M.R.O. 1—77,000—8-6-37.

(1) Number of pages 20

(2) Date of repair 29. 12. 1936

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 3557 & 58 Press ~~Mis.~~

577-578

Dated 23 · 11. 1865.

Not to be folded or roughly handled

No. 577. Read the following letter from the Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, dated Madras, 10th November 1865, No. 560 :—

1. I have the honor to forward the Budget Estimates for 1866-67 of State expenditure, and of guaranteed capital on Railways in this Presidency.

2. The estimate for Controlling Establishment is Rupees 2,640 in excess of the one for 1865-66, and is due partly to the anticipated arrangements on the introduction of the system of appropriation audit of the accounts of the Railway Companies, and partly to an increased allowance for travelling expenses for the Consulting Engineer and his Deputy.

3. The original estimate for land for 1865-66 amounted to Rupees 1,12,000. In consequence of applications for additional grants, it has been raised to Rupees 2,19,247. The excess (Rupees 1,07,247) however has not yet been sanctioned by the Government of India. The estimate for the year 1866-67 is Rupees 1,03,700.

4. The outlay from guaranteed capital is estimated by the Railway authorities at Rupees 92,57,774. The estimate for the Madras Railway seems high. A reference was made on the subject to the Railway authorities, but they are not disposed to reduce the estimate, in consequence, they say, of the concentration of the staff, and of the issue of contracts for a large amount of work.

5. The amount withdrawn by the Railway Company in 1864-65 was Rupees 26,81,816. From the 1st May to the 31st October last, it amounted to about Rupees 14,45,700, the Budget grant being Rupees 50,00,000. It is clear from this that there is not much likelihood of the estimated outlay of Rupees 74,25,774 being taken up in 1866-67, and that it may be fairly reduced to Rupees 60,00,000.

6. As reported by the Railway authorities, the present state of the works on the North-West Line is as follows :—

The line is open to Cuddapah, 120 miles. The estimated expenditure for works thereon amounts to Rupees 5,29,947. Of this Rupees 2,93,600, will probably be expended before April 1866, and the remainder, Rupees 2,36,347, during the ensuing financial year. Besides this, salaries and maintenance will cost Rupees 95,000.

The rails are now being laid between Cuddapah and Camalpoor 14 miles. The banks are being trimmed up, some minor works of masonry finished, girders being fixed, and stations completed as far as Shettawarpully, 26 miles further. Work has just been commenced on the second section of District 8, second section of District 9, and first section of District 10, about 30 miles, and the surveys of District 11 are in progress. An Engineer is engaged in making surveys and sections of the Tungabudra river, and in preparing to collect materials.

It is expected that during the ensuing year the North-West Line will be completed for a distance of 50 miles beyond Cuddapah; and that 100 miles more* will be under construction. It is anticipated that all the surveys will be completed to these points, and the Engineers at work. As the heaviest earthwork will be undertaken shortly, it is assumed that three-fourths of the whole will be finished, that three-fourths of the masonry will be completed, that the Chittravatty and Pennar bridges be nearly finished, and the Tungabudra about one-third. It is impossible to give more definite information.

* To 300 miles on the Main Line, and 80 on the Branch to Bellary.

The stations in progress will be Jotoor, Tadputry, Rayacherroo, Ghooty, Junction at Gundacal, Hotoor, and perhaps Adoni on the main line. On the branch to Bellary, Veerapoor.

7. On the Great Southern of India Railway. Erode Extension. The works under construction will consist of masonry in bridges and stations. Earthwork in cuttings and embankments, including trimming and turfing. Laying of Permanent Way. Ballasting, carting materials, and fencing.

On the portion of line opened for traffic, the works will consist of fencing the whole line, and completion of workshops and small station buildings.

8. The per-centage of working expenses on Revenue Account of the Great Southern of India Railway has been reduced, in the present estimate, to 50·0. In the estimate for 1865-66 it was 56·2.

* 55·06.
† 48 4, and 51·8.

9. On the Madras Railway the per-centage is higher* than it was in 1864-65† and in 1865-66†. The Agent and Manager's attention having been drawn to it, it is explained that the increase arises from two causes, both of which have been provided for in the estimate, viz :—

" 1st.—From 1st August 1866, the maintenance of the Bangalore Branch (84 miles), and from 1st October in the same year the maintenance of the line between Tirupetty and Reddypully (38 miles) North-West Line will fall on Revenue.

" 2nd.—The additional Locomotive power required on the North-West Line, consequent on the extension to Cuddapah."

10. The estimated outlay for 1866-67 on the Imperial Revenue for controlling establishment and for compensation for land, is as follows :—

Establishment	Rupees	50,554	8 0
Land	"	1,03,700	0 0
	Rupees	1,54,254	8 0

11. The estimated expenditure on account of guaranteed capital may be taken at—

Rupees 60,00,000 for the Madras Railway, and
" 18,32,000 for the Great Southern of India Railway.
Rupees 78,32,000

12. The sums which it is expected will be realized from the traffic on the Railways are—

Madras Railway	Rupees	42,00,000
Great Southern of India Railway	"	5,00,000
	Rupees	47,00,000

13. Judging from the increase which has taken place lately in the traffic, I am of opinion that the Railway authorities have under-estimated the probable receipts, and to this cause is due the high per-centage of working expenses noticed in paragraph 9 of this letter.

14. The expenses for working the traffic are estimated

	RS.
For the Madras Railway at	23,12,563
For the Great Southern of India Railway at	2,50,000
	25,62,563

leaving a balance of Rupees 21,37,437.

15. In reference to the Proceedings of the Governor General of India, communicated to this Office with Order of the 18th July last, No. 405, it is necessary that the Railway Budget Estimate should be submitted to Calcutta early in December.

APPENDIX G.

Estimate of Railway transactions not appearing as Disbursements or Receipts of the Public Works Department for 1866-67.

I.—Expenditure from Guaranteed Capital.

	1866-67.	1865-66.
	RS.	RS.
Madras Railway (South-West Line and Bangalore Branch and North-West Line)	74,25,774	50,00,000
Great Southern of India Railway	2,92,000	1,77,000
Do. Errode Extension	15,40,000	21,00,000
Total outlay ...	92,57,774	72,77,000
Estimated receipts from sale of Stores, &c., to be credited to Capital	10,03,000	3,87,000
Total receipts. ...	10,03,000	3,87,000
Net outlay ...	82,54,774	68,90,000

II.—Revenue Account.

	Gross Earnings.		Working Expenses.		Net revenue.		Per-centage of working expenses.	
	1866-67. RS.	1865-66. RS.	1866-67. RS.	1865-66. RS.	1866-67. RS.	1865-66. RS.	1866-67. RS.	1865-66. RS.
Madras Railway (North-West and South-West Lines and Bangalore Branch.)	42,00,000	37,26,000	23,12,563	19,29,200	18,87,437	17,96,800	55·06	51·8
Great Southern of India Railway.	5,00,000	3,20,000	2,50,000	1,80,000	2,50,000	1,40,000	50·0	56·2
Total...	47,00,000	40,46,000	25,62,563	21,09,200	21,37,437	19,36,800	54·52	52·1

MADRAS,
10*th November* 1865.

(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
Consulting Engineer for Railways.

MADRAS PRESIDENCY.

No. VI.

Detail of estimate of State expenditure on account of Railways for the year 1866-67.

ABSTRACT.

		Rs.	
I. Establishment	...	50,554	8 0
II. Purchases of Land	...	1,03,700	0 0
TOTAL Rs.	...	1,54,254	8 0

I. *Controlling Establishment.*

NUMBER. 1865-66.	NUMBER. 1866-67.	Particulars.	Salary of Office. Minimum	Annual increase.	Maximum	Estimate 1866-67. Per mensem.	Per annum.	Total.	Estimate 1865-66. Charges per annum.
		Consulting Engineer for Railways.	Rs.	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1	1	Consulting Engineer	.....	.....	1,756 8 0	1,756 8 0	21,078 0 0	21,078 0 0	21,078 0 0
1	1	Deputy Consulting Engineer ...	.....	.....	893 10 0	893 10 0	10,723 8 0	10,723 8 0	10,723 8 0
		Military allowances	.....	.....	.....	600 0 0	7,200 0 0	7,200 0 0	4,200 0 0
	1	Uncovenanted Assistant	.....	.....	.....	110 0 0	1,320 0 0	1,320 0 0	1,920 0 0
1	2	Clerks at Rupees 40 and 70 ...	.....	.....	.....	260 0 0	3,120 0 0	3,120 0 0	4,260 0 0
3	4	Accountants at Rs. 50, 50, 60, and 100...	.....	.....	.....	35 0 0	420 0 0	420 0 0	420 0 0
7	1	Draughtsman	.....	.....	.....				
1	10	Peons and others, one at Rs. 5, eight at Rs. 7 and one at Rs. 10½ ...	.....	.....	.....	71 8 0	858 0 0	858 0 0	858 0 0
10									
24	20					56 4 0	675 0 0	675 0 0	675 0 0
		House rent	.....	.....	.....				
		Add for travelling allowances of Consulting Eng. and Dy Consulting Engineer.	.....	.....	.....	400 0 0	4,800 0 0	4,800 0 0	3,600 0 0
		Office expenses and contingencies ...	.....	.....	.....	30 0 0	360 0 0	360 0 0	180 0 0
		Total ...	.....	.....	4,212 14 0	4,212 14 0	50,554 8 0	50,554 8 0	47,914 8 0

II. *Purchase of Land.*

Number of Item.	Particulars.	Amount of Estimate.	Computed payment to 30th April 1865.	Estimate 1866-67.	Remarks.
	MADRAS RAILWAY.	Rs.	Rs.	Rs.	
	SOUTH-WEST LINE.	*			* The sums entered in this column are those for which sanction was granted in the Budget for 1865-66.
	Madras	1,000	.....	.....	
	North Arcot	7,000	5,000	2,000	
	Salem	3,000	3,000	3,000	
	Coimbatore	7,000	7,000	2,000	
	Malabar	3,000	.....	200	
		21,000	15,000	7,200	
	NORTH-WEST LINE.				
	North Arcot District ...	3,000	2,500	500	
	Cuddapah.				
	Land for line of Railway in Districts 3, 4, 6, and 7.				
	Do. for road to the Railway station at Nundaloor.				
	Do. for side-cuttings and works contingent on the execution of the line from 10 miles in Districts 8, Section II, to 4 miles 30 chains; in District 9, Section I	3,000	2,297	.....	
	Bellary.				
	Beyond Gooty for 114 miles				
	Class A, acres 1,238- 04	7,000	†	5,000	† The Collector has not entered any sum to be paid for the land which he has transferred *this* year.
	Do. B, do. 1,216- 38				
	Do. C, do. 152- 76				
		13,000	4,797	5,500	
	GREAT SOUTHERN OF INDIA RAILWAY.	*			* Budget allowance Rs. 33,000 sanctioned in G. O. of the 20th October 1865, No. 3,125, Rs. 12,247.
	Coimbatore.				
	Land for 55 miles ...	45,247	45,247	34,000	
	Do. for Stations ...				
	Trichinopoly.	†			† The Budget allowance is Rs. 30,000 and the amount sanctioned in G.O. of the 14th September 1865, No. 2,707, Rs. 95,000.
	Land for 42 miles of an average width of 62 yards				
	Do. for Trichinopoly and other stations	1,25,000	1,00,000	25,000	
	Do. for detached pieces coming under class C ...				
	Tanjore.	‡			‡ Entered in Budget estimate for 1865-66.
	Land for line of Railway and stations, for channels, cross roads, and Officers (Railway) Bungalows ...	15,000	15,000	32,000	
		1,85,247	1,60,247	91,000	
	SUMMARY.				
	Madras.				
	South-West Railway ... Rs. 7,200				
	North-West do. ,, 5,500				
	Great Southern of India Railway ,, 91,000				
	Total ... 1,03,700			1,03,700	

MADRAS,
10th November 1865.

(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
Consulting Engineer for Railways.

No. 578. ORDER THEREON, 23rd November 1865, No. 3,557.

RAILWAY, No. 52.

1. With this letter, the Consulting Engineer for Railways submits the Budget estimates of expenditure proposed from State funds and from guaranteed capital during the year 1866-67.

2. In the former of these estimates, provision has been made for the establishment applied for in the Consulting Engineer's letter recorded in the Proceedings of Government No. 2,709, dated 14th September 1865, for the introduction into this Presidency of the system of appropriation audit of the Railway Company's accounts. The whole of the entries have been allowed to stand, subject, however, to such reductions and modifications as may be hereafter* ordered.

* See paragraph 3 of G. O. No. 2,709.

3. The aggregate outlay proposed from State funds is Rupees 1,54,254½, viz., Rupees 50,554-8-0 for Establishments, and Rupees 1,03,700 for compensation on account of land to be taken up for Railway purposes.

4. Under the circumstances explained in paragraph 5 of the Consulting Engineer's letter, the Governor in Council is satisfied that the estimate for the Madras Railway for the ensuing year is greatly in excess of probable requirements, and His Excellency considers that the demand may safely be reduced to Rupees 60,00,000, which is Rupees 10 lacs in excess of the allotment for the current year.

† Rupees 2,92,000.

‡ Rupees 15,40,000.

5. The estimates for the Great† Southern of India Railway and for the Errode‡ Extension may be allowed to stand.

5. With these remarks, the Budget estimates will be forwarded to the Government of India, with reference to the Proceedings of the Right Honorable the Governor General in Council No. 562A., dated 26th June 1865.

(Here enter, No. 3,558, dated 23rd November 1865.)

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer for Railways, with two Enclosures.

Exd. S. T Augustin.

PUBLIC WORKS DEPARTMENT.
FORT SAINT GEORGE,
23rd November 1865.

No. 3,558.

No. 579.
To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

SIR,

RAILWAY, No. 53.

1. In accordance with the orders communicated in the Proceedings of the Right Honorable the Governor General in Council, No. 562 A, dated 26th June 1865, I am directed to submit the Budget estimates of expenditure proposed from State funds and from guaranteed capital during the year 1866-67.

2. The following is an Abstract of these estimates :—

State Funds.

	Rs.	A.	P.
Establishment...	50,554	8	0
Compensation for land	1,03,700	0	0
Total ...	1,54,254	8	0

Guaranteed Capital.

Madras Railway	60,00,000	0	0
Great Southern of India Railway	2,92,000	0	0
Do. Errode Extension	15,40,000	0	0
Total ...	78,32,000	0	0

3. A copy of the Consulting Engineer's letter transmitting the estimate, and of the Orders of this Government thereon are enclosed.

4. I am to add that the Consulting Engineer's estimate of land to be taken up for Railway purposes is not sufficiently in detail. To save time, however, it is forwarded, but the Consulting Engineer has been requested, with reference to the Orders of the Government of India marginally noted, to prepare and submit a fuller estimate, in time for inclusion in the regular Public Works Budget.

No. 979A., 28th October 1865.

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

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

Exd. S. T. Augustin.

Appendix G.

Estimate of Railway transactions not appearing as Disbursements or Receipts of the Public Works Department for 1866/67.

I Expenditure from Guaranteed Capital.

	1866/67	1865-66
	Rs	Rs
Madras Railway / South West Line and Bangalore.		
Coi Branch and South West Line /	74,25,774	50,00,000
Great Southern of India Railway	2,92,000	1,71,000
Do Do Erode Extension /	15,40,000	21,00,000
Total outlay	92,57,774	72,71,000
Estimated Receipts from Sales of Stores now to be Credited.		
to Capital	10,03,000	3,87,000
Total Receipts	10,03,000	3,87,000
Net outlay	82,54,774	68,84,000

II Revenue account.

	Gross Earnings		Working Expenses		Net Revenue		Percentage of working Expenses.	
	1866/67	1865/66	1866/67	1865/66	1866/67	1865/66	1866/67	1865/66
	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs.
Madras Railway								
(South West & South West Lines	42,00,000	37,26,000	23,12,563	19,29,200	18,87,437	17,96,800	55·06	51·8
and Bangalore Branches.)								
Great Southern of India Railway	5,00,000	3,20,000	2,50,000	1,80,000	2,50,000	1,40,000	50·0	56·2
Total	47,00,000	40,46,000	25,62,563	21,09,200	21,37,437	19,36,800	54·52	52·1

Madras
10th Mar 1867.

Subramanyam
Civil Engineer for Rly.

Madras Presidency 7 187

No. VI

Detail of Estimate of State Expenditure on account of Railways for the year 1866-67

Abstract

	Rs
I Establishment —	50554-8
II Purchases of land —	103700-"
Total	154254-8

I Controlling Establishment

Number		Salary of Office	Estimate 1866-67.				Estimate 1865-66.
1865-66	1866-67	Particulars	minimum annual salary	Maximum	Increase	Total	charges for annum
			Rs a p	Rs a p	Rs a p	Rs a p	Rs a p
1	1	Consg. Engineer for Rys Consulting Engineer	" "	1756 8 "	1756 8 "	21078 "	21078 " "
1	1	Dy Consg. Engr	600				
		Mily. Allowances	293 5/8 " "	893 10 "	893 10 "	10723 8 "	10723 8 " 10723 8 "
1	1	Uncov'd Assistant	" "	600 "	600 "	7200 "	7200 " " 4200 " "
3	2	Clerks at Rs 40 & 70	" "	110 "	110 "	1320 "	1320 " 1920 " "
7	4	Accountants at Rs 50. 50 60 & 100	" "	260 "	260 "	3120 "	3120 " " 4260 " "
1	1	Draughtsman	" "	35 "	35 "	420 "	420 " " 420 " "
10	10	Peons and others, One at Rs. Eight at Rs 7 and one at Rs 10½	" "	71 8	71 8	858 "	858 " " 858 " "
24	20	House Rent	" "	56 4 "	56 4 "	675 "	675 " " 675 " "
		Add for Travelling allowances of Consg. Engr & Dy. Consg. Engineer	" "	400 "	400 "	4800 "	4800 " " 3600 " "
		Office Expenses and Contingencies	" "	30 "	30 "	360 "	360 " " 180 " "
		Total	" "	4212 14 "	4212 14 "	50554 8 "	50554 8 " 47914 8 "

II Purchase of Land

Number of Item	Particulars	Amount of Estimate	Computed Payment to 30th April 1865	Estimate 1866 67	Remarks
		Rs	Rs	Rs	
	Madras Railway				
	South West Line				
	Madras	1000	"	"	* The sums entered in this Column are those for which Sanction was granted in the Budget for 1865-66.
	North Arcot	7000	5000	2000	
	Salem	3000	3000	3000	
	Coimbatore	7000	7000	2000	
	Malabar	3000	"	200	
		21000	15000	7200	
	North West Line				
	North Arcot District	3000	2500	500	
	Cuddapah				
	Land for line of Railway in Districts 3-4-6 & 7.				
	" for Road to the Railway Station at Rundalore				
	" for Side Cutting & Works Contingent on the Execution of the line from 10 miles in Dist. 8. Sec. III to 4 miles 30 chains in Dist. 9 Sect.	3000	2297	"	
	Bellary				
	Beyond Ghoots for 114 miles				
	Class A. Acres 1238-04				
	" B " 1216-38	7000	"	5000	* The Collector has not entered any sum to be paid for the land which has been transferred this year.
	" C " 152-76				
		13000	4797	5500	

No. of Item	Particulars	Amount of Estimate	Computed payment to 30th April 1866	Estimate 1866 67	Remarks
	Great Southern of India Railway				
	Coimbatore				
	Land for 55 miles	*			* Budget allowance Rs 33,000 - Sanctioned in G.O. of the 20th Oct/65 No 3125. Rs 12,247.
	" for Stations	45,247	45,247	34,000	
	Trichinopoly				
	Land for 42 miles of an average width of 62 yds.				The Budget allowance is Rs 30,000 and the amount sanctioned in G.O. of the 14th Sept/65 No 2707 - Rs 95,000.
	" for Trichinopoly and other Stations	125,000	100,000	25,000	
	" for detached pieces coming under Class C.				
	Tanjore				
	Land for line of Railway and Stations - for channels Cop. Roads & offices Rly Bungalows	* 15,000	15,000	32,000	* Entered in Budget Estimate for 1865-66.
		185,247	160,247	91,000	

Summary

Madras	
South West Railway	Rs 7,200
North West do	" 5,500
G. S. of I. Ry.	91,000
Total Rs	103,700

103,700

Madras
10th Nov 1865.

J. Anderson Lt Col RE
Consulting Engineer for Rys

Public Works Department

No 3557

Proceedings of the Madras Government

Under date the 23rd November 1865

Read the following

From the Consulting Engineer
for Railways.

Forwarding the Bud-
get Estimates for 1866-67 Rec'd enter 10th Nov/66 No 5607
of State Expenditure and of
Guaranteed Capitals on
Railways in the Madras
Presidency.

With this letter, the
Consulting Engineer for Rail-
ways submits the Budget
Estimates of Expenditure proposed
from State funds and from
Guaranteed capitals during
the year 1866/67.

In the former of these
Estimates, provision has been
made for the establishment
applied for in the Consulting
Engineer's letter recorded in the
Pub. y Government No. 2709, dated
14th September 1865, for the
introduction

introduction into this Presidency of the system of appropriation audit of the Railway Companies' accounts. The whole of the entries have been allowed to stand, subject, however, to such reductions and modifications as may be hereafter ordered. *See para 3 of G.O. no. 2709

The aggregate outlay proposed from State funds is Rupees 1,54,254 1/2, viz. Rupees 50,554-8-0 for establishments, and Rupees 103,700 for compensation on account of land to be taken up for Railway purposes.

Under the circumstances explained in para 5 of the Consulting Engineer's letter, the Governor in Council

Council is satisfied that the estimate for the Madras Railway for the ensuing year is greatly in excess of probable requirements, and His Excellency considers that the demand may safely be reduced to Rupees 60,00,000, which is Rupees 10 lacs in excess of the allotment for the current year.

The estimates for the Great Southern of India Railway and for the Erode Extension may be allowed to stand. *2,92,000

With these remarks, the Budget estimates will be forwarded to the Govt of India, with reference to *15,40,000

to the Proceedings of the
Right Honorable the Governor
General in Council No. 562-A
dated 26th June 1865.

3558

No. 3558

To The Secretary to the
Government of India
Pub. Works Deptt.

3 To The Consulting Engrs. for Railways
with 2 Enclosures

Dated the 24th November

Sir

In accordance with
the orders communicated
in the Proc. of the Right
Honorable the Governor
General in Council
No. 562-A, dated 26th June
1865, I am directed to submit
the Budget estimates
of

of Expenditure proposed from
State funds and from Guaranteed
Capital during the year
1866/67.

The following is an
abstract of these estimates.

State funds

Establishment — 50,554 — 8 — 0

Compensation for land — 103,700 — — —

Total 154,254 — 8 — 0

Guaranteed Capital

Madras Railway — 60,00,000

Great Southern of India Railway — 2,92,000

— Do. Erode Extension — 15,40,000

Total 78,32,000

A copy of the Consulting
Engineers letter transmitting
the estimate, and of the orders
of this Government thereon
are enclosed.

I

I am to add that the Consulting Engineer's Estimate of land to be taken up for Railway purposes is not sufficiently in detail. To save time, however, it is ~~now~~ forwarded, but the Consulting Engineer has been requested, with reference to the orders of the Government of India marginally noted, to prepare and submit a fuller Estimate, in time for inclusion in the regular Public Works Budget.—

977 - A - 23d October 1865

14

2

Dated 24th November

Hutts G. P. No. 8557/65

Fort St. George
23rd Nov. 1865

Ap. 1866 Depth
Pres. of Govt for hour

No. 3557 & 3558

Pres. of the Mr Govt

Dep. 28 Nov. /66

Railway Budget for 1866-67

Papers & orders in letter from the

Commissioner submitting

No. 577. 578.