

Public Works (1899) Department.

RAILWAY BRANCH.

G.O., No. 974 Ry.

DATED 1st Sept 1899.

Includes E.O. No. 838-39 Ry of 31.7.99.

Proof 65

Y.C.C.

[Despatch Abstract.]

Lighting the Central Station at Madras.

Commg. to the Agent & Manager, July, sanction
of the Govt of India to the estimate ^{amounting} of Rs 29,446 of the
cost of providing extra plant, lamps & lamp
fittings required for — with Pintsch's system of
oil-gas lighting, and ^{stating} despatching that the indent
for plant &c for the installation may go forward
to the B? of Directors for compliance.

Government {1899} of Madras.
PUBLIC WORKS.

Spare copies

SEPTEMBER,

Communicating to the Agent and Manager, Madras Railway, the sanction of the Government of India to the estimate, amounting to Rs. 29,446, of the cost of providing extra plant, lamps and lamp fittings required for — with Pintsch's system of oil-gas lighting, and authorising him to send the indent for the plant to the Board of Directors for compliance.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read again the following papers :—

From—The Consulting Engineer for Railways, Madras.
To—The Agent and Manager, Madras Railway.
Dated—Madras, 19th December 1898, No. 3517.

With reference to correspondence ending with your letter, No. E. 603/152, dated the 15th February 1897, on the subject of gas supply, I have the honour to suggest that now that the Government of India have decided that the East Coast Railway must, for the present, be worked by State agency, you should make definite proposals on the subject of your own Central Station gas supply—

1st—Independent of the East Coast Railway.

2nd—on the supposition of your being asked to sell the gas at Rayapuram.

From—The Agent and Manager, Madras Railway.
To—The Consulting Engineer for Railways, Madras.
Dated—Madras, 8th July 1899, No. E. 603/831.

With reference to your letter No. 3517, dated the 19th December 1898, I have the honour to enclose an estimate in duplicate of the cost (Rs. 29,446) of the extra plant, lamps and fittings required for lighting the Central Station with Pintsch's gas. I also enclose two copies of an indent on the Board, No. 848, for the requisite plant, and I beg to request that you will kindly communicate to me the sanction of Government to the amount of the estimate, as well as to the transmission of the indent to the Board.

The Board's approval to the proposed expenditure is accorded in paragraph 19 of their letter, No. 994, dated the 21st April 1899, an extract of which is enclosed.

With reference to the question raised in your letter of supplying gas to the East Coast Railway, I enclose an extract paragraphs 1, 2 and 3 from a letter from the Locomotive Superintendent, dated the 24th February 1899.

ENCLOSURE No. 1.

EXTRACT paras. 1, 2 and 3 from a letter from—The Loco. Superintendent., Madras Railway.
To—The Agent and Manager, Madras Railway.
Dated—24th February 1899, No. B. 1076/183.

With reference to your endorsement No. E. 603, dated 20th December 1898, on the Consulting Engineer's letter No. 3517 of 19th December 1898 and to your letter No. E. 603/650 of the 18th January 1899, I do not think it would be in any way possible to charge the carriages running on the Bezwada-Madras Railway with gas unless or until they run into Central Station.

2. The approximate quantity of gas required to supply the two trains would be about 1,500 to 2,000 ft. per day which is about the contents of one complete truck, so that to allow for shunting, charging and taking the trucks from Central Station to Rayapuram and back, at least four trucks would be required and the charging of the trucks at Central Station shunting and working them backwards and forwards, etc., etc., would involve so much trouble and delay that I much doubt if it could be managed.

3. If it is decided to supply the Bezwada-Madras Railway with gas at Rayapuram, the only satisfactory way to do this would seem to be by the establishment at Rayapuram of a separate Gas Works altogether, and this is probably not worthwhile.

ENCLOSURE No. 2.

EXTRACT from a letter from—The Secretary to the Board of Directors.
To—The Agent and Manager, Madras Railway.
Dated—21st April 1899, No. 994.

19. Gas lighting of Central Station.—I have submitted to the Board the estimate of the cost of extra plant, lamps and fittings required for lighting the Central Station with Pintsch's gas, and of the extension of the existing buildings for gas works, amounting in all to Rs. 29,446. The Board consider the improvement very desirable, and approve of the proposed expenditure on this account. This is referred to in paragraph 19 of No. 2404.

Order—No. 838 Ry., dated 31st July 1899.

The Government of India will be addressed.

Read also the following papers :—

From—The Joint Secretary to the Government of Madras, P.W. Dept., Ry. Branch.
To—The Secretary to the Government of India, Public Works Department.
Dated—Ootacamund, 31st July 1899, No. 839 Ry.

I am directed to forward, for the orders of the Government of India, a copy of a letter No. E. 603/831, dated 8th July 1899, from the Agent and Manager, Madras Railway Company, with which he submits an estimate as per margin for the following works :—

Amount of estimate, Rs. 29,446, chargeable to Madras Ry.	
Allocation to Capital	Rs. 29,446
to Revenue	nil
Funds available or not?—From "schedule A," budget 1899-1900.	
Estimate recommended or not?—Recommended.	
Allocation	Correct.
Board's approval obtained or not?—Approval obtained.	

Extra plant, lamps and fittings required for lighting the Central Station at Madras with Pintsch's gas.

From—The Secretary to the Government of India, Public Works Dept.
To—The Joint Secretary to the Government of Madras, P.W. Dept., Ry. Branch.
Dated—Simla, 18th August 1899, No. 1372 R.S.

In acknowledging receipt of your letter No. 839 Ry., dated 31st July 1899, and enclosures, I am directed to communicate the sanction of the Government of India to the estimate, received therewith, amounting to Rs. 29,446, of the cost of providing extra plant, lamps and lamp fittings required for lighting the Central Station at Madras on the Madras Railway, with Pintsch's system of oil-gas lighting.

2. This sanction which is chargeable to Capital has been registered as No. 4, Madras Railway, of 1899.

ORDER—No. 974 Ry., dated 1st September 1899.

Communicated to the Agent and Manager, Madras Railway Company.

2. This sanction has been registered as No. 15 Ry. of 1899-1900.

3. The indent for plant required for the installation may now go forward to the Board of Directors for compliance.

(True Extract.)

FRANCIS J. E. SPRING,
Joint Secretary.

To the Agent and Manager, Madras Railway.
" Examiner, Railway Accounts.
" Consulting Engineer for Railways.

Ed. T. K. Narayana Aiyangar.

Extract from the
Madras Mail of the
23rd September 1897

THE PROCESS OF LIGHTING THE CARRIAGES of the Madras Railway with Pintsch's gas is steadily progressing. Up to the end of 1895 no less than 102 vehicles were so lighted; last year 286 more carriages were fitted with Pintsch's system, making a total of 388 carriages. It is intended to light all the trains of the Madras Railway with gas, which work will be gradually carried out as the plant is received from England. It is expected that the work will be completed by the end of this year. If steps could be taken to light the Central Station in some other way than just to make darkness visible, as at present, the blessings of passengers and friends who see them off would be showered upon the Company.

Extract from the
Pioneer, 28/9/97

THE process of lighting the carriages of the Madras Railway with Pintsch's gas is steadily progressing. Up to the end of 1895 no less than 102 vehicles were so lighted; last year 236 more carriages were fitted with Pintsch's system, making a total of 338 carriages. It is intended to light all the trains of the Madras Railway with gas, which work will be gradually carried out as the plant is received from England. It is expected that the work will be completed by the end of this year.

Madras, 19 Dec 1898

From

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS,

To

THE AGENT AND MANAGER, M. Ry.

Reminders.

SIR,

Reply No. 831

dated 8/7/98

With reference to correspondence ending with your letter No. E-603 dated the 15th Feb. 98. In the subject of gas supply. I have the honour to suggest that now that the Govt. of India have decided that the S.C.R. must for the present be looked after by State Agency, you should make definite proposals on the subject of your own Central Station gas supply

- 1st independent of the S.C.R.
- 2nd on the suggestion of your being asked to sell them gas at Bangalore

I have to
 FWS
 19/12/98

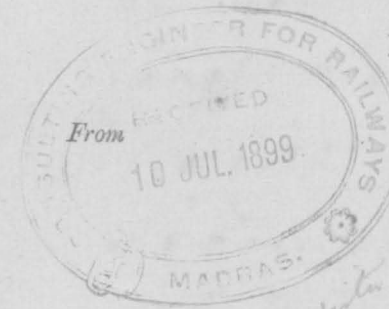
19/12/98

No. *E603**831*

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

MADRAS,

8th July 1899

The Agent and Manager,

Madras Railway Company,

To

SIR,

The Consulting Engineer for Railways,

Madras.

— With reference to your letter *n^o 3517* dated the 19th December 1898, I have the honor to enclose an estimate in duplicate of the Cost (Rs 29,446) of the extra plant, lamps and fittings required for lighting the Central Station with *Pintsch's* gas. I also enclose two copies of an *Indent* on the Board, *n^o 848*, for the requisite plant, and I beg to request that you will kindly communicate to me the sanction of Government to the amount of the estimate as well as to the transmission of the *Indent* to the Board.

The Board's approval to the proposed expenditure is accorded in para^g of their letter *n^o 994* dated the 21st April 1899.

an

an extract of which is enclosed.

With reference to the question raised
in your letter of supplying gas to the East
Coast Railway, I enclose an extract -
paras. 2 & 3 from a letter from the
Locomotive Superintendent dated the
24th February 1899.

I have the honor to be,
Sir,

Your most obedt. Servt.

Ernie S. M. V.

Agent & Manager.

Incl: 2.

Extract from 1, 2 and 3 from letter
from the Director, Mysore Railway
No. 1096/100 dated the 24th February 1899.

Print

With reference to your enforcement No:E.603 dated
20th:December 1898 on the Consulting Engineer's letter No:3517
of 19-12-98 and to your letter No:E.603/650 of the 18th:Jan'y:99
I do not think it would be in any way possible to charge the
carriages running on the B.M.Railway with gas unless or until
they run into Central Station.

2. The approximate quantity of gas required to supply
the two trains would be about 1500 to 2000 feet per day which is
about the contents of one complete truck, so that to allow for
shunting, charging and taking the trucks from Central Station
to Royapuram and back at least 4 trucks would be required and the
charging of the trucks at Central Station shunting and working
them backwards and forwards etc etc would involve so much trouble
and delay that I much doubt if it could be managed.

3. If it is decided to supply the B.M.Railway with
gas at Royapuram the only satisfactory way to do this would seem
to be by the establishment at Royapuram of a separate Gas Works
altogether and this is probably not worthwhile.

MADRAS RAILWAY.

From

The Agent and Manager,

M. R. Co.,

To

The Consulting Engineer

for Railways

Dated

188

Recd.

No.

7
Am 83-1 3478/99
8 7 99

FOR

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, 11th July 1899.

28p 48p
Sent from a letter from the Secretary no 994 of 21-4-99.

to the Board the estimate of the cost of extra plant, for lighting the Central Station with Pintsch's Gas, and for lighting the existing buildings for gas works, amounting in all to Rs. 2,404. This is referred to in para. 19 of the report of the Committee on this account. This is referred to in para. 19 of

Print

994 R.

EXAMINER'S

The allocation of the cost of plant for manufacturing gas should, under G.P. Circular No. III Ry dated 22-5-99, be to Stations and Buildings, workshops and Store buildings.

591

12/7/99

A.

The Estimate requires alteration in this respect.

As in the Bangalore Estimate (Case returned yesterday) the cost of the oil lamps which will be thrown out of use on the introduction of gas lighting should, strictly speaking, be credited to Capital and debited to revenue, but as the amount is probably small this need not perhaps be insisted on.

Funds, it is said, will be transferred from the provision for Sanctioned work entered in Schedule A of Budget

A. make the alteration here.

From the estimate to be for Sanctioned

J.H.S.

20/7

for 1899-1900, and the work needs therefore to be considered "Special" if it is to be sanctioned in the current year.

Sanction of the Govt. of India is necessary, and may be applied for if the work is approved and considered "Special".

The Indent can only be sanctioned on the Estimate being passed by competent authority i.e. the Govt. of India in this case, but if E.R. is satisfied that the work is necessary, and likely to be sanctioned, he may authorize the transmission of the Indent to the Board for compliance, in anticipation of sanction to the Estimate. But please see India's orders on the Bangalore Estimate.

JWT 12²/₉₉

Ans. L.H. 12.7.99.

Form No. 12.

No. 830. Ry

Read the following
E.R. current no 3478 d. 10/7/99
Order No 838 Ry dated 31/7/99
The copy will be addressed to

Government of Madras,

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

The Secretary to the Government of India,

Public Works Department,

Copy Recd 31/8/99

Sir,

I am directed to forward, for the orders of the Government of India, a

Amount of Estimate Rs.	29,446
Chargeable to	Madras Railway.
Allocation to Capital Rs.	29,446
„ to Revenue Rs.	nil
Funds available or not	From Schedule A Budget 1895-9900
Estimate recommended or not	Recommended
Allocation „ „	correct
Board's approval obtained or not	Approval obtained

copy of a letter, No. 8603 dated 8th July

1899 from the Agent & Manager Madras

Railway Company, with which he submits an estimate as per margin for the following works:—

Extra plant, lamps and fittings required for lighting the Central Station at Madras with Petrol Gas.

JWS
21/7/99

Despatched on 31/7/99

Documents accompanying.

- (1) Am's letter with 2 Enclos (copy)
- (2) Plan & estimate (by packet post)

Joint Secretary

70
No. 1372 R.S.
GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
RAILWAY STORES. *Print*

To
The Joint Secretary to the Government of Madras,
Public Works Department, Railway Branch.

Simla, the 18th August 1899.

Sir,

M
In acknowledging receipt of your letter No. 839 Railway, dated 31st July 1899 and enclosures, I am directed to communicate the sanction of the Government of India to the estimate, received therewith, amounting to Rs. 29,446, of the cost of providing extra plant, lamps and lamp fittings required for lighting the Central Station at Madras on the Madras Railway, with Pintsch's System of Oil-gas lighting.
2. This sanction which is chargeable to Capital has been registered as No. 4 Madras Railway of 1899.

I have the honour to be,

Sir,

Your most obedient servant,

C. J. W.
Under Secretary.

Documents accompanying :-

Nil.

Public Works (1899) Department.

Letter to Am. No. 3517 of 19.12.98. ^{Read. 5.90 Railway} CURRENT No. 1093.
" from " E 603 of 8.7.99.
G.O. no. 838-9 by order 31.7.98.
Letter from the Govt of India No. 1372 R.S.
dated 18.8.98.

88 From the Govt of India

Order - No. 974. By dated 1/9/99.

Communicated to the
Agents and Manager, Masar. ^{Print}
Railway Company. No. 1372 R.S.

2. This sanction has been
registered as No. 15. By of
1899-1900.

3. The report for plant required for the installation may
now be forwarded to the Board of Directors for sanction.

7/8/99

10 Am. (with copy of the order)
CR (with copy of the order)
CR

Despatched on 27/9/99

Dated 18th August 1899
Received 28th do
Registered do
Enclosures
Spare copies

SUBJECT.

Lighting the central station at
Masar on the Masar & Ry
Sanctioning the estimate of
Rs 29,446 of the cost of providing
extra plant, lamps and lamp
fittings required for
with Pintsch's system of oil-gas
lighting.