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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 3719

Press

~~Mis.~~

174-175

Dated 8 - 12 - 18 65.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
8th December 1865.*

No. 174. Read the following Endorsement of the Consulting Engineer for Railways, dated Madras, 29th November 1865, No. 588:—

Read the following letter from the Agent and Manager, Madras Railway Company, to the Consulting Engineer for Railways, dated Madras, 22nd November 1865, No. 829.

* To be returned.

1. I have the honor to submit, in original, a letter* dated the 20th instant, No. 240, from the Locomotive Superintendent, in reply to Colonel O'Connell's communication of the 29th November 1864, No. 991, having reference to the staff of Clerks employed in preparing the accounts of the Locomotive Department.

† No. 340, 21st September 1865.

2. You will observe by the accompanying copy of a letter† from the Chief Accountant, that in accordance with Colonel O'Connell's suggestion, that officer personally visited the Accounts Department at Perambore, and reported, that it would be found beneficial to strengthen the office, more especially as regards supervision.

3. Under these circumstances, and with reference to our conversation of yesterday at the Stores Committee, I beg to apply for the sanction of Government to carry into effect the charges, &c. &c., recommended by the Locomotive Superintendent at an increased expenditure of Rupees 840-8-0 per mensem.

4. I shall also feel obliged by your communicating authority for the disbursement of salary to Mr. Hughes, at the rate of Rupees 100 per mensem, from the 1st November 1864, and to the Corresponding Clerk at the rate of Rupees 150 per mensem, from the 7th August last, sanction for the remainder of the changes being solicited from the 1st instant.

5. I beg to annex a list of Mr. Wright's present and proposed office establishment.

List of the Locomotive Superintendent's present and proposed Office Establishment.

No.	Present Establishment sanctioned.	Amount.			No.	Proposed Establishment.	Amount.		
		RS.	A.	P.			RS.	A.	P.
1	Head Clerk ...	150	0	0	1	Head Clerk ...	200	0	0
2	Clerks, at Rs. 70 ...	140	0	0	1	Corresponding Clerk ...	150	0	0
2	Do. at „ 60 ...	120	0	0	2	Clerks at Rs. 100 ...	200	0	0
3	Do. at „ 50 ...	150	0	0	2	Do. at „ 60 ...	120	0	0
2	Do. at „ 45 ...	90	0	0	4	Do. at „ 50 ...	200	0	0
3	Do. at „ 40 ...	120	0	0	4	Do. at „ 40 ...	160	0	0
5	Do. at „ 35 ...	175	0	0	4	Do. at „ 35 ...	140	0	0
6	Do. at „ 30 ...	180	0	0	10	Do. at „ 30 ...	300	0	0
12	Do. at „ 25 ...	300	0	0	16	Do. at „ 25 ...	400	0	0
17	Do. at „ 20 ...	340	0	0	20	Do. at „ 20 ...	400	0	0
31	Do. at „ 15 ...	465	0	0	40	Do. at „ 15 ...	600	0	0
1	Store-keeper ...	25	0	0	1	Store-keeper (European) ...	160	0	0
1	Timber-keeper ...	25	0	0	1	Assistant do. ...	60	0	0
1	Time-keeper ...	20	0	0	2	Delivery Clerks at Rs. 25 ...	50	0	0
1	Draughtsman ...	100	0	0	1	Draughtsman ...	100	0	0
1	Do. ...	60	0	0	1	Do. ...	60	0	0
1	Moochie ...	10	8	0	1	Moochie ...	10	0	0
1	Do. ...	8	0	0	1	Do. ...	9	0	0
2	Duffadars, at Rs. 10 ...	20	0	0	2	Duffadars at Rs. 10 ...	20	0	0
2	Naigues at „ 8 ...	16	0	0	4	Naigues at „ 8 ...	32	0	0
71	Peons at „ 7 ...	497	0	0	74	Peons at „ 7 ...	518	0	0
5	Do. at „ 6 ...	30	0	0					
1	Surgery Cooly ...	7	0	0					
	Total ...	3,018	8	0		Total ...	3,839	0	0

(Signed) R. B. ELWIN,
Agent and Manager.

*Proceedings of the Madras Government, Public Works Department,
31st December 1865.*

From the Locomotive Superintendent, to the Agent and Manager Madras Railway Company, dated
Perambore Works, 20th November 1865, No. 240.

1. With reference to the correspondence marginally noted, and your letter No. 177 of the 25th September, forwarding copy of the Report of the Chief Accountant on his inspection of the Account branch of this Department, I beg to submit for your information my views regarding the necessary staff.

2. The present Office Establishment received the sanction of Government on the 2nd August and 24th September 1861.

3. The extent of line then open was 264 miles, and since that time the following extensions have taken place :—

South-West Line from Salem to Puttamby	...	...	...	159 Miles.
Do. from Jolarapet to Bangalore	...	...	...	84 "
North-West Line from Nagherry to Cuddapah	...	...	...	102 "

Total ... 345 Miles.

so that at the present time we have 609 miles of line open, being more than double the mileage for which my Office staff was intended to provide.

4. The number of engines and vehicles at that time on the line were as follows :—

Engines...	...	...	43
Vehicles of all descriptions	...	...	1,005

5. The number now on the line is as follows :—

Engines...	...	...	80
Vehicles of all descriptions	...	...	2,353

6. The gross mileage of engines in September 1861, was as follows :—

South-West line	...	...	46,836
North-West line	...	...	3,064

Total... 49,900

7. The gross mileage of engines in September 1865, was as follows :—

South-West line	...	...	117,000
North-West line	...	...	21,066

Total... 141,066

8. It is therefore obvious that a very great increase of work must have fallen upon this Office, and to make it efficient I consider that the undermentioned alterations in the staff are necessary as shown in the following Statement of the present and proposed Establishment :—

No.	Present Establishment sanctioned.	Amount.	No.	Proposed Establishment.	Amount.
		RS. A. P.			RS. A. P.
1	Head Clerk	150 0 0	1	Head Clerk	200 0 0
2	Clerks at Rs. 70	140 0 0	1	Corresponding Clerk ...	150 0 0
3	Do. at ,, 60	120 0 0	2	Clerks at Rs. 100	200 0 0
2	Do. at ,, 50	150 0 0	2	Do. at ,, 60	120 0 0
3	Do. at ,, 45	90 0 0	4	Do. at ,, 50	200 0 0
3	Do. at ,, 40	120 0 0	4	Do. at ,, 40	160 0 0
5	Do. at ,, 35	175 0 0	4	Do. at ,, 35	140 0 0
6	Do. at ,, 30	180 0 0	10	Do. at ,, 30	300 0 0
12	Do. at ,, 25	300 0 0	16	Do. at ,, 25	400 0 0
17	Do. at ,, 20	340 0 0	20	Do. at ,, 20	400 0 0
31	Do. at ,, 15	465 0 0	40	Do. at ,, 15	600 0 0
1	Store-keeper	25 0 0	1	Store-keeper (European)	160 0 0
1	Timber-keeper	25 0 0	1	Assistant do.	60 0 0
1	Time-keeper	20 0 0	1	Delivery Clerks at Rs. 25	50 0 0
1	Draughtsman	100 0 0	2	Draughtsman	100 0 0
1	Do.	60 0 0	1	Do.	100 0 0
1	Moochie	10 8 0	1	Moochie	10 0 0
1	Do.	8 0 0	1	Do.	10 0 0
2	Duffadars at Rs. 10	20 0 0	1	Duffadars at Rs. 10	20 0 0
2	Naigues at ,, 8	16 0 0	2	Naigues at ,, 8	32 0 0
71	Peons at ,, 7	497 0 0	4	Peons at ,, 7	518 0 0
5	Do. at ,, 6	30 0 0			
1	Surgery Cooly at ,, 7	7 0 0			
		3,048 8 0			3,889 0 0

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31st December 1865.*

9. The Chief Accountant's report is quite confirmatory of my own views, and I beg particularly to refer you to the following paragraph of his letter on the subject: "The result of my observations is that the work is very creditably done by the present staff but that in consequence of the extension of the line and other causes, it is fast out-growing their capacity. Instead therefore of reducing, it will be found beneficial to strengthen the Locomotive Superintendent's Account Office, more especially as regards supervision."

10. The receipt and issue of stores in this Department has now become a very important part of the business of this Office, and the supplying and accounting necessary for the proper management of stores for this large working establishment, and for the numerous out-stations, involves a great amount of very responsible work. A really good man is required as Head Store-keeper for this Department, and to enable me to get a good European sufficiently trustworthy to have charge of our stores, and to check the up-country expenditure, take periodical stock, &c., I require sanction for a salary of Rupees 160 per mensem. The issues of iron alone takes up the entire time of one clerk, and the numerous issues of various articles connected with engine repairs, and carriage and waggon building and repairs involve a great amount of work.

11. The Store branch of this Department to be efficient will require—

1 European Store-keeper...	Rs. 160	} All to give security.
1 Assistant do.	60	
2 Delivery Clerks at Rupees 25 each...	50	

12. I propose to place my present Office Assistant Mr. Firth in charge of the Office, with the view of strengthening the superintendence in the Account Office, as I quite concur with Mr. Church in thinking that so important a branch of this establishment requires more efficient supervision than it has at present. The removal of Mr. Firth to the Account Office will necessitate the strengthening of the Correspondence Office. I cannot get a man sufficiently well qualified to draft letters and attend to this work under Rupees 150 per mensem, and I have accordingly entered that sum for sanction.

13. I now beg to draw your attention to paragraph 2 of my letter No. 106, dated 25th May 1865, in which I stated as follows :

"On receipt of Colonel O'Connell's letter*
"I ordered some alteration in the mode of keeping
"the account of labor on engines, vehicles, &c.,
"with the view of reducing the work, and consequently the staff of Accountants and Clerks,
"but I find nevertheless that I can make no reduction without affecting the efficiency of the
"Office ; and I have been unable to dispense with the services of the Clerk, Mr. Hughes, who was
"formerly drawing salary as a Draughtsman ; and I shall be glad if the Government will be pleased
"to sanction his permanent employment at the rate of Rupees 100 per mensem, from the date on
"which he ceased to draw pay under the head of Draughtsman, namely, the 1st November 1864."

14. This sanction has not been received as yet, as I believe that you deferred applying for it pending the receipt of Mr. Church's report which was made to you on the 21st of last September. I was necessitated in consequence to advance Mr. Hughes his salary out of the Office funds, pending adjustment hereafter. The advances so made to him from 1st November 1864 to 31st October 1865, amount to Rupees 1,200, being his salary for 12 months at the rate of Rupees 100 per mensem.

15. From the 1st November last we have drawn on account of the sanctioned Establishment of Clerks alone Rupees 26,133-12-0 only, whilst the total amount sanctioned by Government for this purpose would, had it been drawn, have amounted to Rupees 27,600, or 1,466-4-0 more than has been drawn. This sum so under-drawn is exclusive of a much larger sum under-drawn on account of Draughtsmen, Peons, and other employes for whom I have sanction, but the whole of the sanctioned appointments of Clerks being filled up I had no vacancy wherein to place Mr. Hughes, and could not therefore avail myself of the surplus money sanctioned, which surplus arises in consequence of some of the Clerks being rated at lower salaries than those sanctioned.

16. The Government Consulting Engineer in his letter No. 991 of 29th November 1864, having prohibited me from any longer drawing salary for Mr. Hughes under the sanction given for draughtsmen, I endeavoured by introducing alterations in the Office to do without his services, but found that with the increasing work it was impossible to dispense with them without affecting efficiency of the Office, which even with the assistance of Mr. Hughes is, in my opinion, weak in supervision, considering the complicated and extensive accounts which the nature of our work renders necessary.

17. In my letter No. 321 of 26th November 1864, I stated that I intended to solicit sanction for an addition to my Office establishment, with reference to which Colonel O'Connell, the then Consulting Engineer, in his letter No. 991, dated 29th November 1864, expressed himself as follows : "Paragraph 3. There are at present 84 Clerks in the Locomotive Superintendent's Office

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8th December 1865.*

"This is a very large establishment, and before any addition is made to it I would suggest, for your consideration, the advisability of deputing an officer from the Account Department to ascertain whether any reduction can be effected in the details of work, by which the demand for extra hands may be curtailed." Whilst on the one hand pressed for a speedy delivery of accounts already greatly in arrears, and on the other hand curtailed in the staff which I deemed necessary, I had no alternative but either to allow my accounts to fall in arrears or to take temporary measures for keeping them up.

18. By the exertions of the Head Clerk Mr. Bartoli, aided by Mr. Hughes, the accounts have been got into a much more forward and satisfactory state than they were when Mr. Bartoli took over charge, and our Store and Workshop accounts are now in such a state as will enable us to render them for the future at a much earlier date than has hitherto been the practice.

19. Mr. Firth has for some time since past devoted considerable attention to the Account Office, and I have been under the necessity of employing an additional Correspondent Clerk who has now been in the Office since the 7th August.

20. Under the above circumstances, I trust that the Government may be pleased to sanction the amount of the arrears of salary to Mr. Hughes, amounting to Rupees 1,200, and may also allow me to draw salary for the Correspondent Clerk mentioned in the proposed increased Establishment in arrears from the 7th August last, the remainder of the sanction solicited to take effect from the 1st of this month.

From the Chief Accountant, to the Agent and Manager, Madras Railway Company, dated Madras, 21st September 1865, No. 310.

1. Agreeably with the instructions contained in your letter No. 157, dated 27th May, I have inspected the Accountant's Office of the Locomotive Department, with a view to ascertain what staff is necessary to dispose of the work which is entailed in keeping the Accounts, &c., of that Department.

2. I find that this is only to be satisfactorily ascertained by a careful, close, and constant watching of the working of the Office.

3. The exact and minute distribution of the labor of some 3,000 or 4,000 men in detail to each particular work on which, from day to day, they may be engaged, and the daily appropriation of stores also in very minute quantities for each Locomotive, or for the re-painting or repairs of carriages, waggon, &c., cannot possibly be prepared, so as to afford reliable information without recourse being had to a system of check and counter-check, involving the employment of many hands.

4. You are aware that under the present system an account is opened with each engine, carriage, &c., the Company have; as also of the mileage, running expenses, and repairs of the former, and the repairs of the two latter.

5. This system necessarily entails the keeping of very many more accounts than would be required if our expenditure was classified simply as "Locomotive," "Carriage or Waggon expenditure," but I am sure the Consulting Engineer will appreciate the value, as well as the importance of keeping an account with each vehicle as at present.

6. The returns themselves of the Locomotive Department as they reach this Office, and subsequently by that of the Consulting Engineer, are so condensed as to afford a very inadequate idea indeed of the amount of labor expended in arriving at what appear to us very simple results. The Muster Roll alone gives work to some twenty or twenty-five men for a week at the beginning of every month, and though this work could, no doubt, be done in less time by more expert hands, yet we should have to pay such men higher salaries than we now give, so there would be no economy in making a change of this kind.

7. The result of my observation is, that the work is very creditably done by the present staff; but that in consequence of the extension of the line, and other causes it is fast out-growing their capacity. Instead therefore of reducing, it will be found beneficial to strengthen the Locomotive Superintendent's Account Office, more especially as regards supervision. A large expenditure which is daily increasing, has to be efficiently watched and controlled. A large expenditure which is daily increasing, has to be efficiently watched and controlled. A large expenditure that it will prove to be true economy to relieve the Locomotive Superintendent of all anxiety with regard to the preparation of his accounts by the appointment of a duly qualified Officer for that duty

(True Copy.)

(Signed) R. B. ELWIN,
Agent and Manager.

1. Application is made by the Agent and Manager, on the solicitation of the Locomotive Superintendent, for increasing his Office Establishment.
2. The Locomotive Superintendent explains in his letter to the Agent, the necessity for the increase.

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8th December 1865.*

3. The work in the Locomotive Account Office is of a very complicated character, and before any specific information can be obtained numerous calculations have to be gone through. It is necessary, therefore, to employ a number of hands, on small salaries, to collect and arrange certain statistics, to adapt them for the condensed returns rendered to the Agent and Manager for submission to Government.

4. Major Prendergast, who visited the Locomotive Superintendent's Office, and inspected the books, is of opinion that an efficient and trained Accountant should be placed at once at the head of the Office. This point, however, I would leave for consideration and disposal on Mr. Kellner's arrival at Madras, to arrange the audit of the accounts of the Railway Company.

5. In the meantime I consider the increase proposed by the Locomotive Superintendent, and supported by the Agent and Manager to be very reasonable, and would recommend that the sanction of Government be granted, to the revised list of Establishment amounting to Rupees (3,889) three thousand eight hundred and eighty-nine, to have effect from the 1st instant.

6. I would also recommend, for reasons explained by the Locomotive Superintendent, that sanction be accorded for the disbursement of the sum of Rupees (100) one hundred per mensem, for an Accountant employed from the 1st November 1864, and for a Corresponding Clerk, at Rupees (150) one hundred and fifty per mensem, from the 7th August last.

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

No. 175. ORDER THEREON, 8th December 1865, No. 3,719.

RAILWAY, No. 16.

* Rupees 3,889.

1. On the recommendation of the Consulting Engineer, the Governor in Council sanctions, with effect from the 1st November 1865, the revised scale* of Office Establishment proposed for the Locomotive Superintendent of the Madras Railway. It is observed that the changes involve an increased expenditure of Rupees 840-8-0 per mensem.

2. With reference to paragraph 6 of Colonel Anderson's observations, the Government authorize the disbursement of the salaries of the Accountant and Corresponding Clerk who are reported to have been entertained in the Locomotive Superintendent's Department, the former from the 1st November 1864, and the latter from the 7th August 1865.

3. In future applications for increases to Railway Establishments, the Consulting Engineer will be good enough to quote the Orders sanctioning the existing staff.

(True Extract.)

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

To the Consulting Engineer for Railways, with three Enclosures.

Exd. S. T. Augustin.

800, 1865, Dec 1st
Proc. of Govt. of N.Y.
From The Consulting Engineer
for Railways

To The Secretary to the
D. P. N.
Govt. of N.Y.

Dated 29 Nov. 1865
Recd 1st Dec. 1865
No. 1588
Encls: 3 -

Observations on
Apprehension from the Asst. 2
Manager for increasing the
Establishment of the Locomo.
line Superintendents Office

No 174

no 3719 - 2nd Dec. 1865

1865 Dec. 1st

Proceedings of the Madras Government
Under date the 8th December 1865
Read the following

From the Consulting Engineer
for Railways

Observations on applⁿ (No. 29th Nov 1865 No. 588)

received from the Agent and
Manager for increasing the
Establishment of the Locomotive
Superintendent's Office.

* Rs 3,889

On the recommenda-
tion of the Comr Engr, the
Governor in Council
sanctions, with effect from
the 1st November 1865, the
revised scale of office
establishment proposed
for the Locomotive Supt.
of the Madras Railway.
It is observed that
the changes involve
an increased expenditure
of Rs 840-8-4 per annum.
With reference to
para 6 of Mr Anderson's obser-
vations, the Govt authorize
the disbursement of the
salaries of the Accountant
& Corresponding Clerk
who are reported to be

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been entertained in the
Locomotive Supts' Dept,
the former from the
1st November 1864, and
the latter from the 7th
August 1865.

In future applica-
tions for increases &
R₂ Establishments, the
Engr will be
good enough to
quote the orders sanc-
tioning the existing
staff —

A.B.

{ To Mr Engr for
R₂ with three
Encls ✓ Sept. 11th December
17

4th Nov 1865 Dep't
Proc. of Govt. for Dep't

No 2719.
Proc. of the M. Govt
22/8 Decr 65

Office Establishment for the
Locomotive Dept. of the Madras Railway
The revised scale of sanctioned
with effect from 1st December 1865.