M.R.O. 1—77,006—8-6-37.

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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. 264 Press
Mis.
5871-38

Dated 28 1 1938.

Not to be folded or roughly handled

No. 537. Read the following Endorsement of the Consulting Engineer for Railways, dated Madras, 20th December 1866, No. 481.

Read the following letter from the Agent and Manager Madras Railway Company, to the Consulting Engineer for Railways, dated Madras, 19th December 1866, No. 604.

1. With reference to the accompanying copy of paragraph 16 of a letter from the Secretary to the London Board, No. 384, dated the 2nd November, and of its enclosures, I have the honor to state, that I learn from the Chief Engineer, that the cost of the works proposed to be constructed at Perambore for the defence of that station, will amount to Rupees 18,699.

Vide Estimate submitted on the 6th November with letter No. 545.

2. After careful consideration of the whole subject, and the opinion expressed in the 4th paragraph of Earl de Grey's Despatch, I can but consider the estimated cost of the defensive works at Perambore a "material expense," and one which this Company cannot, under the spirit of the Contract, be fairly called upon to incur.

3. Under the circumstances, I shall be glad to know whether these works are to be constructed at the cost of the Government.

4. It appears to me, that defensive works for our existing stations must of necessity involve a "material expense," and therefore the objections now raised with regard to Perambore, will apply equally to the other important stations on the South-West Line and Bangalore branch, but the wishes of the Secretary of State shall be acted on in the erection of the remaining stations on our North-West Line, where, with a careful arrangement of buildings, defensive works can be constructed at a trifling additional cost.

Extract of a letter from the Secretary Madras Railway Company, No. 384, dated London, 2nd November 1866.

Paragraph 16. In a communication recently received from the Secretary of State, the attention of the Board is directed to a suggestion made by the Government of India with reference to their Circular of the 14th June last, relative to the defence of Railway Stations. The Board deferred forwarding to you their instructions until the receipt of the further communication promised in your letter No. 699; but as this has not been received, I am now directed to forward, for your information and guidance, a copy of the letter from the Secretary of State, dated 3rd October, and of its enclosures, and to instruct you to co-operate with the Government of India, in accordance with the views expressed in the Circular above referred to.

(True Extract.)

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

From J. C. MELVILL, Esq., to J. BYRNE, Esq., dated India Office, 3rd October 1866.

I am directed by Lord Cranborne to transmit herewith a copy of a Circular issued by the Government of India to the Local Governments, dated 14th June last, relative to the defence of Railway Stations, together with a copy of a Despatch from Lord de Grey to the Government of India, dated 22nd February last, explaining the views of the Secretary of State in Council on the subject. The Government of India have suggested, that the several Railway Boards should be

moved to take steps to ensure the co-operation of their Agents in India in carrying out the views expressed in this Circular, and I am to state that it will be satisfactory to Lord Cranborne to learn that the Directors of the Madras Railway Company are prepared to instruct their Agent accordingly.

ENCLOSURES.

No. 1.

Enclosure to Despatch No. 53, Railway.
Circular No. 9 R., dated 14th June 1866.

From Lieutenant-Colonel C. H. DICKENS, R. A., Secretary to Government of India, Public Works Department, to Local Governments.

1. In continuation of Circular No. 10 of 17th July 1864, I am directed to inform you that, so long as no material extra expense is imposed upon the Railway Companies in making their chief Railway Stations defensible against tumultuary attacks, the cost should, in the opinion of the Secretary of State, be borne by the Companies.

2. The instructions that in particular cases,* have from time to time been issued from this department show that the Government of India do not contemplate any expensive works, or indeed works to which the term fortification could be applied The Railway Companies must, as a matter of ordinary precaution enclose their valuable property in some way, either by a wall or otherwise. It only remains to distribute the buildings in such a way as may be desirable to meet the object in view, their design and construction being made suitable, and generally this can be done without involving any material expense.

* No. 460 R., dated 16 h June 1865, to Govt. of Madras.
No. 761-5,782 R., dated 6th December 1864, to Government of Bombay, Military Department.
No. 543 R., dated 5th July 1865, to Bengal, also No. 1,070 R, dated 9th December 1865, do.
No. 733 R., dated 29th August 1865, to Punjab.
No. 496 R, dated 27th June 1865, to North-Western Provinces.

3. The attention of the Government of—— —— is accordingly requested to the desirability of having what is possible done without delay. The works must be limited to what the Railway Companies are willing to do, but it is clearly to their interests that the chief stations should be capable of defence in the manner already explained by the Government of India.

No. 2.

From the Right Honorable the Secretary of State for India, to His Excellency the Right Honorable the Governor General of India in Council, dated India Office, London, 22nd February 1866, Railway No. 11.

1. I have considered in Council your Excellency's Despatch of 9th December last, No. 112, relative to the defence of Railway Stations.

2. In a Despatch of the 25th May last, No. 14, Sir Charles Wood signified approval of the Circular which you had caused to be addressed to the several Local Governments on this subject. That Circular referred to the selection of sites for stations, and to the arrangement of station buildings in such a manner as might assist in making the station defensible in case such a measure became necessary, and Sir Charles Wood's approval was given under the impression that no material extra expense would be imposed upon the Railway Companies thereby. It now appears, however, that the construction of extra works is contemplated, and you consider that, under the 4th clause of their Contracts, the cost of such works ought to devolve on the Companies.

3. I am unable to concur in this view. Under the terms of their Contracts, Railway Companies are undoubtedly bound to construct whatever works may, by Government, be deemed necessary for the protection of the lines "from injury by inundation, tempests, or other causes whatever," but if, among those causes, operations of an armed force had been contemplated, I cannot but think that they would certainly have been specified in the Contracts. Railway Companies, it is true, are at least as much interested as the Government in making their stations defensible against attack, and any reasonable outlay for the purpose, as for instance, in making a different arrangement of their buildings, or alteration in construction, not involving any material expense, ought to be borne by them.

Proceedings of the Madras Government, Public Works Department,
28th January 1867.

4. But if you propose the construction of works beyond this description, I think that the Railway Companies cannot be required to expend any part of their capital in such a manner, without a forced construction of the words of the Contract. If, therefore, the works which you contemplate are of this latter character, the Government itself must be at the expense.

Comparative Statement of Stations, Fortified and not Fortified.

	Fortified Tadputree Station.	Not Fortified Moodanoor Station.	Increase.
	RS	RS.	RS.
Station-house	5,601	4,327	1,274
Verandah and Platform	7,129	5,850	1,279
Tank-house	2,643	1,896	747
European and Native Urinaries	1,889	1,647	242
For one Station			3,542
For three Stations			10,626

1. It appears that, exclusive of the defensive works at the bridge across the Toongabuddra, the Agent and Manager of the Madras Railway proposes to expend a sum of upwards of 10,000 Rupees, on behalf of the Railway Company, in defending three of the stations on the North-West Line, viz. :—

G. O. No. 2,532, dated 10th August 1866. — Tadputree, Goondacul, and Adoni.

2. The defensive works for the Toongabuddra bridge were estimated to cost 16,572 Rupees, but as the Government considered the plan unnecessarily costly, it has been sent to the Agent, by their order, for re-consideration. But it may be assumed that the works in question will not cost less than 10,000 Rupees, and that the total expenditure for defensive works on the North-West Line, which will be defrayed by the Railway Company, will not be less than 20,000 Rupees.

3. As regards the works lately recommended for the sanction of the Government of India, for the protection of the Perambore Workshops, which the Agent considers should be built at the expense of Government, I am of opinion that the interests of Government are not so much involved in the protection of the Railway stock as to render it advisable for them to incur the whole of the outlay in question. The works are not more than the Railway Company might have been reasonably expected to provide, if the Workshops had to be built afresh. They are not designed to withstand the operations of an armed force, but to keep out rioters and incendiaries, and being an addition and improvement to the existing enclosure wall, the machinery and stock within are rendered more secure at all times, and the expense of guarding them ought to be less.

G. O. No. 3,759, dated 26th November 1866.

4. If the terms of the Secretary of State's Despatch free the Railway Company from the obligation of bearing the whole expense of the proposed works, I would still recommend that they be called upon to bear at least one-half of it, seeing that they are directly, while the Government is only remotely, interested in the protection of their plant.

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

Proceedings of the Madras Government, Public Works Department,
28th January 1867.

No. 538. ORDER THEREON, 28th January 1867, No. 264.

RAILWAY, No. 37.

1. The Governor in Council observes that the Workshops of the Madras Railway Company at Perambore have already been supplied with a wall of sufficient strength to protect from ordinary depredation the valuable property which they contain, and that, when those buildings were erected, the Company were ignorant of the desire of the Government of India that important depôts of rolling stock, such as that at Perambore, should be capable of being defended against tumultuary attack. The works sanctioned on the 26th November* last were designed with this latter object, and when they are completed the enclosure will, in case of need, form in some degree a place of strength and refuge to those residing in the vicinity, and will afford the means of defending property necessary to the Government.

* In G. O. No. 3,759.

2. Taking these points into consideration, together with what is set forth in the foregoing papers, his Lordship in Council is of opinion that the cost† of the works in question should be borne by the State.

† Rupees 18,699.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer for Railways.
,, Superintending Engineer, 4th Division.
,, Controller of Public Works Accounts.
,, Accountant General.

Exd. S. T. Augustin.

No. 604

3

MADRAS RAILWAY COMPANY.

AGENT AND MANAGER'S OFFICE.

Madras, 19th December 1866.

From

R B Elwin Esquire,

Agent and Manager, M. R. C.

To

Lieutenant Colonel J. C. Anderson, R.E.

Consulting Engineer for Railways.

SIR,

With reference to the accompanying copy of paragraph 16 of a letter from the Secretary to the London Board, No 384, dated the 2d November, and of its enclosures, I have the honor to state, that I learn from the Chief Engineer, that the cost of the works proposed to be constructed at Perambore for the defence of that Station, will amount to Rupees 18,699.

Vide Estimate submitted on the 6th Nov. with letter No 545.

2. After careful consideration of the whole subject, and the opinion expressed in the 4th paragraph of Earl de Grey's dispatch, I can but consider the estimated cost of the defensive works at Perambore a "Material expense", and one which this Company cannot, under the spirit of the Contract, be fairly called upon to incur.

3. Under the circumstances, I shall be glad to know whether these works are to be constructed at the cost of the Government.

4. It appears to me, that defensive works for our existing Stations must of necessity involve a "material expense", and therefore the objections now raised with regard to Perambore, will apply equally to the other important Stations on the South West Line and Bangalore Branch, but the wishes of the

Secretary of State shall be acted on in the erection of the remaining Stations on our North West Line, where with a careful arrangement of buildings, defensive works can be constructed at a trifling additional cost.

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

Walter J. Shaw
Agent and Manager.

D C&

MADRAS RAILWAY.

From

The Agent and Manager.

To

The Consulting Engineer
for Railways

Dated 19th December 1866.
Recd. 20th —"—

No. 604

Forwarding Copy of Para 16 of the letter from the Secretary of State, No 384, dated 2nd November 1866, and of its enclosures, and stating that with a view to Consultation of the subject referred to, a meeting of the Committee will be held at Pallavaram on the 24th instant, at which the Engineer-in-Chief is requested to attend.

Copy of the above letter forwarded for information, &c.

(5)

Extract of a letter from the Secretary, Madras Railway Company, No 384 dated London 2nd November 1866.

Para 16. In a communication recently received from the Secretary of State, the attention of the Board is directed to a suggestion made by the Government of India with reference to their Circular of the 14th June last, relative to the defence of Railway Stations. The Board deferred forwarding to you these instructions until the receipt of the further communication promised in your letter, No 699; but as this has not been received, I am now directed to forward for your information and guidance, a Copy of the letter from the Secretary of State, dated 3rd October, and of its enclosures, and to instruct you to co-operate with the Government of India, in accordance with the views expressed in the Circulars above referred to.

True extract

Agent and Manager.

Compd Corr

Copy

India Office
3rd October 1866.

Sir,

I am directed by Lord Cranborne to transmit herewith a copy of a Circular issued by the Government of India to the local Governments, dated 14th June last, relative to the defence of Railway Stations, together with a Copy of a Dispatch from Lord de Grey to the Government of India, dated 22nd February last, explaining the views of the Secretary of State in Council on the subject. The Government of India have suggested that the several Railway Boards should be moved to take steps to ensure the co-operation of their agents in India in carrying out the views expressed in this Circular, and I am to state that it will be satisfactory to Lord Cranborne to learn that the Directors of the Madras Railway Company are prepared to instruct their agent accordingly.

I am, &c.
(Signed) J. Cowie, Melville

J. Byrne, Esqr.

Enclosures
Enclosure to Dispatch to S. Railway
Circular to R. dated 14th June 1866.

Brevet Lieut Col. C H Dickens RA

Secretary to Government of India Public Works Department, to local Governments.

1. In continuation of Circular No 10 of 17th July 1864, I am directed to inform you that, so long as no material extra expense is imposed upon the Railway Companies in making their chief railway stations defensible against tumultuary attacks, the cost should, in the opinion of the Secretary of State, be borne by the Companies.

2. The instructions that in particular cases, have from time to time been issued from this Department show that the Government of India do not contemplate any expensive works, or indeed works to which the term fortification could be applied. The Railway Companies must, as a matter of ordinary precaution, enclose their valuable property in some way, either by a wall or otherwise: It only remains to distribute the buildings in such a way as may be desirable to meet the object in view, their design and Construction being made suitable, and generally this can be done without involving any material expense.

3. The attention of the Government of is accordingly requested to the desirability of having what is possible done without delay. The works must be limited to what the Railway Companies are willing to do, but it is clearly to their interests that the Chief Stations should be capable of defence in the manner already explained by the Government of India.

No 2

Railway Stations

To

His Excellency the Right Honorable the Governor General of India in Council

India Office

London, 22nd February 1866

Sir,

Para 1. I have considered in Council your Excellency's Despatch of the 9th December last, No 112, relative to the defence of railway stations.

2. In a Despatch of the 25th May last, No 14, Viscount Harlech Bart. signified approval of the Circulars which you had caused to be addressed to the several local Governments on this subject. That Circulars referred to the selection of extra, for stations, and to the arrangement of station buildings in such a manner as might exist in making the station defensible in case

Copy

No 146 R. dated 16 Jan 1865 to Govt of Madras
No 761/762 R. dated 6 Decr 1864 to Govt of Bombay Military Department
No 643 R. dated 5 July 165 to Bengal
dis No 1070 Rdy 9 Decr 165 Do
No 733 R dy 29 Augt to Punjab
No 496 R dy 24 June 1865 to North Western Provinces

such a measure became necessary and Sir Charles Wood's approval was given under the impression that no material extra expense would be imposed upon the Railway Companies thereby. It now appears, however, that the Construction of extra works is contemplated, and you consider that, under the 4th clause of their Contracts, the cost of such works ought to devolve on the Companies.

3. I am unable to concur in this view. Under the terms of their Contracts, Railway Companies are undoubtedly bound to construct whatever works may, by Government, be deemed necessary for the protection of the lines from injury by inundations, tempests, or other causes whatever; but if, among those causes, operations of an armed force had been contemplated, I cannot but think that they would certainly have been specified in the Contracts. Railway Companies, it is true, are at least as much interested as the Government in making these stations defensible against attack, and any reasonable outlay for the purpose, as for instance, in making a different arrangement of these buildings, or alteration in Construction, not involving any material expense, ought to be borne by them.

4. But if you propose the Construction

Construction of works beyond this description, I think that the Railway Companies cannot be required to expend any part of their Capital in such a manner without a forced Construction of the words of the Contract. If therefore, the works which you contemplate are of the latter character, the Government itself must be at the expense.

I have &c.

(sd) De Grey & Ripon

(True Copies)

Walt. J. Chaplin
Agent and Manager.

Under this circumstance it is deemed to be unnecessary to call for the Company's opinion as to the best mode of carrying out the proposed Works.

Comptroller
1st Dec.

Copy

No. 487.

Comparative Statement of Stations. Fortified and Not Fortified.

	Fortified Tadputree Station	Not Fortified Moodanoor Station	Increase
	Rs	Rs	Rs.
Station House	5,601	4,327	1274
Verandah and Platform	7,129	5,850	1279
Tank House	2,643	1,896	747
European & Native Quarters	1,889	1,647	242
For One Station Rupees			3542
For three Stations Rupees			10,626

It appears that exclusive of the defensive works at the Bridge across the Toongabadra, the Agent and Manager of the Madras Railway proposes to expend a Sum of upwards of 10,000 Rupees on behalf of the Railway Company in defending three of the Stations on the North West Line.

Tadputree,
Goondacul, and
Adoni.

G. O. No. 2532
dated 10 August 1866.

2. The defensive works for the Toongabadra Bridge were Estimated to cost 16,572 Rupees, but as the Government considered the plan unnecessarily costly

Colombo Jany 1867

Sir,

I beg to forward with this a sketch plan for the strengthening of the Railway Station at Kurnool & Tadputree with a view to their defence in the event of any disturbance arising from the Mahomedan fanatics who are constantly assembling at the Kurnool Fair & Rotherdenkonda Hill Fort. The Fair is held annually in March & April & attracts a large concourse of people from all parts of the Deccan. The Station at Kurnool is the most important of the two, as it is the Railway Terminus, & the Station at Tadputree is only a Wayside Station. The Fair at Kurnool lasts for a month & the Station is only 3 miles from the town. The Station at Tadputree is 12 miles from the town of Kurnool.

The Agent is one of opinion that the Station at Kurnool is somewhat insecurely constructed to withstand the attack of a fanatical crowd, & that some degree of protection should be given to the Station Buildings & Rolling Stock. The Station at Tadputree is considered sufficiently secure.

The Agent is one of opinion that the place will be considered by the fanatics in some degree in connection with the Railway, & that it would afford the means of defending Railway Property & the security of Govt against a danger directed against Government. The Govt may therefore wish to have the whole question of the Railway Defences considered by competent Military authority. Plans & Estimates of the proposed works are submitted herewith.

I have the honor to be
Sir
Your most obedient
humble Servant
Col. RE
Secy to Govt

The Secretary to Government
Military Department
Fort St George

Circulated for the information of Government.

Wm Morison
Secy to Govt

costly it has been sent to the Agent by their Order for reconsideration. But it may be assumed that the works in question will not cost less than 10,000 Rupees, and that the total expenditure for defensive works on the North West Line, which will be defrayed by the Railway Company, will not be less than 20,000 Rupees.

3. As regards the works lately recommended for the Sanction of the Government of India for the protection of the Perambore Workshops, which the Agent considers should be built at the expense of Government, I am of opinion that the interests of Government are not so much involved in the protection of the railway stock as to render it advisable for them to incur the whole of the outlay in question. The works are not more than the Railway Company might have been reasonably expected to provide, if the workshops had to be built afresh. They are not designed to withstand the operations of an armed force, but to keep out rioters and incendiaries, and being an addition and improvement to the existing enclosure wall, the machinery and stock within are

G.O. No 3759 dated 26 November 1868.

rendered more secure at all times, and the expense of guarding them ought to be less.

4. If the terms of the Secretary of State's despatch free the Railway Company from the obligation of bearing the whole expense of the proposed works, I would still recommend that they be called upon to bear at least one half of it, seeing that they are directly, while the Government is only remotely, interested in the protection of their plant.

Madras
20 December
1868

F. Abercrombie Lieut Col RE
Consulting Engineer for Railways

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

10" Aug 9/66 No 2532
26" Nov — " — 533-535

Pub Dep 1865 Sept
[15] 3 1866 No 5196

RAILWAY DEPARTMENT.

From

The Consg. Engineer for Railways,

To

The Secretary to Government,
P. W. Dept.

Dated 20th } Dec 4th 1866.
Received 21st }

No. 481.

Enclosures, No. 3
No 264 - 28th January 1867
observations and
a letter from the Agent
& Manager of the So. M. R. C.
stating that he is of
opinion that the Estimated cost of the defensive works at Perambore & material expenses & one which the Consg Comm. of Rs. fairly entitled upon to incur.

No 537.

C. 11th January 1867 Dr. 18th

Pour cab

Rec'd Public Works Dept 10

2 Encl No 264. (4)

Proceedings of the Madras Government
Under date the 28th January 1867
Read the following

From the Consulting Engineer
for Railways. (Here enter 20th December 1866.
No 481)

The Governor in
Council observes that
the workshops of the
Madras Railway Com-
pany at Perambore have
already been supplied with
a wall of sufficient
strength to protect from
ordinary depredation
the valuable property
which they contain,
and

and that, when those buildings were erected, the Company were ignorant of the desire of the Government of India that important depots of rolling stock, such as Perambore, should be capable of being defended against tumultuary attack. The works sanctioned on the 26th Novr. last were designed with this latter object, and when they are completed the enclosure will, in case of need, form in some degree a place of strength and refuge to those residing in the vicinity, and will afford the means of defending property necessary to the Government.

Taking these points into consideration, together with what is set forth in the foregoing papers, his Lordship in Council is of opinion that the cost of the works in question should be

+ In G.O. 3759.

× R. 18699

and that, when those buildings were erected, the Company were ignorant of the desire of the Government of India that important depots of rolling stock, such as Perambore, should be capable of being defended against tumultuary attack. The works sanctioned on the 26th Novr. last were designed with this latter object, and when they are completed the enclosure will, in case of need, form in some degree a place of strength and refuge to those residing in the vicinity, and will afford the means of defending property necessary to the Government.

Taking these points into consideration, together with what is set forth in the foregoing papers, his Lordship in Council is of opinion that the cost of the works in question should be

+ In G.O. 3759.

× R. 18699

be borne by the
State.

33

10 lo Sam Engr for Rys
6 lo S E 4 Dus
4 lo Contables
3 lo A/Sl
Augs 29/1/67

Pub: Works 1867 Department

Proc: of Govt for January

No 264

Proc: of the Madras Govt

Dt 28th January 1867

The cost (Rs 18699) of Defensive works at the Perambore Station Madras Railway, to be borne by the State.

No 537-538