M.R.O. 1—77,006—8-6-37.

(1) Number of pages 85

(2) Date of repair 4-4-40

(3) Initials of the Referencer

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MADRAS RECORD OFFICE.

Government of Madras.

Financial DEPARTMENT.

G.O. No. 1296 Press / Mis.

60-61

Dated 12-9- 1873.

5/6

60-61

Not to be folded or roughly handled

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(1)

Proceedings of the Madras Government, Financial Department,
12th September 1873.

No. 60. Read the following letter from Major R. B. KENNEDY, Special Executive Engineer, Wynaad, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, Fort St. George, dated Vythery, 30th August 1873, No. 661 :—

In compliance with G. O., No. 2057, dated 19th August 1873, I have the honour to forward plan, specification, and estimate for a Warren girder iron bridge over the Mahvinhalla.

2. I have selected the Warren girder as being the easiest of construction, and most portable style of iron bridge that I know of. The locality is very lonely and unhealthy, and it is a great object to get the work done quickly, and that it shall be of such a description that it shall not require constant repairs. For this reason I have rejected all timber work in the bridge, the whole of which will be of iron. Masonry abutments would take a longer time to construct than I should deem prudent to keep people at the place, and materials would have to be prepared and brought from a considerable distance.

3. The site of the bridge is not very far from the point of confluence of the Mahvinhalla and the main river, the Noogoo. During high floods the water breaks up from the latter, and the waterway is necessarily large, as the Mahvinhalla runs through forest and bamboo land, and clumps of the latter are brought down by floods which would probably destroy the bridge were less height given.

4. I beg to add that the bridge can be constructed before the monsoon, provided funds are *at once* forthcoming.

5. I have sent this direct, instead of through the Local Fund Board, as it is a project which has been specially called for by Government, and early submission required.

Approved, and referred to the Financial Department, with reference to paragraph 2 of G. O., No. 2057, of 19th August.

2. The Mysore Government will be informed of the estimated cost of the work, and requested to place half the amount at the disposal of the President of the Local Fund Board at Calicut.

3. It is suggested to Major Kennedy that so much of the rough-stone casing of piles as takes the place of abutments may be partially laid and pointed in chunam.

OOTACAMUND,
9th September 1873.

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government, P. W. D.

No. 61. ORDER THEREON, 12th September 1873, No. 1296.

Communicated to the President of the Malabar Local Fund Boards, for information, with reference to G. O., dated 23rd August 1873, No. 1196.

(True Extract.)

Chief Secretary.

To the Board of Revenue, with three enclosures.
,, Public Works Department.

Exd. J. H. Burns.

Govt. of Madras.

FINANCIAL.

To

The BOARD of REVENUE,

&c., &c., &c.

Dated September, 12th.

Recd. Instr.

G.O., 12th September 1873, No. 1296.

SEPTEMBER.

Nos. 60-61.

Onlscut Circle.—Letter from the Special Executive Engineer, Wynaad, forwarding plan, specification, and estimate for a Warren girder iron bridge over the Makvinhalla, communicated to the President.

No 661

Special Executive Engineer's Office
Wynaad, Vythery 30th August 1873.

(2)

From,

The Special Executive
Engineer of
Wynaad

To,

The Secretary to Government
Department Public Works
Madras

Sir,

In compliance with G.O.
No 2057 dated 19th August 1873, I have the
honor to forward Plan, Specification and
Estimate for a Warren Girder Iron Bridge
over the Makvinhalla.-

2. I have selected the Warren
Girder as being the easiest of construction,
and most portable style of Iron Bridge
that I know of; the locality is very lonely, and
unhealthy, and it is a great object to get the
work done quickly, and that it shall be
of such a description that it shall not
require constant repairs; for this reason,
I have rejected all Timber work in the
Bridge, the whole of which will be of Iron.-
Masonry abutments would take a longer
time to construct than I should deem pru-

dent

=dent to keep people at the place, and materials would have to be prepared, and brought from a considerable distance.-

3. The site of the Bridge is not very far from the point of confluence of the Mahreinhalla and the main river, the Nooguo; during high floods the water breaks up from the latter, and the waterway is neces=sarily large as the Mahreinhalla runs through Forest and Bamboo land, and clumps of the latter are brought down by floods which would probably destroy the Bridge were less height given.-

4. I beg to add that the Bridge can be constructed before the Monsoon provided Funds are at once forthcoming-

5. I have sent this direct, instead of through the Local Fund Board, as it is a project which has been specially called for by Government, and early submission required.-

I have the honor to be
Sir,
Your most Obedient Servant

Robt. B. Keene Major
Special Exn. Engineer
Wynaad-

Dft 1873 Sept. 13
Fmit No 830

The Special Executive Engineer Wynaad

To, The Secretary to Government O. P. W. Madras

Date 30 August 1873
Rec 3 Sept.
Rec 10th No 661

3 Enclosures
No 1615

Forwards Plan Specification and Estimate for a Wooden Girder Bow Bridge over the Mahgoonthalla

Approved and referred to the Financial Department with reference to para 2 of G. Ord. No 2057 of 19th August.

The Mysore Government will be informed of the estimated cost of the work and requested to place half the amount at the disposal of the President of the Local Fund Board at Calicut.

It is suggested to Major Kennedy that so much of the rough stone coping of Piles as takes the place of abutments may be partially laid and pointed in Chunam.

Ootacamund 9th Sept 1873

G. Walker Lt. R.E. Secy. to Govt. P. W. D.

Ootacamund 12 Sept. 1873. No 1296.

Forwarded to the Executive Engineer Wynaad for information and guidance.

By Order of the Board of Revenue
W. Ryland
Secretary

C 10-9 P 12-9 Sept 73

Govt. of {1873} Madras.

Financial

To

The Board of Revenue

&c.

Dated Sept. 12.

Recd. Encl.

G. O. 12 Sept. , 1873, No. 1296.

Nos. 60. 61.

Calicut-Circle. Letter from the Special Executive Engr. Wynaad, forwarding Plan & Est. for a Warren Girder Iron bridge over the Kakkinhalla, Com. 6 the Presd.