Signallers, Clerks and Peons.		REMARKS.
1st and 2nd Divisions, South-West Line.	No.	Amount.	No.	Amount.	No	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.	
Brought forward ...	123	5,672	117	3,738	168	2,629	49	1,318	1,053	7,784	55	348	1,505	27,489	76	2,615	
* Vizianagaram	2	55	...	...	...	...	...	...	4	26	...	...	6	81	...	...	
* Uttukuli	2	60	...	...	...	...	...	...	5	32	...	...	7	92	...	...	
Kulipalaiyam	1	20	...	...	...	...	...	...	1	6	...	...	2	26	...	...	
* Tiruppur	2	83	1	23	1	20	...	...	16	103	...	...	20	229	...	...	
* Mangalam	2	65	...	...	...	...	...	...	4	25	2	11	8	101	...	...	
* Somanur	2	60	...	...	...	...	...	...	5	33	2	11	9	104	...	...	
Dharapuram Out-Agency ...	...	...	1	40	...	...	...	...	1	6	...	...	2	46	...	...	
* Sulur	2	55	...	...	...	...	...	...	4	26	...	...	6	81	...	...	
* Singanallur	2	38	...	...	...	...	...	...	3	18	2	11	7	67	...	...	
Podanur	1	155	...	...	...	...	...	...	...	...	...	...	63	939	7	268	
Under Rupees 100 ...	2	140	2	60	7	115	4	140	45	319	2	10					
Coimbatore	1	110	...	...	...	...	...	...	...	...	...	...	28	512	1	50	
Under Rupees 100 ...	1	28	2	75	5	115	...	...	25	162	4	22					
* Tadiyalur	1	40	...	...	...	...	...	...	...	...	...	...	5	66	...	...	
Periyanaikanpalaiyam ...	1	20	...	...	...	...	...	...	4	26	...	...	3	32	...	...	
* Karumadai	1	40	...	...	...	...	...	...	2	12	...	...	8	83	...	...	
Mettupalaiyam	1	120	...	...	...	...	...	...	4	26	3	17	35	467	2	78	
Under Rupees 100 ...	...	...	2	70	3	72	1	25	26	170	...	10					
* Madukarai	1	30	...	...	...	...	...	...	4	25	2	...	5	55	...	...	
* Walayar	2	55	...	...	...	...	...	...	4	26	1	6	7	87	...	...	
* Kanyikod	1	40	...	...	...	...	...	...	5	32	1	6	7	78	...	...	
Olavakkot	2	85	...	...	3	50	2	40	30	154	2	14	39	343	2	70	
* Palghat	1	100	3	90	2	40	...	...	22	144	1	6	29	380	...	...	
* Pacli	1	40	...	...	...	...	...	...	4	25	1	6	6	71	...	...	
* Mankarai	1	20	...	...	...	...	...	...	3	18	...	...	4	38	...	...	
* Lakkili	1	40	...	...	...	...	...	...	3	19	...	...	4	59	...	...	
* Ottapalam	1	40	...	...	...	...	...	...	6	35	...	...	7	75	...	...	
* Shoranur	1	60	...	...	1	20	...	...	5	32	1	6	8	108	...	...	
* Pattambi	1	40	...	...	...	...	...	...	5	32	...	...	6	72	...	...	
* Pallipuram	1	20	...	...	...	...	...	...	2	12	...	...	3	32	...	...	
* Kuttipuram	1	30	...	...	...	...	...	...	3	21	...	...	4	51	...	...	
* Edakkolam	1	20	...	...	...	...	...	...	2	11	...	...	3	31	...	...	
* Tirur	1	80	...	...	2	45	...	...	15	92	1	6	19	223	...	...	
* Tanur	1	50	...	...	...	...	...	...	3	18	...	...	4	68	...	...	
* Parpanangadi	1	45	...	...	...	...	...	...	4	25	1	6	6	76	...	...	
* Kadalundi	1	30	...	...	...	...	...	...	3	18	...	...	4	48	...	...	
* Ferok	1	45	1	30	1	20	...	...	19	118	4	20	26	233	...	...	
* Kallayi	2	75	...	...	...	...	...	...	10	68	2	14	14	157	...	...	
Calicut	1	120	...	...	...	...	...	...	...	...	...	...	46	607	4	144	
Under Rupees 100 ...	...	...	6	220	6	190	1	25	31	196	1	6					
* Balaghat	1	40	1	15	...	...	...	...	6	44	1	7	9	106	...	...	
* Gorgaum	2	70	1	15	...	...	...	...	6	44	1	7	10	136	...	...	
* Champion	1	35	1	15	...	...	...	...	5	36	...	...	7	86	...	...	
* Marikuppam	1	40	1	15	...	...	...	...	6	36	1	7	9	98	...	...	
* Tondaiyarpettai	1	30	...	...	...	...	...	...	2	14	2	14	5	58	...	...	
* Korukkupettai	1	20	...	...	...	...	...	...	2	13	2	14	5	47	...	...	
* Tiruvottiyur	1	30	...	...	2	38	...	...	4	26	2	14	9	108	...	...	
* Eranavur	1	20	...	...	...	...	...	...	2	12	2	14	5	46	...	...	
Ennur	2	75	...	...	1	20	2	35	13	89	...	...	18	219	1	25	
* Kullar	1	30	...	...	...	...	...	...	2	18	...	...	3	48	...	...	
* Adderley	1	30	...	...	...	...	...	...	1	9	...	...	2	29	...	...	
* Hill Grove	1	35	...	...	...	...	...	...	2	18	...	...	3	53	...	...	
* Runnymede	1	30	...	...	...	...	...	...	1	9	...	...	2	29	...	...	
Coonoor	1	175	...	...	...	...	...	...	...	...	...	...	} 14	306	1	30	
Under Rupees 100 ...	1	35	...	...	...	...	...	...	...	...	...	...					
Ootacamund Out-Agency ...	...	...	2	115	...	...	...	...	12	96	...	...					
									2	16	...	...	4	131	...	...	
Total ...	188	8,511	141	4,521	142	3,314	59	1,583	1,451	10,375	99	613	2,080	28,917	94	3,280	

MADRAS RAILWAY.

Traffic Department.

Establishment List for the half-year ending 31st December 1899—continued.

STATIONS.	Station Masters, Assistant Superintendents and Traffic Inspectors.		Goods Clerks.		Coaching Clerks and Ticket Collectors.		Shunting Masters, No. Takers, Baggage, Luggage and Platform Constables.		Police Officers, Signalmen, Porters, Watchmen, Gatemen, Guards, Cooks, Bearers, Waiting Room Attendants, Messengers, Khansamahs, cheese and Gardeners.		Total Regular Staff at full pay.		Gatemen.		Telegraph Inspectors, Signallers, Clerks and Peons.		REMARKS.
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.	
1st and 2nd Divisions, North-West Line.																	
* Tirutturai	2	80							9	61	3	17	14	128			
Pongadi																	
* Nagari	1	90							1	6							
* Vepagunta	2	73															
* Puttur	1	20							7	45			2	20			
Tadakla	2	70									2	11	4	36			
* Puli	1	16							1	6			9	118			
Renigunta	3	75							7	43	2	11	4	36			
	1	125											11	134			
Mamandur	3	60	3	70	9	215	6	153	5	35			1	15			
* Pedakpeda	2	68															
* Kadiru	2	68							4	28	2	11	8	107	3	122	
* Cumpole	2	73															
* Reddipalle	2	65							4	28	2	11	8	107			
* Kamapoe	2	68							9	61			6	96			
Kandukur	2	75							6	38			11	134			
* Yerrakalva	2	68							6	38			7	97			
* Siddhavatam	2	70							9	48	1	6	8	106			
	2	60							13	94			11	129			
Cuddapah	1	160							6	35			16	197	2	20	
	1	75	2	120	6	180	2	63	4	23			8	110			
Cheyair													6	85			
Kodur																	
Kalasapadu																	
Rapur																	
Kodavalur																	
Gudur																	
Venkatagiri																	
Kottapalle																	
Sullurpeta																	
Tada																	
Pullur																	
Venkatachalam																	
Nellore																	
Kovur																	
Kanupur																	
Gudlur																	
Venkatagiri																	
Renigunta																	
Tirupati																	
Chandragiri																	
Puttur																	
Nagari																	
Vepagunta																	
Tadakla																	
Puli																	
Renigunta																	
Mamandur																	
Pedakpeda																	
Kadiru																	
Cumpole																	
Reddipalle																	
Kamapoe																	
Kandukur																	
Yerrakalva																	
Siddhavatam																	
Cuddapah																	
Cheyair													

MADRAS RAILWAY.

Traffic Department.

Establishment List for the half-year ending 31st December 1899—continued.

STATIONS.	Station Masters, Junction Superintendents and Traffic Inspectors.		Goods Clerks.		Booking Clerks and Ticket Collectors.		Shunting Masters, Signalmen, Porters, Switchmen, Trimmers, Lamp Boys, Lamp Room Attendants, Gatemen, Watchmen, Platform Constables.		Pointsmen, Points Signalmen, Porters, Markers, Watchmen, Lamp Room Attendants, Guards' Cooks, Watchmen, Mussalchees and Gardeners.		Gatemen.		Total Regular Staff at full pay.		Telegraph Inspectors, Signallers, Clerks and Peons.		Remarks.
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.	
1st and 2nd Divisions, S. W. Line	188	8,511	141	4,521	142	3,314	50	1,583	1,451	10,975	99	613	2,080	29,917	94	3,280	
1st and 2nd Divisions, N. W. Line	82	3,302	27	731	24	596	20	688	407	2,866	29	170	589	8,303	23	956	
Travelling Ticket Collectors	...	...	...	...	...	...	...	...	...	...	...	...	4	153	...	...	
Block Signallers and Allowance	9	275	...	...	4	153	...	...	...	...	...	...	9	375	...	...	
Relieving Staff ...	54	1,280	...	...	...	...	18	260	205	...	...	...	98	1,745	...	...	
Inspectors ...	9	585	...	...	...	...	...	...	...	...	...	...	9	585	...	...	
Conservancy ...	...	...	...	...	...	...	...	...	72	434	...	...	72	434	...	...	
Gatemen, Engineering ...	...	...	...	...	...	...	...	...	...	...	163	806	163	806	...	...	
Telegraph Signallers, North-West Line Allowance ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Grand Total ...	342	14,053	168	5,252	170	4,063	97	2,481	1,866	13,870	291	1,679	3,031	*41,398	117	4,281	

* Amount provided for Station Staff per month as per Establishment Rolls exclusive of allowances and loading and unloading charges ... ... Rs. 38,906
Add amount for Travelling Ticket Collectors, as shown in the Analysis List, but chargeable to Head Office ... ... Rs. 125
Do. Traffic Inspector's salary included in this list, but transferred to General Superintendence in Rolls ... ... Rs. 125
Do. of Station Masters' salaries included in salaries of Station Staff in this list, but chargeable to Electric Telegraph Department in Rolls 2,154
(see Statements marked with an asterisk) 2,432
Total ... Rs. 41,398

(Signed) F. W. READ,
Traffic Manager.

TRAFFIC MANAGER'S OFFICE,
MADRAS, 25th *April* 1899.

LITHOGRAPHIC ARTIST'S PRESS.

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(R. Form No. 2.)

PUBLIC WORKS DEPARTMENT.

RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following:—

Memorandum from the Agent and Manager, Madras Railway No. 11513 A/948, dated 3rd August 1899, submitting 25 copies of the Minutes of the Official Meeting and Stores Committee, Madras Railway (No. 4 of 1899), held on the 30th May 1899.

ORDER THEREON, No. 889. R., DATED 10th August 1899.

Approved, and nine copies ordered to be forwarded to the Government of India.

(True Extract.)

(Signed) ~~P. R. UPCOTT,~~
Joint Secy. to Govt., P. W. D., Ry. Branch.

DOCKET No. 890 R., DATED 10th August 1899.

FORWARDED.

(By Order.)

~~*Joint Secy. to Govt., P. W. D., Ry. Branch.*~~

To

The Secretary to the Government of India,
Public Works Department.