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MADRAS RECORD OFFICE

Government of Madras

Public works

DEPARTMENT

G.O. No.	29 (Rij)	Press
B.P. No.		Mis.
64-65		
Dated	8-1-1874	195-

Not to be folded or roughly handled

33

*Proceedings of the Madras Government, Public Works Department,
8th January 1874.*

No. 64. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 18th November 1873, No. 615:—

I HAVE the honour to lay before His Excellency the Governor in Council a letter,* with enclosures, from the Agent of the Madras Railway Company, asking for authority to apply to the Board of Directors for a third-class Engineer in addition to the staff in that department at present sanctioned.

2. The strength of the Engineering Department of the Madras Railway has of late been the subject of considerable discussion, which is for the most part recorded in the following Proceedings of Government:—

29th May 1872,	No. 1,348.
22nd Nov. „ „	2,744.
31st Jan. 1873, „	324.
13th Feb. „ „	469.
21st March „ „	890.
8th Oct. „ „	2,470.

3. The present strength of the department consists of sixteen officers, who are distributed as follows:—

Chief Engineer...	...	...	...	...	...	1
Deputy Chief Engineer	...	...	...	...	...	1
Assistant at head-quarters in charge of terminal works, etc.	...	...	...	...	...	1
In charge of divisions on the open line	...	...	...	...	...	7
In charge of Cheyaur Bridge	...	...	...	...	...	1
In charge of protective works to Palar, Poinay, Gooriathum, and Naggery	...	...	...	...	...	1
Rivers	...	...	...	...	...	1
On leave in Europe	...	...	...	...	...	2
Not yet joined, to replace Mr. W. F. Potter, whose health will not allow him to return	...	...	...	...	...	1
Telegraph Engineer	...	...	...	...	...	1
						16

4. In the letter forwarded by the Agent, the Chief Engineer explains at length the reasons which have led him to apply for an additional officer. I am satisfied that these reasons are valid, and that there is urgent need for a temporary increase to the strength of the Engineering Department. I beg especially to draw attention to the second and fifth of the reasons cited by Mr. Going. It is within my knowledge that the health of at least two of the Engineers now in India is in a precarious state; and, if either of these officers was obliged to take sick leave, there would be great difficulty in carrying on the necessary work of the department. And, as explained by Mr. Going, should no case of sickness occur, it is highly desirable that the services of an additional officer should be temporarily available, in order to correct the survey and to verify the section and levels throughout the line, a work greatly needed and to which the Government of India attach much importance.

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8th January 1874.*

5. I have been obliged on several occasions of late to draw attention to the short-handed condition of the Engineering Department, and I agree with the Agent and the Chief Engineer in considering it right that measures should at once be taken for remedying the evil. In laying the subject before Government, I trust that His Excellency in Council will be pleased, under the special circumstances, to authorize the application for an additional Engineer, in anticipation of the approval of the Government of India.

From W. B. WRIGHT, Esq., Acting Agent and Manager of the Madras Railway Company, to Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, dated Madras, 15th November 1873, No 947.

I HAVE the honour to forward herewith in the usual form an application for authority to request the Directors to send out an additional third-class Engineer, besides the one recently applied for, to fill the vacancy occasioned by Mr. Potter's loss.

2. I am aware that the Government have expressed a desire that, so far from our Engineering staff being increased, some reduction in its present strength should be made, and I have consequently gone very carefully into the question with the Acting Chief Engineer, and I am convinced of the necessity of the present application. The circumstances under which it is made are fully explained in the enclosed copy of Mr. Going's letter, No. 757, dated the 10th instant.

3. I shall be glad to receive a reply to my letter with as little delay as possible.

MADRAS RAILWAY.
No. 948.

Application from the Agent and Manager requesting the sanction of Government to apply to the Railway Board of Directors for the undermentioned Officer:—

Department for which he is required.—Engineering. Nature of the appointment.—Third-class Assistant Engineer, £450 per annum. Number at present in the Company's service.—Two, and one not yet joined. Number required from England.—One. Grounds on which the application is made.—Inadequacy of the present Engineering staff to provide a special Engineer to take charge of the protective works to bridges, and to admit of the absence of other Engineers on necessary leave, etc.—Vide Acting Agent and Manager's letter, No. 947, of the 15th November 1873, and its enclosure. Remarks by the Consulting Engineer.—Recommended on special grounds, as a temporary increase to the strength of the Engineering Department.

MADRAS,
15th November 1873.

(Signed) W. B. WRIGHT,
Acting Agent and Manager.

To the Consulting Engineer for Railways.

(Signed) J. H. M. SHAW-STEWART, Lieut.-Colonel, R.E.,
Consulting Engineer for Railways.

From T. H. GOING, Esq., Acting Chief Engineer, to W. B. WRIGHT, Esq., Acting Agent and Manager of the Madras Railway Company, dated Madras, 10th November 1873, No. 757.

SEVERAL considerations lead me to the conclusion that it would be a judicious measure to increase the strength of the Engineering staff by the addition of still another member besides the one recently applied for to supply Mr. Potter's loss.

*Proceedings of the Madras Government, Public Works Department,
8th January 1874.*

Firstly.—A very large amount of leave has accumulated. Thus furlough is due to no less than seven of the Engineers now in India, and privilege leave, varying from one to three months, is also due in seven instances.

Secondly.—The health of two or three members of the staff is such as to cause apprehensions lest at any time they might become unfit for duty.

Thirdly.—The number of Engineers at present on the staff is fifteen, including the one recently applied for, and excluding the Telegraph Engineer.

2. They are thus distributed, viz. :—

On Divisions	...	...	...	...	...	...	...	...	...	7
Cheyaur Bridge	...	...	...	...	...	...	...	...	...	1
Protective Works	...	...	...	...	...	...	...	...	...	3
Chief Engineer's Office	...	...	...	...	...	...	...	...	...	2
Europe	...	...	...	...	...	...	...	...	...	1
Not yet joined	...	...	...	...	...	...	...	...	...	15

3. With the amount of furlough due, I must provide for the absence of not less than two Engineers in Europe at the same time during the next two or three years. It is also necessary to provide for one on privilege leave continuously. So that in the event of any member of the staff becoming unfit for duty by illness I should have no one to supply his place except by adding on the 1st Division, North-West Line, to the charge of Cheyaur works, and this is a course I should object to, or by placing the 1st Division, South-West Line, under the charge of the Engineer who has the protective works, and this cannot for a moment be thought of. Were such a necessity to arise, I should have to suspend the progress of those works. They will probably occupy two years to complete, if carried on without interruption.

Fourthly.—I have arranged for Mr. Smith's furlough commencing next month; his health requires it. I will also recommend that Mr. Stoney shall take his furlough from the date of Mr. West's return to duty. As I have already shown that furlough is due to seven members of the Engineering staff in India, the necessity for working off this accumulation of leave needs no further explanation.

Fifthly.—Even supposing no case of sickness to occur, and that the staff is consequently exactly equal to the requirements of maintenance, construction, and leave, still an additional Engineer could be very well employed on correcting the survey and verifying the section of the line throughout, a work which is much needed and which we have hitherto been in a position to undertake only at fitful intervals with long lapses. It will thus appear that there would be no apprehension lest this proposed temporary increase to the staff should at any time be in excess of requirements.

4. If all the foregoing considerations be duly weighed in connection with the importance of the work to be done, I think it will appear that economy will be best consulted by providing now for the probable want, and shall ask you kindly to lay the subject before the Board for consideration.

5. The accompanying statement shows that the sum allotted for Engineering Establishment for the half-year ending June 1874 will probably be Rupees 7,682 in excess of the actual salaries of the Engineers employed, thus leaving an ample margin for the pay of the extra member now proposed to be added to the staff.

ENGINEERING STAFF.

ESTABLISHMENT FOR THE HALF-YEAR ENDING 30th JUNE 1874.			Amount which will probably be drawn during the half-year.	Remarks.
Rate per mensem.	Total for half-year.			
RS. A. P.	RS. A. P.		RS. A. P.	
B. Anderson, Chief Engineer ...	1,818 2 11	...	3,060 9 7	On sick leave in Europe.
T. H. Going, Acting Chief Engineer ...	1,045 7 3	...	2,608 5 4	Acting for Mr. Anderson.
W. R. Robinson, Acting Deputy do. ...	863 10 2	...	5,906 10 8	Acting for Mr. Going.
F. B. Hanna, Assistant to do. ...	659 1 5	...	3,954 8 6	
H. R. P. Carter, 1st Class Engineer ...	863 10 2	...	5,181 13 0	
Peter Scott, 1st do. ...	863 10 2	...	5,181 13 0	
G. Hardinge, 1st do. ...	863 10 2	...	5,181 13 0	
A. T. Wilkinson, 1st do. ...	863 10 2	...	5,181 13 0	
H. C. West, 1st do. ...	772 11 8	...	3,728 0 5	On furlough; will return to duty on 11th April 1874.
W. Boulbee, 1st do. ...	659 1 5	...	4,636 6 0	Will proceed on furlough in December 1873.
G. E. Smith, 2nd do. ...	659 1 5	...	1,977 4 3	Will proceed on furlough after Mr. West's return.
E. W. Stoney, 2nd do. ...	409 1 5	...	3,431 0 10	
G. A. F. French, 3rd do. ...	409 1 5	...	2,454 8 6	
F. P. Millet, 3rd do. ...	409 1 5	...	2,454 8 6	
New Engineer, 3rd do. ...	409 1 5	...	2,454 8 6	
G. K. Winter, Telegraph Engineer ...	803 10 2	...	5,181 13 0	
Total ...	77,318 1 0		69,635 8 1	

(Signed) T. H. GOING,
Acting Chief Engineer.

(Signed) W. B. WRIGHT,
Acting Agent and Manager.

10th November 1873.

(True Copy.)

Proceedings of the Madras Government, Public Works Department,
8th January 1874.

No. 35. ORDER THEREON, 8th January 1874, No. 29.

RAILWAY, No. 11.

His Excellency the Governor in Council is of opinion that the Chief Engineer of the Madras Railway clearly shows the advisability of strengthening the Engineering staff of the Company in order to provide for the contingencies enumerated in his letter as well as to admit of the special duty of correcting the survey and verifying the section of the line being undertaken in a systematic manner, but as the recent correspondence which has been laid before the Government of India would lead them to suppose that the numbers of the Department had been definitively fixed, His Excellency in Council is not prepared to anticipate their sanction to the entertainment of the Assistant Engineer now applied for.

2. The papers will accordingly be submitted for the orders of the Right Honourable the Governor-General in Council.

(Here enter No. 30, dated 8th January 1874.)

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Consulting Engineer for Railways.

Exd. S. T. Austin:
Spare Copies.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 8th January 1874.

No. 66.

No. 30.

FROM

COLONEL G. W. WALKER, R.E.,
*Secretary to the Government of Madras,
Public Works Department,*

TO

THE SECRETARY TO THE GOVERNMENT OF INDIA,
Public Works Department.

RAILWAY, No. 12.

SIR,—Adverting to the correspondence ending with your letter No. 1,842, dated 20th October 1873, relative to the

strength and organization of the Engineering Department of the Madras Railway, I am directed by His Excellency the Governor in Council to forward, for the orders of the Government of India, a copy of the Proceedings of this Government on an application which has been made for the entertainment of an additional third-class Assistant Engineer.

2. It will be observed that, under the circumstances enumerated by the Chief Engineer of the Company, His Excellency in Council concurs in the necessity of strengthening the Engineering staff to the extent solicited, but seeing that the numbers of the department have so recently been fixed with the approval of the Government of India, he is not disposed to anticipate the orders of the Right Honourable the Governor-General in Council on the subject.

I have the honour to be,

Sir,

Your most obedient servant,

Colonel, R.E.,
Secretary to Government.

Ld. S. T. Austin.

Spare Copies.

93 /
Railway Department.

CONSULTING ENGINEER'S OFFICE.

No. 615

From

LIEUT.-COLONEL J. H. M. SHAW STEWART, R.E.,

Consulting Engineer for Railways,

To

COLONEL G. W. WALKER, R.E.,

Secretary to Government,

Public Works Department,

Fort Saint George.

SIR,

I have the honour to

lay before His Excellency the Governor
in Council a letter, with enclosures,
from the Agent of the Madras
Railway Company, asking for authority
to apply to the Board of Directors
for a third class Engineer, in ad-
dition to the Staff in that depart-
ment at present sanctioned.

2. The strength of the
Engineering department of the
Madras

N. 947-15th
November 1873.

Madras Railway has of late been the subject of considerable discussion, which is for the most part recorded in the following Proceedings of Government:-

29th May 1872. No. 1348.

22nd November 1872. No. 2744.

31st January 1873. No. 324.

13th February 1873. No. 469.

21st March 1873. No. 890.

8th October 1873. No. 2470.

3. The present strength of the department consists of sixteen Officers, who are distributed as follows:-

Chief Engineer ————— 1

Deputy Chief Engineer ————— 1

Assistant at head quarters, in charge of terminal works, &c. } 1

In charge of divisions on the open line ————— } 7

In

In charge of Chygur bridge — 1

In charge of protective works to Palur, Peinny, Goriatham, and Naggery rivers. } 1

On leave in Europe 2

Not yet joined, to replace Mr. W. F. Petter, whose health will not allow him to return. } 1

Telegraph Engineer ————— 16

4. In the letter forwarded by the Agent, the Chief Engineer explained at length the reasons which have led him to apply for an additional Officer. I am satisfied that these reasons are valid, and that there is urgent need for a temporary increase to the strength of the Engineering Department. I beg especially to draw attention

to

5. I have been
obliged

Wm. H. Hunt
L. H. Hunt, Esq.
Genl. Engineer for Railways.

15th Nov 1873

No. 29
Proceedings of the Madras Government
Under date, 11th Nov 1873
Read the following
From the Cong. Engr. for Railways. No. 6289 of 1873

The Excellency the Governor in Council is of opinion that the Chief Engineer of the Madras Railway clearly shows the advisability of strengthening the Engineering Staff of the Company in order to provide for the contingencies enumerated in his letter as well as to admit of the special duty of correcting the survey and re-surveying of the section of the line being undertaken in a systematic manner but as the present correspondence which has been laid before the Government of India would lead them to

Mr. 29/11/73

[Faint, mostly illegible handwritten text, likely bleed-through from the reverse side of the page.]

24/11/73 D. B. 1873

No. 415
Dated 29-11-73
To the Secretary to Government, P. W. Department, Fort Saint George.

Dated 11th Nov 1873
Reed. 11

To
The Consulting Engineer for Railways,
1873

Proposed by Mr. 29/11/73
RAILWAY DEPARTMENT.

suppose that the numbers
of the Department had
been definitively fixed.
His Excellency in Council
is not prepared to anticipate
their sanction to the enter-
tainment of the Asst
Engineer now applied for.

The papers will, according
ly, be submitted for the
orders of the Right Honble
the Governor General in
Council.

No 30
The Secretary to the
Govt of India

Adverting to the
correspondence ending with
your letter No 1842 dated
20th Feb 1873 relative to the
strength and organization of
the Engineering Department
of the Madras Railway
I am directed by His Ex-
cellency the Governor in

The Cong: Engr:
for Rys ✓

Decr 210/1/74
with 12

Council to forward for the
orders of the Government
of India, a copy of the
Proceedings of this Govt
on an application which
has been made for the
entertainment of an
additional 3rd Class As-
sistant Engineer -

It will be observed
that under the circumstances
enumerated by the Chief
Engineer of the Company,
His Excellency in Council
concurs in the necessity of
strengthening the Engineering
Staff to the extent solicited,
but seeing that the numbers
of the Department have so
recently been fixed with
the approval of the Govt
of India, he is not disposed
to anticipate the orders of
the Right Honble the
Governor General in
Council on the subject -

Decr 210/1/74
of Govt 29/1/73 10/1/74 -

Engr

all of money at
disbursement of
all the money at

C/289
Govt. of 1873 Madras.
PUBLIC WORKS.

The Honorable C. S.
for Railways
To The Secretary to the
Govt of India

Dated

Recd.

Encl. 4

a. o. s. 10/11/74 29-30.

Nos. 64, 65 & 66

Madras Railway. Papering
orders on the application
for the entertainment
of an additional 3rd class
Acct. kept on the Madras
Railway.

Forwarded for orders,
Copy of Pro. on an applica-
tion for the entertainment
of an additional 3rd class acct.
on the Madras Railway.