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. 3449 Press / Mis.

345-346

Dated 16- 11- 1865.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
16th November 1865.

No. 345. Read the following letter from the Superintending Engineer, 4th Division, to the Secretary to Government, Public Works Department, dated Madras, 11th November 1865, No. 77:—

1 Letter from Resident Engineer I. T. Company, No. 179, dated 14th July 1865.
Do. to do., No. 69, dated 11th August 1865.
Do. from do, No. 290, dated 1st November 1865.

I have the honor to forward the accompanying correspondence with the Resident Engineer of the Indian Tramway Company, relating to plans, &c., of the Cortelliar, Pulloor, and Kumbumkal bridges, and to request that you will be good enough to obtain the permission of Government for me to furnish that Officer with copies of plans and estimates of the above-mentioned bridges.

No. 346. ORDER THEREON, 16th November 1865, No. 3,449.

CIVIL WORKS, No. 53.

The Government have no objection to copies of the plans and estimates referred to being furnished by the Superintending Engineer of the 4th Division to the Resident Engineer of the Indian Tramway Company.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 4th Division.

Exd. S. T. Augustin.

Signed B. W. Holloway
Resident Engr.

Indian Tramway Co.
Resident Engineers Office
Arcot 11th July 1865

No. 179 From B. M. Holloway Esqre C.E.
Resident Engineer

To Colonel A. T. M. Boileau
Superintending Engineer 1st & 2nd
Madras

Sir

I have the honor to inform you that the Secretary Indian Tramway Co., in his letter to me dated 10th Ultimo, states, with reference to the amount sanctioned by Government, for the Bridges constructed, that the Board were not prepared for such small contributions, after having been advised that the sum in the Budget 1864/65, for the Cortilliar Bridge alone was Rs. 30,000- The Estimates named in the copy of Proceedings seem so very low, that the Board beg they may be obliged with the details: In accordance with this requisition, I have to request that you will be good enough to favor me with copies of the Plans, Estimates, abstracts and maps referred to in your communications No. 89 & 90 to Coll. Orr, Secretary to Government.

I have the honor to be &c.
(Signed) B. M. Holloway
Resident Engr.

No. 69.

Supdt. Engr's Office, 1st Div.
Madras 10th August/65.

To

P. M. Holloway Esqre. C. E.
Resident Engineer E. I. Co's (2nd)

Sir

With reference to your letters No. 179 dated 11th July 1865 & No. 206 dated 8th August 1865, I have the honor to inform you, that the Sum of Rs. 34000, was entered in the Budget as a guess Sum, as there was no time to obtain a Section of the River Cortelliar, or to make a detailed Estimate for a Bridge -

2. The orders of Government are very Stringent against allowing Plans to be made over to other Departments - I cannot therefore let you see the Bridge plans - I have, however, no objection to inform you, that my Estimate for the Cortelliar Bridge allowed for a work of 5 Elliptical Arches of 50 feet Span, Height of Piers & Abutments 6 feet Rise of Arch 10 feet, Thickness of Piers 6 feet thickness of Abutments 12 feet, clear width of Roadway 18 feet (16 feet is all that I need have allowed) Length of Wing walls 25 feet; the depth necessary to

to be given to foundations, you know, to be only about 2 feet, whereas I allowed 6 feet. you have in the above I believe, before you sufficient data to calculate what such a Bridge as I proposed, should cost - On my hearing from you, I will let you know what my Estimate was; I will only add that I allowed rates much in excess of those ordinarily in use with the Department -

3. For the Pullaur River, I allowed for a Bridge of 6 Arches of 20 feet Span - Foundations on Wells 8 feet deep Sunk, 12 feet below bed, with 4 feet of Masonry over the Wells. Piers 3 feet high & 3 feet thick Abutments 6 feet thick - Wing Walls 20 feet long - Rise of Arches (oval) 4 feet. Roadway in the clear 16 feet. Parapet Walls 14 inches thick 3 feet high -

4 For the Kambinkal channel, I allowed a work of 7 Arches of 15 feet Span. Foundations as in Pullaur Bridge. Piers & Abutments 4 feet high, Piers 3 feet thick, Abutments 5 feet, Wing Walls 15 feet long. Roadway 16 feet in the clear -

5. Any further information you may require, I will be glad to give you -

I have &c.

Madras
10th August/65.

Signed A. Boileau Col. & C.
Supdt. Engr. 1st Div.

Indian Tramway Company
Resident Surveyor's Office
Arconum 1st November 1865.

No. 290

From

D. Mc. Holloway Esqre
Resident Surveyor & Traffic Manager

To Capt. J. Goddard R.E.
Offg Superg Engr 1st Div.
Madras

Sir

Adverting to Colonel Boileau's letter No. 69 dated 10th August last, I have the honor to inform you, that the Secretary of this Company in his letter received by last Mail states, that the Board see any objection to be favored with copies of the Plans, Estimates &c. referred to in my letter No. 179 of the 14th July, and again desired me to make another application for them; if the orders of Govt. against issuing Plans &c. are imperative, I beg you will be good enough to consider this an exceptional case, and obtain Sanction for the above being supplied to me.

I have &c.
(Signed) D. Mc. Holloway,
Resident Surveyor & Traffic Manager.

True Copies

A Boileau Coll. R.E.
Superintending Engr 1st Div.

159

A Boileau
Supg Engr 1st Div.

Enclosure in a letter
from the Supg Engr 4-Dn
to the Secretary to Govt
P.W.D. No 99 dated 11th
November 1865.

PW 4486/65

Recd 16th Novr/65 Bdle 345

No 99. Superintending Engrs Office 4-Dn
Madras 11th November 1865

From
Colonel A. J. M. Porteau R.E.
Superintending Engineer 4-Dn

To
Colonel C. A. Orr R.E.
Secretary to Government P.W.D.

Sir,

I have the honor to forward the accompanying correspondence with the Resident Engineer of the Indian Tramway Company, relating to plans &c of the Cartellian Pullor, and Kambunkal bridges, and to request that you will be good enough to obtain the permission of Government for me to furnish that Office with copies of plans and Estimates of the abovementioned bridges.

I have the honor to be.
Sir
Your Most Obedient Servant
A Porteau Col R.E.
Supg Engr 4 Dn

Porteau Col R.E.
Superintending Engr 4th Dn

1/9

For 1865 Dated
Proy of Cons[ts] for November
No 4486.

The Superintending Engr
4th Division

To
The Secretary
to Government of W[a]
dated 16th
Rec[d] 18th November 1865

No 99.

Forwarding Correspondence with Mr. Resident Engineer of the Indian Tramway Company, and requesting permission to furnish that Office with Copies of Plans and Estimates of the Cochin Pallom and Ammayanad Branch No 3449: 16th November 1865

Lid under Orders

Circle Works

No 3449.

The Government have no objection to copies of the plans and estimates referred to being furnished by the Superintending Engineer of the 4th Div[n] to the Resident Engineer of the Indian Tramway Company

Post of Cheques
16th November 1865

2 Bd Dft

16/2

Dep[t] 17th November

No 345. 346.