

Public Works (1894) Department.

RAILWAY BRANCH.

G.O., No. 398-9. R

DATED 17<sup>th</sup> July

[Despatch Abstract.]

Madras Railways

The Establishment Roll & Working Estimate  
— for half year ending 31<sup>st</sup> Decr 1894,  
with a note thereon by the Consulting  
Engineer for revs. approved and copies  
ordered to be forwarded to the Govt of  
India.

Five copies of the Establishment Roll & Working  
Estimate — for half year ending 31<sup>st</sup> Decr  
1894 with a note thereon by the Consulting Engineer  
for Railways.

[P. W. D.]

[Initials]

[illegible]

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

  

| G.O. | No. | Department. | Date. |
|------|-----|-------------|-------|
|      |     |             |       |

| Main heads.                                    | Abstract. | Estimate for second half of 1894. |                              | Sanctions for first half of 1894. |                              | Actuals for second half of 1893. |                              |
|------------------------------------------------|-----------|-----------------------------------|------------------------------|-----------------------------------|------------------------------|----------------------------------|------------------------------|
|                                                |           | Rupees.                           | Per cent. on gross earnings. | Rupees.                           | Per cent. on gross earnings. | Rupees.                          | Per cent. on gross earnings. |
| Maintenance of way, works and stations .. .. . | A         | 5,94,133                          | 11.13                        |                                   |                              |                                  |                              |
| Locomotive expenses .. .. .                    | B         | 9,59,947                          | 17.97                        | 5,92,950                          |                              |                                  |                              |
| Carriage and wagon expenses .. .. .            | C         | 3,89,770                          | 7.30                         | 9,36,791                          | 11.10                        | 6,07,635                         | 11.45                        |
| Traffic expenses .. .. .                       | D         | 4,54,929                          | 8.59                         | 4,04,956                          | 18.67                        | 9,94,250                         | 19.12                        |
| General charges .. .. .                        | E         | 2,92,901                          | 5.19                         | 4,50,834                          | 7.68                         | 2,58,265                         | 4.95                         |
| Special and miscellaneous expenditure .. .. .  |           |                                   |                              | 2,84,389                          | 8.44                         | 4,87,902                         | 9.77                         |
|                                                | G         | 71,660                            | 1.34                         |                                   | 6.33                         | 2,75,387                         | 5.28                         |
| Total .. .. .                                  | ..        | 27,67,340                         | 51.82                        | 54,310                            | 1.02                         | 39,950                           | 0.76                         |
|                                                |           |                                   |                              | 27,84,270                         | 52.14                        | 26,37,589                        | 50.54                        |

2. *Abstract A—Maintenance of way, works and stations.*—Under "General Superintendence" provision has been made for the introduction of the revised scale of Engineers submitted for the sanction of the Government of India with letter No. 53 D., dated 26th April 1894. This scale provides for the abolition of the post of Deputy Chief Engineer when the present Chief Engineer retires on 23rd August and the appointment of an extra second-class Engineer to be Personal Assistant at headquarters with a special allowance of Rs. 200 per mensem. These proposals will, during the present half-year, result in a saving of Rs. 3,249. The payment of Mr. Stoncy's personal allowance of Rs. 192 for the full half-year and the provision of Rs. 4,600 for exchange compensation allowance exceed the above saving by Rs. 1,598 which is the net increase under Engineers' salaries. The remaining items under "General Superintendence" call for no remark, the total increase amounting to only Rs. 564. Heavier outlay of Rs. 5,544 and Rs. 4,467 is provided for under "Maintenance and Renewal of Permanent-way" and "Repairs of Bridges" respectively to meet the cost of the extra gangs required for the Kolar Gold Fields Railway, the raising of the line and increasing the water-way at mileage  $\frac{108}{2-3}$ , North-west line, stone ballasting portions of the South-west line and heavy repairs to fencing. The remaining sub-heads show savings aggregating Rs. 4,590.

The expenditure by main heads contrasts with the sanctions for the first half of 1894 and the actuals of the second half of 1893 as follows:—

|                                                          | Estimate for second half of 1894. | Sanctions for first half of 1894. | Actuals for second half of 1893. |
|----------------------------------------------------------|-----------------------------------|-----------------------------------|----------------------------------|
| I. General superintendence .. ..                         | Rs. 1,47,403                      | Rs. 1,43,241                      | Rs. 1,42,434                     |
| II. Maintenance and renewals of permanent-way .. ..      | 3,18,771                          | 3,13,227                          | 2,67,623                         |
| III. Repairs of bridges, &c. .. ..                       | 42,617                            | 34,150                            | 39,046                           |
| IV. Repairs of stations and buildings ..                 | 60,140                            | 63,190                            | 77,645                           |
| VI. New minor works .. ..                                | 11,085                            | 11,085                            | 12,583                           |
| VII. Unclassified expenditure .. ..                      | 95,617                            | 97,057                            | 78,524                           |
| Total .. ..                                              | 6,75,533                          | 6,67,950                          | 6,07,857                         |
| Less value of stores returned to stock .. ..             | 75,000                            | 75,000                            | 22                               |
| Total .. ..                                              | 6,00,533                          | 6,92,950                          | 6,07,835                         |
| Less cost of working the Kolar Gold Fields Railway .. .. | 6,400                             | ..                                | ..                               |
| Net Total .. ..                                          | 5,94,133                          | 6,92,950                          | 6,07,835                         |

3. *Abstracts B and C—Locomotive and carriage and wagon expenses.*—Under "General Superintendence" an increase of Rs. 3,271 is provided for. The absence of the Deputy Locomotive Superintendent and the higher pay drawn by the Locomotive Superintendent result in an increase of Rs. 97 which, together with Rs. 2,500 for exchange compensation allowance, brings the total outlay on the superior staff to Rs. 2,597 in excess of the previous sanctions. Under Subordinate Superintendence no provision has been made for the carriage painter or blacksmith and it is proposed to abolish the latter appointment. The post of Foreman at Bangalore has been re-instituted and a sum of Rs. 2,500 has been entered for exchange compensation allowance. The result of these measures, together with a slight addition to the provision for allowances, office expenses. The total cost of "General Superintendence" is estimated at Rs. 59,947 and Rs. 25,692 respectively.

4. After deducting Rs. 10,500 on account of the Kolar Gold Fields Railway, the total expenditure provided for in abstract B amounts to Rs. 9,59,947, or Rs. 36,844 less than the previous sanctions. "Running expenses" show a decrease of Rs. 4,279,

practically due to reductions in uncovenanted firemen. A heavier outlay of Rs. 9,231 is anticipated under "Fuel" in consequence of greater engine mileage consumption resulting from the haulage of increased loads. Under "Unclassified expenditure" there are decreases of Rs. 20,000 for "Loss by exchange" and Rs. 5,500 for "Carriage of revenue stores." The adjustments between sub-heads VI and VI-A result in but little variation in expenditure and the remaining items call for no comment. The appended table shows the estimate for the half-year contrasted with the previous sanctions and actuals:—

ABSTRACT B.

|                                                                   | Estimate for second half of 1894. | Sanctions for first half of 1894. | Actuals for second half of 1893. |
|-------------------------------------------------------------------|-----------------------------------|-----------------------------------|----------------------------------|
| I. General superintendence .. ..                                  | Rs. 59,947                        | Rs. 57,679                        | Rs. 58,426                       |
| II. Running expenses .. ..                                        | 1,87,374                          | 1,91,653                          | 1,88,440                         |
| III. Fuel .. ..                                                   | 3,77,697                          | 3,68,366                          | 3,83,020                         |
| IV. Water .. ..                                                   | 14,000                            | 14,000                            | 13,134                           |
| V. Oil, tallow and other stores expended on engines in work .. .. | 22,000                            | 25,000                            | 22,000                           |
| VI. Maintenance and renewals of locomotive engines .. ..          | 2,31,000                          | 1,93,614                          | 2,50,690                         |
| VI-A Maintenance and renewals of machinery, tools and plant .. .. | 4,029                             | 46,500                            | 5,182                            |
| VII. New minor works .. ..                                        | 1,500                             | 1,500                             | ..                               |
| IX. Unclassified expenditure .. ..                                | 73,000                            | 99,500                            | 67,250                           |
| Total, Locomotive expenditure .. ..                               | 9,70,447                          | 9,96,791                          | 9,98,230                         |
| Deduct cost of working the Kolar Gold Fields Railway .. ..        | 10,500                            | ..                                | ..                               |
| Total .. ..                                                       | 9,59,947                          | 9,96,791                          | 9,98,230                         |

5. Excluding Rs. 4,100, the amount debitable to the Kolar Gold Fields Railway, the expenditure allowed for under Abstract C is Rs. 3,89,770, or Rs. 15,226 less than the previous sanctions. The total provision for "Repairs and renewals of vehicles" and "Repairs and renewals of machinery, tools and plant" is almost identical with the sanctions for the first half of the year, but considerably less outlay is anticipated on coaching vehicles and a corresponding increase on goods stock. It is proposed to renew 120 covered goods wagons at a cost of Rs. 1,92,000, the outlay for the previous half-year being Rs. 1,60,000. The following statement contrasts by main heads the present estimate with the previous sanctions and actuals:—

ABSTRACT C.

|                                                               | Estimate for second half of 1894. | Sanctions for first half of 1894. | Actuals for second half of 1893. |
|---------------------------------------------------------------|-----------------------------------|-----------------------------------|----------------------------------|
| I. General superintendence .. ..                              | Rs. 25,692                        | Rs. 24,710                        | Rs. 17,106                       |
| II. Repairs and renewals of vehicles ..                       | 3,11,178                          | 2,85,166                          | 1,83,203                         |
| II-A Repairs and renewals of machinery, tools and plant .. .. | 3,000                             | 29,000                            | 3,483                            |
| III. Cleaning carriages and wagons and oiling .. ..           | 32,500                            | 32,600                            | 32,123                           |
| IV. New minor works .. ..                                     | 21,600                            | 33,600                            | 22,340                           |
| V. Unclassified expenditure .. ..                             | ..                                | ..                                | ..                               |
| Total .. ..                                                   | 3,93,870                          | 4,04,996                          | 2,58,265                         |
| Deduct cost of working the Kolar Gold Fields Railway .. ..    | 4,100                             | ..                                | ..                               |
| Total .. ..                                                   | 3,89,770                          | 4,04,996                          | 2,58,265                         |

6. *Abstract D—Traffic Department.*—A small increase of Rs. 8,095 occurs under Traffic Department, which is due to increments of salaries, provision for exchange compensation allowance and the fall of exchange. The cost of working the Kolar Gold Fields Railway is estimated at Rs. 4,600 and is not included in the increase of Rs. 8,095 above noted. The following tabular statement exhibits the estimated figures for the second half of 1894, the sanctions for the first half of 1894, and the actuals for the second half of 1893:—

|                                                      | Estimate for second half of 1894. | Sanctions for first half of 1894. | Actuals for second half of 1893. |
|------------------------------------------------------|-----------------------------------|-----------------------------------|----------------------------------|
| I. Salaries, wages, &c.                              | Rs. 8,31,843                      | Rs. 8,25,208                      | Rs. 3,06,802                     |
| II. Fuel, lighting, water and general stores         | 59,320                            | 59,320                            | 78,727                           |
| III. Clothing                                        | 6,000                             | 6,000                             | 4,149                            |
| IV. Printing, stationery and tickets                 | 37,818                            | 37,818                            | 38,514                           |
| V. Charges for delivery and collection of goods, &c. | 1,000                             | 1,000                             | 072                              |
| VI. Miscellaneous expenses                           | 2,548                             | 2,483                             | 2,254                            |
| VII. Payments to other lines                         | 7,000                             | 7,000                             | 6,521                            |
| VIII. Unclassified expenditure                       | 19,000                            | 13,000                            | 21,035                           |
| Deduct cost of working the Kolar Gold Fields Railway | 4,63,529                          | 4,60,824                          | 4,57,932                         |
| Total                                                | 4,68,928                          | 4,60,834                          | 4,67,902                         |

7. *Abstract E—General charges.*—The provision in the estimate under this abstract amounts to Rs. 2,92,901, or Rs. 8,512 in excess of the sanctions for the previous half-year. An increase of Rs. 5,020 is due to the higher charges in home expenditure on account of the fees for inspection of stores and to the Inspector's salary now charged to this head but formerly passed through the stores accounts. There are also increases for the salaries of Indian management on account of the inclusion of exchange compensation allowance and in consequence of the appointment of two extra Assistant Auditors and a higher rate of pay to be disbursed to the Medical officer. The following table shows the details of the charges in comparison with previous half-years:—

|                                                      | Estimate for second half of 1894. | Sanctions for first half of 1894. | Actuals for second half of 1893. |
|------------------------------------------------------|-----------------------------------|-----------------------------------|----------------------------------|
| I. General administration                            | Rs. 39,020                        | Rs. 34,000                        | Rs. 43,134                       |
| II. Salaries of Indian management including offices  | 1,33,769                          | 1,23,222                          | 1,26,426                         |
| III. Police                                          | 21,638                            | 21,693                            | 18,272                           |
| IV. Advertising                                      | 3,000                             | 3,000                             | 2,164                            |
| V. Electric telegraph                                | 73,354                            | 72,674                            | 51,544                           |
| VII. Unclassified expenditure                        | 27,800                            | 27,800                            | 31,045                           |
| Deduct sum chargeable to Fire Insurance Fund         | 2,98,801                          | 2,87,389                          | 2,79,887                         |
| Total                                                | 8,000                             | 3,000                             | 4,200                            |
| Deduct cost of working the Kolar Gold Fields Railway | 2,95,801                          | 2,84,389                          | 2,75,387                         |
| Net Total                                            | 2,900                             | ..                                | ..                               |
| Net Total                                            | 2,92,901                          | 2,84,389                          | 2,75,387                         |

8. *Abstract G—Special and miscellaneous expenditure.*—The estimate shows an increase of Rs. 17,350 over the sanctions for previous half-year. This is due to (i) higher assessment by the Madras Municipality, (ii) mileage and demurrage of foreign stock, (iii) loss by exchange, and (iv) a charge of Rs. 10,000 for commission and

stamps on renewal of debentures. Particulars of estimate are given in the following table:—

|                                                      | Estimate for second half of 1894. | Sanctions for first half of 1894. | Actuals for second half of 1893. |
|------------------------------------------------------|-----------------------------------|-----------------------------------|----------------------------------|
| I. Law charges                                       | Rs. 1,000                         | Rs. 1,000                         | Rs. 947                          |
| II. Compensation                                     | 3,000                             | 3,000                             | 4,076                            |
| III. Rates and taxes including municipal water rates | 12,000                            | 7,000                             | 6,793                            |
| IV. Payments to other lines                          | 10,000                            | 9,400                             | 224                              |
| V. Prizes for station gardens, &c.                   | 1,000                             | 1,000                             | 87                               |
| VI. Contributions                                    | 23,000                            | 23,000                            | 20,988                           |
| VII. Miscellaneous                                   | 24,160                            | 10,910                            | 8,789                            |
| Total                                                | 73,160                            | 65,310                            | 41,740                           |
| Deduct sum chargeable to Fire Insurance Fund         | 1,000                             | 1,000                             | 1,790                            |
| Total                                                | 72,160                            | 64,310                            | 39,950                           |
| Deduct cost of working the Kolar Gold Fields Railway | 500                               | ..                                | ..                               |
| Net Total                                            | 71,660                            | 64,310                            | 39,950                           |

(Signed) F. R. UPCOTT,  
Consulting Engineer for Railways.  
12th July 1894.

ORDER—dated 17th July 1894, No. 398 R., Public Works.

Approved.

2. Nine copies of the establishment rolls and working estimates, Madras Railway, for the half-year ending 31st December 1894, with note thereon by the Consulting Engineer for Railways, will be forwarded to the Government of India.

[Here enter No. 399 R., dated 17th July 1894.]

(True Extract.)

(Signed) F. R. UPCOTT,  
Joint Secy. to Govt., P.W.D.,  
Railway Branch.

To the Agent and Manager, Madras Railway.  
" Examiner, Railway Accounts, Madras.

ENDORSEMENT—dated 17th July 1894, No. 399 R., Public Works.

Forwarded.

(By Order.)

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

RAILWAY.

Gobt. of {1894} Madras.  
PUBLIC WORKS.

Dated July, 17th.

Recd.

Encl.

G.O., 17th July 1894, Nos. 398,  
399 R.

JULY.

**Madras Railway**

Forwarding copies of the establishment  
rolls and working estimates — for half-year  
ending 31st December 1894 with note  
thereon by the Consulting Engineer for  
Railways.

(No. 11.)

No. 8081  
537

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

MADRAS, 17<sup>th</sup> July 1894

From

The Agent and Manager.

H. K. V.

To

The Consulting Engineer for Railways.

SIR,

Madras

In compliance with the request  
contained in your letter of 20<sup>th</sup> of the 28<sup>th</sup> ultimo,  
I have the honour to forward herewith 30 copies  
of the Establishment Estimates of the Madras  
Railway for the half year ending 31<sup>st</sup> December 1894.

I have the honour to be,

Sir,

Your most obedient servant,

H. K. V.

Agent & Manager.

2942

Recd 12-7-94

NOTE ON THE ESTABLISHMENT ROLLS AND WORKING ESTIMATES,  
MADRAS RAILWAY, FOR THE HALF-YEAR ENDING  
31ST DECEMBER 1894.

The estimates for the half-year ending 31st December 1894 have been prepared for an expenditure of Rs. 27,67,340, being Rs. 16,930 less than the sanctions for the first half of the year. The decrease results from lower expenditure of Rs. 52,070 under Abstracts B and C and heavier outlay of Rs. 35,140 under all the remaining abstracts. The following statement shows the estimated figures for the second half of 1894, the sanctions for the first half of 1894, and the actuals for the second half of 1893:—

| Main heads.                               | Abstract. | Estimate for second half of 1894. |                              | Sanctions for first half of 1894. |                              | Actuals for second half of 1893. |                              |
|-------------------------------------------|-----------|-----------------------------------|------------------------------|-----------------------------------|------------------------------|----------------------------------|------------------------------|
|                                           |           | Rupces.                           | Per cent. on gross earnings. | Rupces.                           | Per cent. on gross earnings. | Rupces.                          | Per cent. on gross earnings. |
| Maintenance of way, works and stations .. | A         | 5,94,153                          | 11.13                        | 5,92,950                          | 11.10                        | 6,07,835                         | 11.65                        |
| Locomotive expenses ..                    | B         | 9,59,917                          | 17.97                        | 9,96,791                          | 18.67                        | 9,98,250                         | 19.13                        |
| Carriage and wagon expenses ..            | C         | 3,89,770                          | 7.30                         | 4,04,998                          | 7.68                         | 2,58,265                         | 4.93                         |
| Traffic expenses ..                       | D         | 4,58,929                          | 8.49                         | 4,50,834                          | 8.44                         | 4,57,902                         | 8.77                         |
| General charges ..                        | E         | 2,92,901                          | 5.39                         | 2,84,389                          | 5.33                         | 2,75,387                         | 5.28                         |
| Special and miscellaneous expenditure ..  | G         | 71,660                            | 1.24                         | 54,310                            | 1.02                         | 39,980                           | 0.76                         |
| Total ..                                  |           | 27,67,340                         | 51.82                        | 27,84,270                         | 52.14                        | 26,37,689                        | 50.54                        |

2. Abstract A—Maintenance of way, works and stations.—Under "General Superintendence" provision has been made for the introduction of the revised scale of Engineers submitted for the sanction of the Government of India with letter No. 53 D., dated 26th April 1894. This scale provides for the abolition of the post of Deputy Chief Engineer when the present Chief Engineer retires on 23rd August and the appointment of an extra second-class Engineer to be Personal Assistant at headquarters with a special allowance of Rs. 200 per mensem. These proposals will, during the present half-year, result in a saving of Rs. 3,249. The payment of Mr. Stoney's personal allowance of Rs. 192 for the full half-year and the provision of Rs. 4,600 for exchange compensation allowance exceed the above saving by Rs. 1,598 which is the net increase under Engineer's salary. The remaining items under "General Superintendence" call for no remark, the total increase amounting to only Rs. 564. Heavier outlay of Rs. 5,544 and Rs. 4,467 is provided for under "Maintenance and Renewal of Permanent-way" and "Repairs of Bridges" respectively to meet the cost of the extra gangs required for the Kolar Gold Fields Railway, the raising of the line and increasing the water-way at mileage <sup>108</sup> 108, North-west line, stone ballasting portions of the South-west line and heavy repairs to fencing. The remaining sub-heads show savings aggregating Rs. 4,590.

MADRAS RAILWAY.  
From The Agent and Manager.  
To The Consulting Engineer  
for Railways.  
Dated 188  
No.

The expenditure by main heads contrasts with the sanctions for the first half of 1894 and the actuals of the second half of 1893 as follows:—

|                                                          | Estimate for second half of 1894. | Sanctions for first half of 1894. | Actuals for second half of 1893. |
|----------------------------------------------------------|-----------------------------------|-----------------------------------|----------------------------------|
| I. General superintendence .. ..                         | Rs. 1,47,403                      | Rs. 1,43,241                      | Rs. 1,42,434                     |
| II. Maintenance and renewals of permanent-way .. ..      | 3,18,771                          | 3,13,227                          | 2,57,823                         |
| III. Repairs of bridges, &c. .. ..                       | 42,617                            | 33,150                            | 39,048                           |
| IV. Repairs of stations and buildings .. ..              | 60,140                            | 63,180                            | 77,643                           |
| VI. New minor works .. ..                                | 11,085                            | 11,085                            | 12,683                           |
| VII. Unclassified expenditure .. ..                      | 95,517                            | 97,037                            | 78,524                           |
| Total .. ..                                              | 6,75,533                          | 6,67,950                          | 6,07,857                         |
| Less value of stores returned to stock .. ..             | 75,000                            | 75,000                            | 22                               |
| Total .. ..                                              | 6,00,533                          | 5,92,950                          | 6,07,835                         |
| Less cost of working the Kolar Gold Fields Railway .. .. | 6,400                             | ..                                | ..                               |
| <b>Net Total</b> .. ..                                   | <b>5,91,133</b>                   | <b>5,92,950</b>                   | <b>6,07,835</b>                  |

3. *Abstracts B and C—Locomotive and carriage and wagon expenses.*—Under "General Superintendence" an increase of Rs. 3,271 is provided for. The absence of the Deputy Locomotive Superintendent and the higher pay drawn by the Locomotive Superintendent result in an increase of Rs. 97 which, together with Rs. 2,500 for exchange compensation allowance, brings the total outlay on the superior staff to Rs. 2,597 in excess of the previous sanctions. Under Subordinate Superintendence no provision has been made for the carriage painter or blacksmith and it is proposed to abolish the latter appointment. The post of Foreman at Bangalore has been ~~revived~~ and a sum of Rs. 2,500 has been entered for exchange compensation allowance. The result of these measures, together with a slight addition to the provision for allowances, is a net increase of Rs. 2,180. A small saving of Rs. 1,506 is anticipated under office expenses. The total cost of "General Superintendence" is estimated at Rs. 85,639 and has been divided between abstracts B and C in the proportion of Rs. 59,947 and Rs. 25,692 respectively.

4. After deducting Rs. 10,500 on account of the Kolar Gold Fields Railway, the total expenditure provided for in abstract B amounts to Rs. 9,59,947, or Rs. 36,844 less than the previous sanctions. "Running expenses" show a decrease of Rs. 4,279, practically due to reductions in uncovenanted firemen. A heavier outlay of Rs. 9,231 is anticipated under "Fuel" in consequence of greater engine mileage consumption resulting from the haulage of increased loads. Under "Unclassified expenditure" there are decreases of Rs. 20,000 for "Loss by exchange" and Rs. 5,500 for "Carriage of revenue stores." The adjustments between sub-heads VI and VI-A result in but little variation in expenditure and the remaining items call for no comment. The appended table shows the estimate for the half-year contrasted with the previous sanctions and actuals:—

#### ABSTRACT B.

|                                                                   | Estimate for second half of 1894. | Sanctions for first half of 1894. | Actuals for second half of 1893. |
|-------------------------------------------------------------------|-----------------------------------|-----------------------------------|----------------------------------|
| I. General superintendence .. ..                                  | Rs. 59,947                        | Rs. 57,653                        | Rs. 68,426                       |
| II. Running expenses .. ..                                        | 1,87,374                          | 1,91,683                          | 1,88,540                         |
| III. Fuel .. ..                                                   | 8,77,597                          | 3,68,366                          | 3,83,020                         |
| IV. Water .. ..                                                   | 14,000                            | 14,000                            | 13,134                           |
| V. Oil, tallow and other stores expended on engines in work .. .. | 22,000                            | 25,000                            | 22,008                           |
| VI. Maintenance and renewals of locomotive engines .. ..          | 2,31,000                          | 1,93,614                          | 2,56,590                         |
| VI-A Maintenance and renewals of machinery, tools and plant .. .. | 4,029                             | 46,500                            | 5,182                            |
| VII. New minor works .. ..                                        | 1,500                             | 1,500                             | ..                               |
| IX. Unclassified expenditure .. ..                                | 73,000                            | 98,500                            | 67,250                           |
| Total, Locomotive expenditure .. ..                               | 9,70,447                          | 9,96,791                          | 9,98,250                         |
| Deduct cost of working the Kolar Gold Fields Railway .. ..        | 10,500                            | ..                                | ..                               |
| <b>Total</b> .. ..                                                | <b>9,59,947</b>                   | <b>9,96,791</b>                   | <b>9,98,250</b>                  |

6. Excluding Rs. 4,100, the amount debitable to the Kolar Gold Fields Railway, the expenditure allowed for under Abstract C is Rs. 3,89,770, or Rs. 15,226 less than the previous sanctions. The total provision for "Repairs and renewals of vehicles" and "Repairs and renewals of machinery, tools and plant" is almost identical with the sanctions for the first half of the year, but considerably less outlay is anticipated on coaching vehicles and a corresponding increase on goods stock. It is proposed to renew 120 covered goods wagons at a cost of Rs. 1,92,000, the outlay for the previous half-year being Rs. 1,60,000. The following statement contrasts by main heads the present estimate with the previous sanctions and actuals:—

ABSTRACT C.

|                                                                  | Estimate for<br>second half<br>of 1894. | Sanctions for<br>first half<br>of 1894. | Actuals for<br>second half<br>of 1893. |
|------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|----------------------------------------|
| I. General superintendence .. ..                                 | Rs. 25,692                              | Rs. 24,710                              | Rs. 17,106                             |
| II. Repairs and renewals of vehicles ..                          | 3,11,178                                | 2,88,168                                | 1,83,203                               |
| II-A Repairs and renewals of machinery,<br>tools and plant .. .. | 3,000                                   | 29,000                                  | 3,483                                  |
| III. Cleaning carriages and wagons and<br>oiling .. ..           | 32,500                                  | 32,600                                  | 32,133                                 |
| IV. New minor works .. ..                                        | 21,600                                  | 33,500                                  | 22,340                                 |
| V. Unclassified expenditure .. ..                                |                                         |                                         |                                        |
| Total .. ..                                                      | 3,93,870                                | 4,04,998                                | 2,58,265                               |
| Deduct cost of working the Kolar Gold<br>Fields Railway .. ..    | 4,100                                   |                                         |                                        |
| Total .. ..                                                      | 3,89,770                                | 4,04,998                                | 2,58,265                               |

6. *Abstract D—Traffic Department.*—A small increase of Rs. 8,095 occurs under Traffic Department, which is due to increments of salaries, provision for exchange compensation allowance and the fall of exchange. The cost of working the Kolar Gold Fields Railway is estimated at Rs. 4,600 and is not included in the increase of Rs. 8,095 above noted. The following tabular statement exhibits the estimated figures for the second half of 1894, the sanctions for the first half of 1894, and the actuals for the second half of 1893:—

|                                                               | Estimate for<br>second half<br>of 1894. | Sanctions for<br>first half<br>of 1894. | Actuals for<br>second half<br>of 1893. |
|---------------------------------------------------------------|-----------------------------------------|-----------------------------------------|----------------------------------------|
| I. Salaries, wages, &c. .. ..                                 | Rs. 3,31,843                            | Rs. 3,25,208                            | Rs. 3,06,802                           |
| II. Fuel, lighting, water and general<br>stores .. ..         | 58,320                                  | 58,320                                  | 78,727                                 |
| III. Clothing .. ..                                           | 6,000                                   | 6,000                                   | 4,149                                  |
| IV. Printing, stationery and tickets ..                       | 37,818                                  | 37,818                                  | 38,514                                 |
| V. Charges for delivery and collection<br>of goods, &c. .. .. | 1,000                                   | 1,000                                   | 932                                    |
| VI. Miscellaneous expenses .. ..                              | 2,543                                   | 2,488                                   | 2,352                                  |
| VII. Payments to other lines .. ..                            | 7,000                                   | 7,000                                   | 6,521                                  |
| VIII. Unclassified expenditure .. ..                          | 19,000                                  | 13,000                                  | 21,035                                 |
| Total .. ..                                                   | 4,63,829                                | 4,60,824                                | 4,57,922                               |
| Deduct cost of working the Kolar Gold<br>Fields Railway .. .. | 4,600                                   |                                         | 30                                     |
| Total .. ..                                                   | 4,58,929                                | 4,60,824                                | 4,57,902                               |

7. *Abstract E—General charges.*—The provision in the estimate under this abstract amounts to Rs. 2,92,901, or Rs. 8,512 in excess of the sanctions for the previous half-year. An increase of Rs. 5,020 is due to the higher charges in home expenditure on account of the fees for inspection of stores and to the Inspector's salary now charged to this head but formerly passed through the stores accounts. There are also increases for the salaries of Indian management on account of the inclusion of exchange compensation allowance and in consequence of the appointment of two extra Assistant Auditors and a higher rate of pay to be disbursed to the Medical officer.

The following table shows the details of the charges in comparison with previous half-years:—

|                                                         | Estimate for second half of 1891. | Sanctions for first half of 1891. | Actuals for second half of 1893. |
|---------------------------------------------------------|-----------------------------------|-----------------------------------|----------------------------------|
|                                                         | rs.                               | rs.                               | rs.                              |
| I. General administration ..                            | 39,020                            | 34,000                            | 43,134                           |
| II. Salaries of Indian management including offices ..  | 1,33,769                          | 1,28,222                          | 1,26,426                         |
| III. Police ..                                          | 21,858                            | 21,693                            | 18,273                           |
| IV. Advertising ..                                      | 3,000                             | 3,000                             | 2,166                            |
| V. Electric telegraph ..                                | 72,354                            | 72,674                            | 83,644                           |
| VII. Unclassified expenditure ..                        | 27,800                            | 27,800                            | 31,045                           |
| Total ..                                                | 2,98,801                          | 2,87,389                          | 2,79,587                         |
| Deduct sum chargeable to Fire Insurance Fund ..         | 3,000                             | 3,000                             | 4,200                            |
| Total ..                                                | 2,95,801                          | 2,84,389                          | 2,75,387                         |
| Deduct cost of working the Kolar Gold Fields Railway .. | 2,900                             | ..                                | ..                               |
| <i>Net Total</i>                                        | 2,92,901                          | 2,84,389                          | 2,75,387                         |

8. Abstract G—Special and miscellaneous expenditure.—The estimate shows an increase of Rs. 17,350 over the sanctions for previous half-year. This is due to (1) higher assessment by the Madras Municipality, (ii) mileage and demurrage of foreign stock, (iii) loss by exchange, and (iv) a charge of Rs. 10,000 for commission and stamps on renewal of debentures. Particulars of estimate are given in the following table:—

|                                                         | Estimate for second half of 1894. | Sanctions for first half of 1894. | Actuals for second half of 1893. |
|---------------------------------------------------------|-----------------------------------|-----------------------------------|----------------------------------|
|                                                         | rs.                               | rs.                               | rs.                              |
| I. Law charges ..                                       | 1,000                             | 1,000                             | 947                              |
| II. Compensation ..                                     | 3,000                             | 3,000                             | 4,076                            |
| III. Rates and taxes including municipal water rates .. | 12,000                            | 7,000                             | 6,783                            |
| IV. Payments to other lines ..                          | 10,000                            | 9,400                             | 224                              |
| V. Prizes for station gardens, &c. ..                   | <del>2,000</del>                  | 1,000                             | 87                               |
| VI. Contributions ..                                    | 23,000                            | 23,000                            | 20,988                           |
| VII. Miscellaneous ..                                   | 24,160                            | 10,910                            | 8,789                            |
| Total ..                                                | 73,160                            | 55,310                            | 41,740                           |
| Deduct sum chargeable to Fire Insurance Fund ..         | 1,000                             | 1,000                             | 1,790                            |
| Total ..                                                | 72,160                            | 54,310                            | 39,950                           |
| Deduct cost of working the Kolar Gold Fields Railway .. | 500                               | ..                                | ..                               |
| <i>Net Total</i>                                        | 71,660                            | 54,310                            | 39,950                           |

12<sup>th</sup> July 1894.

(Signed) F. R. Elphinstone

Committee Engineer & Ry.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Letter from the Agent &  
Manager Madras Railway  
Submitting Establishment  
List M. R. for the 2<sup>nd</sup> half  
of 1894

H. 2. N. =  $\frac{8081}{527}$  9 4 July 1894.

Note by E. R. ————— H. 2. N. = ————— of 12 —————

Approved.

2. Give copies of the Establishment List Rolls and working estimates in R. for the half year ending 31<sup>st</sup> Decr 1894 with note thereon by the Assistant Engineer for Railways will be forwarded to the Secy of India.

To the Agent & Manager M. R.  
& Examiner R. R. Anti Madras

H. 2. N. = R 9 July 1894

DESPATCHED  
24 JUL. 94

Forwarded

Filed  
12/7/94

D. R.

12-7-94

To the Secretary  
to the Secy of India  
P. W. D.

6081  
12-7