GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper :—

From the Consulting Engineer for Railways, dated Madras, 13th March 1890, No. 183.

Note on the Establishment Lists, South Indian Railway, for the half-year ending 30th June 1890.

Agent's Department.—No remarks.

2. *Chief Auditor's Department.*—An extra provision of Rs. 174 has been made under "Travelling Auditors" for increments to deserving men.

An extra provision of Rs. 6 has been made under "Police Guard" for charges incurred by the Police Department.

3. *General Stores Department.*—Under the heading "Clerks" provision has been made for two additional issuers on a salary of Rs. 30 a month each on account of an increase of work in this department; but they are not to be entertained without further sanction.

An extra provision of Rs. 12 has been also made under "Watchmen."

4. *Medical Department.*—Provision has been made for the following additional staff for the Nellore Branch :—

	Rs.
One Hospital Assistant on a salary of	60 a month.
One Peon on	7 "
One Sweeper on	3 "
And for travelling allowance	150

5. *General and Miscellaneous Charges.*—Most of the increases shown are made in order to bring sanctions more nearly to actuals.

6. *Engineering Department.*—A transfer of Rs. 60 has been made from "Draughtsmen" to "Clerks" to meet an increase under the latter heading.

Provision has been made for the promotion of two Resident Engineers (*vide* G.O., No. 985 R., dated 10th September 1889), and also for an increase of pay, from Rs. 160 to Rs. 175, to an Inspector for long and approved service.

A saving of Rs. 390 has been effected in the Inspector's establishment in consequence of vacancies being filled by men drawing the minimum salaries of the grades.

An extra provision of Rs. 78 has been made under "Sub-Inspectors" to meet increases to three deserving men for long and approved service.

An extra provision of Rs. 30 under "Clerks" has been made owing to men of higher salary succeeding those employed under this sanction, and provision has been made for an additional lascar for Platelaying Inspector on a salary of Rs. 7 a month.

The establishment employed on construction shows considerable reductions.

7. *Maintenance.*—The maintenance estimates for the last and current half-years are compared in the following table:—

—	SECOND HALF OF 1889.		FIRST HALF OF 1890.	
	Ordinary.	Extra-ordinary.	Ordinary.	Extra-ordinary.
	RS.	RS.	RS.	RS.
Division I.	1,02,927	1,27,082	1,06,906	62,715
Do. II	74,859	1,32,046	76,305	62,563
Do. III	76,455	1,03,510	74,627	64,806
Do. IV	77,807	1,17,046	79,357	59,063
Do. V	71,589	1,16,846	72,513	66,709
Total ...	4,03,637	5,96,530	4,09,708	3,15,856
	10,00,167		7,25,564	
General superintendence	1,02,300		99,808	
Total ...	11,02,467		8,25,372	
Per mile of single line (662 miles)	1,663		1,247	
Per mile of track including sidings (738 miles).	1,489		1,118	

The extraordinary expenditure is made up as follows:—

	RS.
Renewing 25 miles of line with 50 lb. rails on cast iron pot sleepers	2,70,520
Relaying 50 lb. permanent-way over Sátúr bridge	2,101
Ballast siding 85/13, Gingee bridge	1,000
Additions to, demolishing and rebuilding bridges	20,997
Do. to station buildings	21,238
Total ...	3,15,856

The abstract estimate of maintenance for a total of 662 miles single line works out to Rs. 1,247 for the half-year, of which Rs. 478 is due to extraordinary expenditure.

8. The Agent states that the alteration of the Engineering Staff into four instead of five divisions, which takes effect from 1st February 1890, will not materially decrease the expenditure, and in a subsequent letter the Chief Engineer states that "during February 1890 the old distribution of the line into four divisions has been reverted to, but it has been found necessary to retain the services of a portion of the clerical staff for a short time longer for the purpose of closing the accounts."

9. *Locomotive Department.*—An extra provision of Rs. 50 has been made under "Second Assistant Locomotive Superintendent," due to an increase of pay in accordance with his agreement.

Provision has been made for three additional Draftsmen and Tracers on a salary of Rs. 30 a month each; also for one additional peon on a salary of Rs. 7 a month, required for the Second Assistant Locomotive Superintendent.

An extra provision of Rs. 350 has been made under "Foremen" to meet increases of pay under agreement.

Extra provision of Rs. 800 under "Fitters" and Rs. 60 under "Rolling-stock Inspectors" has also been made for the increased rate of pay to apprentices on termination of their time.

Provision has been made for three additional Store Issuers and workshop clerks owing to extension of the workshop.

Extra provision of Rs. 640 under "Drivers" and Rs. 300 for "Native Firemen" has been made to meet increased traffic.

Provision has been made for two additional firemen on a salary of Rs. 50 a month each and for four additional Rolling-stock Inspectors on a salary of Rs. 20, the latter being relieving men for night duty.

The increases, as shown below, are made in order to bring the sanctions more nearly to actuals:—

	RS.
Water including wages and stores	400
Wages of workmen borne on locomotives	2,400
Do. do. on carriage and wagon	4,000
Unclassified expenditure	49,000
Contingencies	500
Stationery and office stores	600

Extra provision of Rs. 40,000 under "Coal" and Rs. 2,500 under "Wood" has been made owing to increase in rate and train mileage and Rs. 1,500 under "Oil, tallow, &c.," for increased train mileage.

10. *Traffic Department.*—The variations in this department have been fully explained in the column of remarks and are mainly due to the extra staff and stores required for the opening of the Villupuram-Guntakal State Railway.

11. *General Results.*—The total charges for the first half of 1890 are estimated at Rs. 21,79,563, being 77·8 per cent. of the anticipated gross earnings.

(Signed) SIDNEY SMITH, Major, R.E.,
for Consulting Engineer for Railways.

Submitted to Government, for transmission to the Director-General of Railways.

ORDER—dated 19th March 1890, No. 387 R., Public Works.

Approved.

2. Nine copies of the establishment lists will, as usual, be forwarded to the Director-General of Railways.

(Here enter No. 388 R., dated 19th March 1890.)

(True Extract.)

(Signed) C. J. SMITH, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

To the Consulting Engineer for Railways.
„ Examiner, Guaranteed Railway Accounts.

ENDORSEMENT—dated 19th March 1890, No. 388 R., Public Works.

Forwarded.

(By order.)

Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

Exd. P. L. Pereira.
Spare Copies

RAILWAY.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated March, 19th.

Recd. *Encl.*

G.O., 19th Mar. 1890, Nos. 387, 388 R.

MARCH.

Establishment Lists, South Indian Railway

Forwarding the — for the half-year ending 30th June 1890.

Note

on the Establishment Lists for South Indian Railway, for the half year ending 30th June 1890.

Agents department. No remarks.

2. Chief Auditor's department. An extra provision of Rs 174 has been made under "Travelling Auditors" for increments to deserving men.

An extra provision of Rs 6 has been made under "Police guard" for charges incurred by the Police Department

department.

3. General Stores Department. Under the heading "clerks" provision has been made for 2 additional issuers on a salary of Rs 30 a month each on account of an increase of work in this department, but they are not to be entertained without further sanction.

An extra provision of Rs 12 has been also made under "watchmen".

4. Medical department.

Provision has been made for the following additional staff for the Nellore Nellore Branch.

One Hospital Assistant on a salary of Rs 60 a month.
One peon on Rs 7 — " —
One Sweeper on Rs 3 — " —
and for Travelling allowance Rs 150.

5. General and Miscellaneous charges:- Most of the increases shewn are made in order to bring sanctions more nearly to actuals.

6. Engineering department:- A transfer of Rs 60 has been made from "draughtsmen" to "clerks" to meet an increase under the latter heading.

Provision has been made for

for the promotion of two Resident Engineers (vide G.O. No 985 R, dated 10th September 1889) and also for an increase of pay from Rs 160 to Rs 175 to an Inspector for long and approved service.

A saving of Rs 390 has been effected in the Inspectors establishment in consequence of vacancies being filled by new drawing the minimum salaries of the grades.

An extra provision of Rs 78 has been made under "Sub Inspectors" to meet increases to 3 deserving men for long and approved service.

An extra provision of Rs 30 under "clerks" has been made owing to men of higher salary succeeding those employed under this sanction, and provision has been made for an additional lascar for Platelaying Inspectors on a salary of Rs 7 a month.

The Establishment employed on construction shows considerable reductions.

7. Maintenance. The Maintenance Estimates for the last and current

half

half years are compared in the following table:-

	Second half of 1889.		First half of 1890.	
	Ordinary.	Extra-ordinary.	ordinary.	Extra-ordinary.
	Rs	Rs	Rs	Rs
Division I	102927	127082	106906	62715
" II	74869	132046	76305	62563
" III	76455	103510	74627	64806
" IV	77807	117046	79367	59063
" V	71589	116846	72513	66709
Total	403637	596530	409708	315856
	1000167		725564	
General Superintendence	102300		99808	
Total	1102467		825372	
Per mile of single line (662 miles)	1663		1247	
Per mile of track including sidings (738 miles)	1489		1118	

The extraordinary expenditure is made up as follows:-

	Rs
Renewing 25 miles of line with 50 lb rails on cast iron pot sleepers	270520
Relaying 50 lb Permanent way over Latur bridge	2101
Ballast siding $\frac{85}{13}$ Ginge Bridge	1000
Additions to, demolishing, and rebuilding bridges	20997
Additions to station buildings	21238
	Rs 315856

The abstract estimate of maintenance for a total of 662 miles single line, works out to Rs 1247 for the half year, of which Rs 478 is due to Extraordinary expenditure.

8. The Agent states that the alteration of the Engineering staff into four instead of five divisions which takes effect from

1st February 1890 will not materially decrease the expenditure, and in a subsequent letter the Chief Engineer states that "during "February 1890 the old distribution of the line into "four divisions has been "reverted to but it has been "found necessary to retain "the services of a portion of "the clerical staff for a "short time longer for the "purpose of closing the "accounts."

P.W. encls!
2624/90

9. Locomotive Department.

An extra provision of Rs 50 has been made under "2nd Assistant Locomotive Superintendent" due to an increase of pay in

in accordance with his Agreement.

Provision has been made for 3 additional Draftsmen and Tracers on a salary of Rs 30 a month each; Also for 1 additional peon on a salary of Rs 7 a month, required for the 2nd Assistant Locomotive Superintendent.

An extra provision of Rs 350 has been made under "Foremen" to meet increases of pay under agreement.

Extra provision of Rs 800 under "Fitters" and Rs

Rs 60 under "Rolling stock Inspectors" has also been made for the increased rate of pay to apprentices on termination of their time.

Provision has been made for 3 additional Store Issuers and Workshop clerks owing to Extension of the Workshop.

Extra provision of Rs 640 under "Drivers" and Rs 300 for "Native Firemen" has been made to meet increased traffic.

Provision has been made for 2 additional Firemen on a salary of Rs 50 a month each and for 4 additional Rolling stock Inspectors on a salary of Rs 20, the latter being relieving men for night duty.

The increases as shewn below are made in order to bring the sanctions more nearly to actuals.-

	Rs
Water including wages and stores —	400
Wages of workmen borne on Locomotives -	2,400
—— do - on carriage and wagon - -	4,000
Unclassified expenditure.	49,000
Contingencies ——	500
Stationery and office stores.	600

Extra provision of Rs 40,000 under "Coal" and Rs 2,500 under

under "wood" has been made owing to increased in rate and train mileage and Rs 1,500 under oil, tallow &c for increased train mileage.

10. Traffic department. The variations in this department have been fully explained in the column of remarks and are mainly due to the Extra staff and stores required for the opening of the Villupuram-Guntakal State Railway.

11. General results. The total charges for the 1st half of 1890 are estimated at Rs 2,79,563 being 77.8 per cent

per cent of the anticipated gross earnings.

Sidney Smith
Major R.E.
for Consg. Engr. for Rys.

Form No. 1.

Public Works Department.

Office of Consulting Engineer for Railways,

Madras, 13th March 1890.

Establishment Lists, South Indian Railway, for the half year ending 30th June 1890 with note by the Consulting Engineer for Railways thereon.

No. 183.

Submitted _____ to _____ Government for transmission to the Director General of Railways.

Sidney Smith
Major R.E.
for Consg: Engr for Rys.

Form No. 3.

From

THE CONSULTING ENGINEER

FOR RAILWAYS,

MADRAS,

No. 183

Dated 13" } March 1890.

Received 13 }

No. OF ENCLOSURES. 2

Subject.

Submitting Establishment Lists, S. I. Ry for the half year ending 30th June 1890 with note by the Consulting Engineer for Railways thereon.

A

No. 387-88 R dy 19th March/90.

P. W. Corr. 2627

A No. 387 R dy 19th March/90.

Sd 15/4

Approved.-

2. Five copies of the Establishment lists will, as usual, be forwarded to the Director General of Railways.-

No. h v 388 R 19th March 90

Forwarded.-

C.Ll. 14.3.90. R

1 Re Consg Engr for Rys --- Establishments

2624.

Govt. of 18 } Madras.

PUBLIC WORKS.

Dated. Received 19/3 D. 22/3/90

Rcvd. Encl.

G.O., 19th March 1890 No. 387-8 K.

Establishment Lists
S. I. Ry.

The — for the half year
ending 30th June 1890 with
a letter the Chief Engr
thereon approved and ordered
to be sent to the W. G. & Ry.

S/V S/V

Establishment Lists
S I Ry.

Forwarded for the half
year ending 30th June 1890.

19/3