M.R.O. 1—77,006—8-6-37.

(1) Number of pages 16

(2) Date of repair 16-3-43

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 987. Press / Mis.

585-586

Dated 29-1- 1867

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
29th January 1867.

No. 585. Read the following Endorsement of the Consulting Engineer for Railways, dated Madras, 10th January 1867, No. 6 :—

Read the following letter from the Agent and Manager of the Madras Railway Company, to the Consulting Engineer for Railways, dated Madras, 9th January 1867, No. 10.

I have the honor, in accordance with the suggestion referred to in your letter of the 28th November last, No. 522, to submit a revised drawing and estimate of the fortified towers intended to be erected at the north end of the Toongabuddra bridge, involving an outlay of Rupees 5,709.

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1. The plan of the proposed fortified entrance to the bridge over the river Toongabuddra has been modified, as suggested in paragraph 2 of G. O., dated the 26th November last, No. 3,759, and the cost of the work has been reduced from Rupees 16,572 to Rupees 5,709.

2. The alteration in the original design, so far as appearance is concerned, is is not an improvement, the outline of the two towers bearing a close resemblance to binocular glasses. Without recommending that the Chief Engineer be called upon to re-model it for the inspection of Government, I would suggest that the plan of the work be either square or octagonal, in preference to the circular form now adopted.

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

No. 586. ORDER THEREON, 29th January 1867, No. 287.

RAILWAY, No. 43.

1. The Governor in Council is unable to approve of the plan of the proposed fortified entrance to the Railway bridge over the Toongabuddra river, submitted with the foregoing papers.

2. When viewed from a Military point the design proposed appears to be faulty and imperfect. It is observed that there is no communication leading from the one tower to the other, that there is little or no provision for flanking defence, and that there appear to be no means of mounting a piece of ordnance upon either tower.

3. As the building is required solely for defensive purposes, and may be regarded as almost purely a Military work, the Government are of opinion that it should be designed in accordance with the recognized principles of fortification, and His Excellency in Council accordingly resolves to request the Consulting Engineer to prepare, in communication with the Chief Engineer of the Madras Railway Company, a revised plan, bearing in mind, with due regard to economy, the several points noted in paragraph 4 of the Order of Goverment dated the 20th June last, No. 1,932. The work to be designed should in short be one which, while it will serve as an effectual protection to the property of the Railway Company and to their employés, can be erected at the smallest possible cost consistently with the requirements of the site it is intended to occupy.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer for Railways, with one Estimate and one Plan.

Exd. S. T. Augustin.

No. 10.

39

MADRAS RAILWAY COMPANY.

AGENT AND MANAGER'S OFFICE.

Madras, January 9th 186 9

From

A. B. Davin Esqr.

Agent and Manager. of the M.R.Co.

To

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

Consulting Engineer for Railways.

SIR,

I have the honor, in accordance with the suggestion referred to in your letter of the 28th November last, No 522, to submit a revised Drawing and Estimate of the Trestled Towers intended to be erected at the North End of the Coongabundra Bridge, involving an outlay of Rupees 5709-0-0.

I have the honor to be,

Sir,

Your most obedt. Servant.

Walter J. Davin

Agent and Manager.

MADRAS RAILWAY.

From

The Agent and Manager.

To

The Consulting Engineer

for Railways

Dated January 1st 186 7

Recd. — " —

No 10

Submitting for the sanction of Government, a series of Drawings and Estimates of the Earthwork and Extent of the Excess Lengths of the Excess Lengths at the North end of the Bridge.

1867

4th 6.

The plan of the proposed fortified Entrance to the Bridge over the River Coovum abuddra has been modified as suggested in paragraph 2 of G. O. dated the 26th November last, No 3759, and the cost of the work has been reduced from Rs 16,572, to Rs 5,709.

2. The alteration in the original design, so far as appearance is concerned, is not an improvement, the outline of the two towers bearing a close resemblance to bi-circular glasses. Without recommending that the Chief Engineer be called upon to remodel it for the inspection of Government, I would suggest that the plan of the work be either square or octagonal in preference to the circular form now adopted.

Madras
10th January/67

I have the honor to be
Sir
Your most obedient Servant
J. Anderson Lt Colonel
Consulting Engineer for Rys

To,
The Secretary to Government
Public Works Dept
Fort St George.

26th Nov. 1866 No. 3759

Rec'd 25 Jan 1867 Dept. Pub. Works
Proceedings of Govt for January
1867 No 95

RAILWAY DEPARTMENT.

From

The Consg. Engineer for Railways,

To

The Secretary to Government,
P. W. Dept.

Dated 14th } Jany 1867.
Received 17th }

No. 6

Enclosure, No. 1 to 3
Plan — 1-3

Observations on a letter from the Genl. Manager of the R. Coy submitting for the sanction of Govt, a revised Drawing & Estimate of the Portified Towers intended to be erected at the North end of the Coongabuddra Bridge

No 585

C. 23d Jany 1867. R. 25th

No. 287 - 25th Jany 1867.

Circular {}

Railway — Public Works Dept

96

287 287

Proceedings of the Madras Government
Under date the 29th January 1867
Read the following

From the Consg Engineer for
Railways

Dated 10th January 1867
(Received 16th)

The Governor in Council is unable to approve of the plan of the proposed fortified entrance to the Railway bridge over the Toongabudra river, submitted with the foregoing papers. ~~The design is not only defective in its general appearance, as remarked by the Consulting Engineer, and contracted~~

to

regard to economy ~~and the general appearance of the finished~~ the several points noted in para 4 of the order of Government dated the 20th June last No. 1932. The work to be designed should in short be one which, while it will serve as an effectual protection to the property of the Railway Company and to their employés, can be erected at the smallest possible cost consistently with the requirements of the site

like it is intended to occupy.

To
The Consulting Engineer
for Railways with one plan
Dec[r] 30/1/07

Pub: Works 1867 Department

(11)

Pro: of Govt. for January

No. 287

Pro: of the Madras Govt.

Dt 29th January 1867

The Consulting Engineer instructed to prepare on communication with the Chief Engr. of the Madras Railway Company, a revised plan for Fortified Entrance to the Tungabuddra bridge.