

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Railway.

READ—the following paper :—

From Major M. C. BRACKENBURY, R.E., Officiating Deputy Secretary to the Government of India, Public Works Department (Railway—Construction), to the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, dated Simla, 4th June 1889, No. 507 R.C.

I am directed to acknowledge the receipt of your No. 377 R., dated 6th April 1889, and in reply to convey the sanction of the Government of India to the revised estimate, amounting to Rs. 40,200, chargeable to Capital, of the cost of constructing for the Madras Railway twelve brake-vans with four wheels instead of with six wheels as originally proposed.

2. The sanction has been registered as No. 5, Madras Railway, of 1889.

ORDER—dated 18th June 1889, No. 682 R., Public Works.

Communicated to the Consulting Engineer for Railways with reference to Proceedings, No. 376 R., dated 6th April 1889.

2. This sanction has been registered as No. 13 R. of 1889-90.

(True Extract.)

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

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

Exd. J. Henricus.
Spare Copies

RAILWAY.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated June, 18th.

Recd.

Encl.

G.O., 18th June 1889, No. 682 R.

JUNE.

Brake-vans

Letter from the Government of India sanctioning estimate for constructing for the Madras Railway twelve — with four wheels instead of with six wheels as originally proposed, communicated to the Consulting Engineer for Railways.

6TH APRIL 1889, No. 376 R., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following papers :—

From Major M. C. BRACKENBURY, R.E., Under-Secretary to the Government of India, Public Works Department (Railway—Construction), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 22nd August 1888, No. 849 R.C.

I am directed to acknowledge the receipt of your endorsement No. 595 R., dated the 16th July 1888, submitting for sanction an estimate, amounting to Rs. 38,400, of the cost of constructing twelve brake-vans, with six wheels, required as an addition to the sanctioned equipment of the Madras Railway.

2. With reference thereto, I am to forward herewith for consideration a copy of a note, dated the 14th August 1888, by the Consulting Engineer to the Government of India for State Railways, on the subject, and to request that further proposals may be made if it is decided not to have brake-vans of the six-wheel type.

ENCLOSURE.

Copy of a Note, dated the 14th August 1888, by the Consulting Engineer to the Government of India for State Railways.

I do not think that six-wheeled wagons are desirable on Indian Railways, in any case from the tendency such vehicles have to rock on the central pair of wheels in case of a bad road; but I think this tendency is increased in the case of a brake-van in which the friction of the action of the wheels is to some extent lessened when the wheels are locked by the action of the brake. I think that if the four-wheeled type does not admit of a brake-van of sufficient length, a bogie brake-van would be preferable to a six-wheeled van.

No. 608 D.

Referred to the Consulting Engineer for Railways for report.

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

OOTACAMUND,
4th September 1888.

From the Consulting Engineer for Railways, dated Madras, 26th March 1889, No. 164.

Letter from the Agent and Manager, Madras Railway, dated 24th January 1889, No. 98.

Letter from the Agent and Manager, Madras Railway, dated 9th February 1889, No. 176, with enclosure.

Letter from the Agent and Manager, Madras Railway, dated 22nd February 1889, No. 236, with enclosure.

Letter from the Agent and Manager, Madras Railway, dated 18th March 1889, No. 4460-237/325.

ENCLOSURE.

From C. E. PHIPPS, Esq., Acting Locomotive Superintendent, to the Agent and Manager, Madras Railway, dated Perambūr Works, 16th March 1889, No. A. 10783/204.

With reference to the Consulting Engineer's letter No. 215 of the 11th instant forwarded to me with your endorsement, dated the 12th idem, I beg to quote the following figures in explanation of the difference in the estimate to which attention is drawn.

2. The original estimate with which I presume the Consulting Engineer is making the comparison was framed upon the drawings only of some six-wheeled vans then under construction as renewals on Revenue Account, and before any vehicles of this kind had been built. On completion of these vans it was found that their actual cost exceeded the estimate by Rs. 150 each, amounting to Rs. 3,350 each instead of Rs. 3,200.

3. The cost of the twelve vans now under construction should be identical with that of the six-wheeled vans, above referred to, less the value of the one pair of wheels and other necessary gear; but, on the other hand, it was thought probable when the estimate was being made that before the twelve vans were completed it would be necessary to slightly revise the issue price of our teak timber and certain other stores, and that if this revision should be made an additional sum of about Rs. 125 per van would be spent under the head of material. Under present prices the estimate might, as a matter of fact, be reduced by this sum or to a total of Rs. 38,700 if desired by the Consulting Engineer, and, should it eventually be found requisite, a supplementary estimate could be sent in. I wished, however, to avoid being obliged to do this, and for this reason I entered the probable cost of the twelve vans as identical with the actual cost of the 8 six-wheeled vans already built—

	RS.
Original estimate for 8 six-wheeled brake-vans, cost per van ...	3,200
Actual cost of vans as constructed, each ...	3,350
Excess of actual cost over estimate ...	150
Estimated cost of 12 four-wheeled brake-vans, cost per van ...	3,350
Less cost of one pair of wheels with axle, tyres, axle boxes and springs complete ...	153
	3,197
Add probable increase in the issue rate of teak timber and other stores ...	125
	3,322
Actual cost as entered in estimate ...	3,350

Submitted to Government with reference to their No. 608 D. (herewith returned), dated 4th September 1888.

2. The Agent and Manager, Madras Railway, submitted an estimate, amounting to Rs. 38,400, of the cost of constructing twelve brake-vans with six wheels, and the Government of India in their reply No. 849 R.C., dated 22nd August 1888, forwarded for consideration copy of a note by the Consulting Engineer for Railways to the Government of India on the subject, advocating four wheeled or bogie instead of the six-wheeled type, and requested that further proposals may be made if it is decided not to have brake-vans of the six-wheeled type.

3. In his No. 98, dated 24th January 1889, the Agent and Manager states that the Traffic Manager now wishes to have brake-vans 27 feet in length with four wheels, as heavy as those with six wheels now in use, and in his Nos. 176 and 236, dated 9th and 22nd February, respectively, he submits plan and estimate, amounting to Rs. 40,200, for the construction of these vans.

4. As this estimate was more than that for the six-wheeled wagons, an explanation was asked for, which is given in his No. 4460-237/325, dated 18th March 1889; the reason being that the new estimate has been based on the actual cost of some wagons already constructed, a small amount being also added for the probable increase in the price of teak.

5. The four-wheeled type has been approved of by the Board of Directors, the amount has been provided for in the budget estimate for 1889-90, and the sanction will lapse on 31st March 1890.

6. The estimate is recommended for the sanction of the Government of India.

ORDER—dated 6th April 1889, No. 376 R., Public Works.

Ordered to be forwarded for the sanction of the Government of India with reference to their letter No. 849 R.C., dated 22nd August 1888.

(Here enter No. 377 R., dated 6th April 1889.)

(True Extract.)

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

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

ENDORSEMENT—dated 6th April 1889, No. 377 R., Public Works.

Forwarded.

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

Exd. J. Henricus,
Spare Copies

RAILWAY.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated April, 6th.

Recd.

Encl.

G.O., 6th April 1889, Nos. 376 R,
377 R.

1059-60 R
APRIL.

Brake-vans for the Madras
Railway

Forwarding for sanction estimate for —.

24TH JULY 1890, No. 1059 R., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper :—

Memo. No. 497.

The undersigned has the honor to report, for the information of the Government of India, that sanction has been communicated to a revised estimate, amounting to Rs. 42,108, chargeable to Capital, of the cost of constructing for the Madras Railway twelve brake-vans.

2. In letter No. 507 R.C.,* dated 4th June 1889, the Government of India communicated sanction to an estimated expenditure of Rs. 40,200 for the purpose, but as the revised estimate now submitted by the Agent and Manager, Madras Railway, is in excess of that amount by Rs. 1,908 or a little under 5 per cent. and is within the powers of the Consulting Engineer for Railways, the necessary sanction has been communicated to the Railway authorities.

MADRAS,
12th July 1890.

(Signed) A. D. G. SHELLEY, Captain, R.E.,
for Offg. Consulting Engineer for Railways.

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

ORDER—dated 24th July 1890, No. 1059 R., Public Works.

Ordered to be forwarded for the information of the Government of India with reference to its letter No. 507 R.C., dated 4th June 1889.

(Here enter No. 1060 R., dated 24th July 1890.)

(True Extract.)

(Signed) T. GRACEY, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

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

ENDORSEMENT—dated 24th July 1890, No. 1060 R., Public Works.

Forwarded.

(By Order.)

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

Exd. J. Moses.
Spare Copies

RAILWAY.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated July, 24th.

Recd.

Encl.

G.O., 24th July 1890, Nos. 1059,
1060 R.

JULY.

Brake Vans

Forwarding memorandum from the Consulting Engineer for Railways reporting that sanction has been communicated to a revised estimate, amounting to Rs. 42,108, the cost of constructing twelve — for the Madras Railway.

Consgr. Engr.'s No. 13.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,

Madras, 12th July 1890.

No. 497.

MEMORANDUM.

The undersigned has the honour to report for the information of the Government of India that sanction has been communicated to a revised estimate amounting to Rs. 42,108 chargeable to Capital of the cost of constructing for the Madras Railway 12 brake vans.

Y
G.O. No: 652 R
18-6-89.

2. In letter No: 507 R.C. dated 4th June 1889, the Government of India communicated sanction to an estimated expenditure of Rs. 40,200 for the purpose, but as the revised estimate now submitted by the Agent and Manager, Madras Railway, is in excess

excess of that amount by Rs 1,908 or
a little under 5 per cent and is
within the powers of the Consulting
Engineer for Railways, the neces-
sary sanction has been communi-
cated to the Railway Authorities.

W.S. Shetty Chap. R.C.
for Offs. Genl. Engr. for Rys

To

The Joint Secretary to Govt,
P. W. Deptt.,
Ry. Branch.

Encl

P.W. Cd. 6654

From

THE CONSULTING ENGINEER

FOR RAILWAYS,

MADRAS,

No. 497

Dated 12th } July 1890
Received 14 }

No. of ENCLOSURES.

Subject.

Informing for the information of ^{the} Government of India, that sanction has been communicated to the revised estimate amounting to Rs 42,108 of the cost of constructing for the Madras Railway 12 brake vans.

A
No. 1059 R of 24th July 1890
1060

Fr. No 682 N of 15.6.89
A 376.77 N of 6.4.89
No 1059 R of 24th July 1890.

Ordered to be

forwarded for the information of the Govt. of India with reference to its letter No. 507 R.C. dated 4th June 1889.

HC. No 1060 R of 24th July 1890

Forwarded

Inf despatch to
India
24.7.90.

SCD
24/8/90

W R

2

The Comptroller for Rys
- Ex. G. R. R. Secs

1577 & Co. 16/4 R 21-7-90

R

6654.

Govt. of Madras.

PUBLIC WORKS.

Spencer

Dated

Recd.

Encl.

G.O., 24 July 1890, No. 1059. b.R.

Brake Tans.

Memo from the C. & M. S. P. S.
reporting that caution
has been communicated
to a revised estimate amounting
to Rs 42108. the cost of caution
is enclosed — for the M. R. S.
ordered to be paid to the Govt.

Brake Tans.

From the C. & M. S. P. S.
reporting that caution has been
communicated to a revised
estimate amounting to Rs 42108
the cost of caution is enclosed
— for the Madras Railway

3 1/2

220/28/1

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