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(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. 2814-15 (Ry) Press
B.P. No. Mis.

Dated 25. 9. 1845.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
29th September 1875.

No. 657. Read the following letter from Major C. J. SMITH, R.E., Officiating Consulting Engineer for Railways, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 23rd September 1875, No. 530 :—

Referring to the Proceedings of Government, Nos. 2,036 and 2,385, dated 17th July and 19th August 1875, I have the honor to submit, for the sanction of Government, a revised estimate,* amounting to Rupees 41,108, of the cost of converting 100 low-sided goods wagons and of fitting them with additional springs, so as to enable each to carry nine tons of material for the Madras Harbour Works. This will cancel the sanction of the estimate, amounting to Rupees 54,100, conveyed in the Proceedings of Government above quoted.

* With letter No. 956, 14th September 1875, from the Agent, Madras Railway.

2. In the enclosed letter the Locomotive Superintendent explains that the original estimate was prepared from an incorrect idea of the extent of renewal which each wagon would require, but that a closer inspection, as the wagons were being received into the workshop, proved that the wood-work was in many cases over-estimated.

3. Of the total amount, Rupees 13,500 will be charged to Capital and the remainder, Rupees 27,608, to Revenue. This proportion has been arrived at [illegible] to Capital the cost of [illegible] of the wagon and of [illegible] springs, which amounts to Rupees 135† for each wagon.

† Rupees 135 × 100 = 13,500.

4. The revenue expenditure, amounting to Rupees [illegible], represents the expenditure to be incurred in replacing the wood-work which has been [illegible] revenue service.

5. The expenditure was not provided for in the budget estimate for the current year, but funds to the extent of Rupees 9,877 will be met from Schedule A, [illegible] Works, Goriattum Bridge," and the remainder from the following [illegible] B :—

Smithy at the Perambore Workshop	[illegible]
Making up ground for smithy and foundry	10,650
Watering arrangements at Perambore	5,000
Overbridge at Jollarpett Station	4,000
	10,700

6. The sanction will lapse at the end of the current year.

7. This estimate has not been included in any of the half-yearly [illegible] works.

From R. B. ELWIN, Esq., Agent and Manager of the Madras Railway Company, to Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, dated Madras, 14th September 1875, No. 956.

With reference to your letter, No. 970, of the 6th instant, and to the Order of Government forwarded therewith, I have the honor to enclose a revised estimate of the cost of converting 100

low-sided open goods wagons into high-sided open goods wagons, in view to their being rendered capable of carrying nine tons each.

2. I also enclose copy of a letter* from the Acting Locomotive Superintendent on the subject, and, under the circumstances therein stated, I request that you will be so good as to communicate to me the sanction of Government for the required expenditure, viz., Rupees 41,103, Rupees 13,500 of this amount being chargeable to Capital, and the balance, Rupees 27,608, to Revenue.

* No. 418, 9th September 1875.

3. This expenditure will be met from the budget provision alluded to in my letter of the 3rd July last, No. 699, with which the original estimate was forwarded to you.

From E. C. BOODLE, Esq., Acting Locomotive Superintendent, to R. B. ELWIN, Esq., Agent and Manager of the Madras Railway Company, dated Perambore Works, 9th September 1875, No. 418.

In reply to your endorsement, dated the 7th instant, on a letter from the Consulting Engineer, No. 970, of the 6th idem, accompanied by Order of Government, No. 2,385, of the 19th August 1875, with regard to the allocation of the charges proposed to be incurred in adapting 100 low-sided open goods wagons to convey material for the Madras Harbour Works, I beg to inform you that it will not be necessary for so large an expenditure as was anticipated to be incurred in these conversions.

2. At the date of the preparation and submission of the original estimate, the whole of the wagons had not arrived at these works; but from the examination made in the case of a large number of those which had been received, I was led to believe that the alterations could not be effected without an entire renewal being made of the wood-work. The estimate was, therefore, framed on the presumption that the wagons would need, not only being heightened and being made capable of carrying a heavier weight, but also would require a thorough renewal of the old wood-work. I since find, on inspecting several of the wagons more recently received, that the renewal of the wood-work will not be requisite in many cases, and that a considerable reduction can, therefore, be made in the estimate.

3. The original estimate forwarded to you with this Office letter, No. 258, of the 22nd June last, exhibits the proposed outlay as Rupees 10,200 "to be expended departmentally," and Rupees 43,900 "to be drawn from stores." In the revised estimate which I now beg to forward the outlay under these heads is shown as Rupees 7,672 and Rupees 33,436, respectively, or a reduction of Rupees 12,992 on the total sum.

4. Of the expenditure shown in this revised estimate, I would beg to suggest that Rupees 13,500 should form a charge against Capital, and that the balance of the outlay, Rupees 27,608, should be borne by Revenue. I have fixed these proportions on my interpretation of the Order of the Government of India, Public Works Department, A. R. 49, dated 6th February 1871, in which it is ruled that "no addition or improvement to an existing work shall, as a rule, be sanctioned as a charge against Capital on an open line, unless it be demonstrated that such new or additional work is required for some purpose which will lead to a direct increase of Revenue.

5. The cost of heightening the sides of the wagons, together with the cost of strengthening the springs and altering the axle boxes, I estimate to amount to Rupees 135 for each wagon, which for the whole of the wagons (Rupees 135 × 100 = Rupees 13,500) equals the amount which I have proposed should be borne by Capital, these alterations being directly required to improve the carrying capacity of the wagons. The remainder of the estimate, amounting to Rupees 27,608, represents the expenditure to be incurred in renewing old wood-work; and, as this wood-work has been worn out on Revenue service, it should, I consider, be replaced at the cost of that account.

Proceedings of the Madras Government, Public Works Department, 29th September 1875.

Nos. 658-659. ORDER THEREON, 29th September 1875, No. 2,814.

RAILWAY, No. 51-C.

ORDERED that the revised estimate be forwarded for the sanction of the Government of India.

(Here enter No. 2,815, dated 29th September 1875.)

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the Consulting Engineer for Railways.

Fwd. A. Grubert.

Two Copies.

PUBLIC WORKS DEPARTMENT,
OOTACAMUND, *29th September* 1875.

No. 660.

No. 2,815.

FROM

MAJOR-GENERAL 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. 51-D.

No. 1,943 R., dated 6th August 1875.

SIR,—Adverting to your letter quoted in the margin in which the sanction of the Government of India was conveyed to an estimate, amounting to Rupees 54,100, for the conversion of 100 low-sided open goods wagons belonging to the Madras Railway and for strengthening their springs, in order to adapt them for conveying material for the Madras Harbour Works, I am now directed to forward a revised estimate for the work, amounting to Rupees 41,108, and to request, under the explanation afforded, that it may be substituted for the larger estimate previously sanctioned.

2. Proposals for allocation of expenditure and provision of funds are contained in paragraphs 3 to 5 of the Officiating Consulting Engineer's letter, and paragraph 6 shows the period during which the sanction shall continue in force.

I have the honor to be,
Sir,
Your most obedient servant,

Major-General, R.E.,
Secretary to Government.

Exd. A. Grubert.

Spare Copies

No. 956

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFI

Madras, 14th September 187

From

Robt. B. Elwin Esq.
Agent and Manager. of the Ma

To

Lewis Jones & Wm. Shaw Stewa
Consulting Engineer for Railways.

Sir,

With reference to your
letter № 970 of the 6th instant, a
to the Order of Government - forwa
therewith, I have the honour to
enclose a revised Estimate of the C
of converting 100 Low sided Open
Goods Waggons into High sided
Open Goods Waggons, in view to th
being rendered capable of carrying
4 tons each.

2 I also enclose copy of
× letter from the Acting Locomotive
№ 418 - Superintendent on the subject, and
of Sept 1875. under the circumstances therein sta
I request that you will be so k
as to communicate to me the Gover

of Government for the Required Expenditure, namely Rupees 41,108 Rupees 13,500 of this amount being Chargeable to Capital, and the balance Rupees 27608, to Revenue.

3. This Expenditure will be met from the Budget provision alluded to in my letter of the 3rd Inst. No 699, with which the original Estimate was forwarded to you.

I have the honour to be
Sir
Your most obedt Servt
H. J. Curtis
Agent and Manager

MADRAS RAILWAY.

From

The Agent and Manager.

To

The Consulting Engineer

for Railways.

Dated 11th October 1875

Rcd. 15 "

No. 2054.

By sanctioning an Allowance
of Rupees Fifteen
to the Cost of Converting
100 open Goods Wagons
into Ballast Wagons
with Drop Doors
in lieu of Renewing
New Carpets of Carrying
Crew

11th Oct 1875

No 418

Madras Railway
Locomotive Superintendent's Office
Perambore Works
9th September 1875

The Agent and Manager

Dear Sir,

I am replying to your endorsement, dated the 7th instant, on a letter from the Consulting Engineer No. 970 of the 4th instant, accompanied by Order of Government No. 2386 of the 9th August 1875, with regard to the allowance of the charge proposed to be incurred in adapting 100 box sided open Goods Wagons to convey material for the Madras Harbour Works, begto to say that it will not be necessary to incur any expenditure as was anticipated to be incurred in these conversions.

2. At the date of the preparation and submission of the original estimate the whole of the wagons had not arrived at these works but from the examination made in the case of a large number of those which had been received, I was led to believe that the alteration could not be effected without an entire renewal being made of the wood work. The estimate was therefore framed on the presumption that the wagons would need, not only being lengthened and being made capable of carrying a heavier weight, but also would require the thorough renewal of the old wood work. Since however on inspecting several of the wagons more recently

received

received, that the renewal of the wood work will not be requisite in many cases, and that a considerable reduction can therefore be made in the estimate.

3. The original estimate, forwarded to you with this office letter No. 258 of the 22nd June last, exhibits the proposed outlay as Rs. 10,200 "To be expended departmentally" and Rs. 43,900 "To be drawn from stores." In the revised estimate which I now beg to forward, the outlay under these heads is shewn as Rs. 7,672 and Rs. 33,436 respectively, or a reduction of Rs. 12,992 on the total sum.

4. Of the expenditure shewn in this revised estimate I would beg to suggest that Rs. 13,500 should form a charge against Capital, and that the balance of the outlay Rs. 27,608 should be borne by Revenue. I have fixed these proportions on my interpretation of the order of the Government of India, Public Works Department, A. R. 49 dated 6th February 1871, in which it is ruled that no addition or "improvement to an existing work shall, as a "rule, be sanctioned as a charge against Capital "on an open line, unless it be demonstrated "that such new or additional work is required "for some purpose which will lead to a direct "increase of Revenue."

5. The cost of heightening the sides of the wagons, together with the cost of strengthening the springs, and altering the axle boxes, I estimate to amount to Rs. 135 for each wagon, which for the whole of the wagons (Rs. 135 × 100 = Rs. 13,500) equals the amount which I have proposed should be borne by Capital; these alterations being directly required to improve the carrying capacity of the wagons. The remainder of the estimate, amounting to Rs. 27,608 represents the expenditure to be incurred in renewing old wood work; and as this wood work has been worn out on Revenue Service, it should, I consider, be replaced at the cost of that account.

Yours faithfully
(Sd) E. E. Doodle
Ag: Loco. Supdt.

(True Copy)

Agent and Manager

Railway Department

Consulting Engineer's Office
Madras 23rd September 1875.

No. 530

From,

Major C. J. Smith, R.E.,
Offg. Consg. Engineer for Railways

To

Major General G. A. Walker, R.E.,
Secretary to Government
Public Works Department
Fort Saint George.

Sir,

Referring to the Proceedings of Government No. 2036 and 2385, dated 17th July and 19th August 1875, I have the honour to submit for the sanction of Government a revised estimate amounting to Rs. 41,108 for the cost of converting 100 low-sided goods wagons and of fitting them with additional springs so as to enable each to carry 9 tons of material for the Madras Harbour works. This will cancel the sanction of the estimate amounting to Rs. 54,100 conveyed in

Vide Memo. 956 16 Sept 1875 from Agent-R.W.

in the Proceedings of Government above quoted.

2. In the enclosed letter the Locomotive Superintendent explains that the original estimate was prepared from an incorrect idea of the extent of removal which each wagon would require, but that a closer inspection as the carriages were being received into the workshops proved that the woodwork was in many cases over estimated.

3. Of the total amount Rs. 13,500 will be chargeable to Capital and the remainder Rs. 27,608 - to - Revenue. This proportion has been arrived at by charging to Capital the cost of heightening the sides of the wagon and of strengthening the springs which amounts to Rs. 135 × for each wagon.

135 × 100 = Rs 13,500.

4. The Revenue expenditure amounting to Rs. 27,608 represents the expenditure to be incurred in replacing the woodwork which has been worn out on Revenue service.

5. The expenditure was not provided for in the Budget estimate for the current year but funds to the extent of Rs. 9977 will be met from schedule A, "Protective works Goriattum bridge", and the remainder from the following items in Schedule B,-

	Rs.
Smithy at the Peramboor workshops	9,646
Making up ground for smithy and foundry	6,255
Watering arrangements at Peramboor	4,530
Overbridge at Pallarpett station	10,750

6. The sanction will lapse at the end of the current year.

7. This estimate has not been included in any of the half-yearly schedules of works.

I have the honour to be
Sir
your most obedient servant

Major RE,
Offg. Consulting Engineer for Railways

S. W. 1875 Dept.
Railway Department.

From,
The Mr. Consulting Engineer
for Railways

No: 6119

To
The Secretary to Government
P. W. Department
Fort Saint George.

Dated 23rd September 1875.
Received 24th

Index Extract No: 530.
Enclosures 3.

Submitting for the sanction of Government a revised estimate of the cost of converting 100 Low sided open goods wagons into High sided goods wagons in view to rendering them capable of carrying 9 tons.

S. 6. 2814. 29-9-75.

Collect Consult Ltr No 3-4.
" Dept Ltr - 447 & 449.
- Ry Dept " - 322-323.

Cir. 27.9.75 Rec'd 29.9.75
Despatched 24-9-75 R/-10-75

Sc 4072 - 18-10-75

letter quoted in the margin in which the sanction of the Govt. of India was conveyed to an Estimate amounting to Rs 54,100 for the conversion of 100 low sided open goods wagons belonging to the Madras Railway and forwarding strengthening their springs in order to adapt them for conveying material for the Madras Kistna Works, I am now directed to forward a revised Estimate for the work amounting to Rs 41,108, and to request, under the explanation afforded, that

No: 1943 R d/ 6 Aug: 75.

Cir: 27.9.75 - Ltr 24.9.75 Rly Bd 24-9-75 P.I-10)75

Revised Estimate sent to Simla.
18-10-75
24
2

Cr with 6 sets of previous No. Exp
18-10-75

24

that it may be substituted for the larger Estimate previously sanctioned.

Proposals for allocation of expenditure and provision of funds are contained in paras 3 to 5 of the Officiating Consulting Engineer's letter, and para 6 shows the period during which the sanction shall continue in force.

From

Vol. of 1876 Reports
PUBLIC WORKS.