M.R.O. 1—77,000—8-6-37.

(1) Number of pages 6

(2) Date of repair 16-6-42

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 518 Press / Mis.

375-376

Dated 21-3- 1862.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 21st March 1862.

No. 375. Read the following letter from Lieutenant-Colonel J. OUCHTERLONY, Acting Deputy Chief Engineer, Northern Circle, to Lieutenant-Colonel W. H. HORSLEY, Secretary to Government, Department Public Works, dated Chepauk, 28th February 1862, No. 163:—

SIR,

1. I request your reference to my letter No. 129, under date 21st February 1862, which gave cover to an estimate amounting to Rupees 15,400, for the erection of two bridges on the high Level, or Ellore Canal in the Godavery District.

2. Those bridges were planned as masonry structures, but reflecting that as Government have decided to extend the scope by increasing the cost of the Dowlaishwaram Workshop Establishment, it is manifestly desirable to throw as much Public Work upon it as will prove unquestionably remunerative, it occurred to me that Government might be disposed to approve of the substitution of iron as a material for the bridges in question.

3. I accordingly begged the District Engineer to prepare, in communication with the Superintendent of the Workshops, an estimate for a girder bridge of the lattice pattern, and the result is that the cost is estimated—

for 50 feet span at Rupees 5,000
and for 40 „ „ 4,500

but in communicating these particulars the District Officers state that "there is no suitable iron at Dowlaishwaram."

4. Under these circumstances therefore Government will probably not desire to pursue this idea further; but at the same time as iron girder bridges are so very easy and quick of construction, and as water carriage abounds in the Godavery District, it might be thought advisable to provide a stock of plate and angle iron for the foundries of dimensions suitable for work which would be so legitimately undertaken by their establishments.

No. 376. ORDER THEREON, 21st March 1862, No. 518.

1. It is not quite clear from the above letter whether Rupees 5,000 represents the whole cost of an iron bridge of 50 feet span or only that of the girders. If the former the Government would approve its substitution, inasmuch as it would be a more economical structure; but before passing definite orders, they require to be assured of the relative cost of the iron and masonry bridges.

2. It is observed that a large quantity of iron was purchased in Calcutta lately for the construction of boats, and, if this prove suitable, it might be used for the bridge, and other iron procured to supply its place; but in any case the District Engineer can estimate the quantity required, and submit Indents for the same, which can possibly be supplied from the iron Bridge Yard in Calcutta.

3. The order passed on the previous letter* from the Deputy Chief Engineer No. 129, dated 21st February 1862, will be considered in abeyance until the result of the enquiry now directed is known.

(Signed) W. H. HORSLEY, Lieut.-Colonel,
Secretary to Government.

* Government Order 12th March 1862, No. 407.

Central Office of Public Works
Chepauk 28th February 1862.

No. 183.

From,

Lieutenant Colonel J. Cracklethorpe
Acting Deputy Chief Engineer N. C.

To,

Lieutenant Colonel H. E. Hornby
Secretary to Government P. P. W.
Fort Saint George.

Sir,

I request your reference to my letter No. 129 under date 21st February 1862 which gave cover to an Estimate amounting to Rupees 15,400 for the erection of 2 bridges on the High Level, or Ellore Canal in the Godavery District.

2. Those bridges were planned as Masonry structures, but reflecting that as Government have decided to extend the scope by increasing the cost of the Dowlaish-weram Workshop Establishment, it is manifestly desirable to throw as much Public work upon it as will prove unquestionably

unquestionably remunerative, it occurred to me that Government might be disposed to approve of the substitution of iron as a material for the bridges in question.

3. I accordingly begged the District Engineer to give me in communication with the Superintendent of the Workshops an Estimate for a girder iron bridge of the lattice pattern, and the result is that the cost is estimated.

for 50 feet span at _____ Rupees 5,000-
and " 40- " " _____ " 4,500

but in communicating these particulars the District Officers state that "there is no suitable iron at Dowlaishweram"

4. Under these circumstances therefore Government will probably not desire to pursue the idea further; but at the same time as iron girder bridges are so very easy and quick of construction, and as water carriage abounds in the Godavery District, it might be thought advisable to provide a stock of plate and angle iron for the Foundries of dimensions suitable for work which would be so legitimately undertaken by their establishments.

I have the honor to be
Sir,
Your Most Obedient Servant
Murchieson Lieut Colo
Mg Dy Chief Engr N. C.

Central Office of N.
Cossipaur
28th February 1862.

To,
Lieutenant Colonel W. H. Horsley
Secretary to Government D. Pr.

P. W. D.
4 1862

12th March 1862. Nos 152-153.
1237-376.

iron procured to supply its place, but in any case the Dist. Engr can estimate the quantity required, and submit Indents for the same, which can possibly be supplied from the Iron Bridge yard in Calcutta -

The order passed on the previous letter from the Dy. Ch. Engr No. 129 dated 21st Feby 1862 will be considered in abeyance until the result of the enquiry now directed is known -

13 Copies. [illegible] 21 March 62
To The Dy Ch Engr
Nos 87 Nos Circle Dist 22

Public Works 1862 Department
Copy to Govt. Madras
No. 581.

From
Lieut Colt J. Courtenay
No. 2 Chief Engr P. C.

To
Lieut Colt H. H. Baroda
Secretary to Govt Dept
Fort St George.

Dated 28th February 1862
Rec'd 1st March
No. 168.

Refers to letter No. 129 dated 21st February 1862 and reports the cost of a Girder bridge of the latticed pattern for the Ellore canal in the Godavery District.

From the Dy. Ch. Engr
No. 10 dated 1862 Cir. 1098.

No. 518 - 21st March.

Write an Order

No. 518

It is not quite clear from the above letter whether the Rs. 5,000 represents the whole cost of an Iron Bridge of 50 feet span or only that of the Girders - If the former the Govt would disapprove its substitution, inasmuch it would be a more economical structure; but before passing definite orders, they require to be assured of the relative cost of the Iron and Masonry Bridges -

It is observed that a large quantity of Iron was purchased in Calcutta lately for the construction of boats, and if this prove suitable, it might be used for the Bridge, and other iron