

(1) Number of pages 80(2) Date of repair 2.3.57(3) Initials of the Referencer GP**MADRAS RECORD OFFICE.****Government of Madras.***Public Works* **DEPARTMENT.**

G.O. No.

2652Press  
Mis.

Dated

24-12-1860**Not to be folded or roughly handled**

*Proceedings of the Madras Government, Public Works Department,  
24th December 1860.*

No. 335. Read the following letter from Lieutenant-Colonel W. H. HORSLEY, Chief Engineer, to J. D. SIM, Esq., Acting Secretary to Government, dated Chepauk, 7th December 1860, No. 7,729:—

SIR,

2 Original letters from Special Executive Engineer, Nos. 129 and 171, dated 13th August and 6th September 1860.  
1 Plan 1/8,021, 1860.  
1 Sketch 1/12,346, 1860.  
1 Abstract Estimate.  
1 Specification prepared in this Office

1. I have the honor to forward, for submission to Government, a Plan, Sketch, and Estimate of Rupees 1,570 accompanied by Specification for the construction of a timber bridge across the Waterloo stream at Wellington.

2. The proposed bridge is to replace the old temporary one, built of jungle wood, which Captain Farewell reported\* that he was obliged to pull down, owing to its decayed and dangerous condition.

\* No. 129, dated 13th August 1860.

3. As jungle wood does not last any time when exposed to the weather, and as the scantling required for the bridge work, supposing this description of timber to be used, would cost almost as much as teak, Captain Farewell proposes† to use teak wood in the construction of the bridge, a measure which I quite approve of.

† No. 171, dated 6th September 1860.

4. The Estimate has been examined and corrected in this Office, and I beg to recommend that Government will be pleased to sanction the immediate execution of the work, the amount,

|                                                                                                                |           |
|----------------------------------------------------------------------------------------------------------------|-----------|
| Amount available in the Budget of 1860-61, for isolated works....                                              | rs. 4,317 |
| Deduct amount recommended for sanction from the above source in letter No. 7,304, dated 24th November 1860.... | 585       |
| Amount still available ... ..                                                                                  | 3,732     |

viz., Rupees 1,570, to be defrayed from the sum set apart in the current year's Budget, for isolated works (now reduced to Rupees 3,732, as shown in the margin) as it is necessary to keep open this communication, it being the only one between the Cantonment and Ootacamund in the absence of the bridge across the same stream lower down, which the Government are aware was carried away

Letter to Government, No. 6,005, dated 6th December 1858.

on the 26th November 1858, and has not yet been rebuilt.

No. 336. ORDER THEREON, 24th December 1860, No. 2,643.

The Government sanction from the fund referred to by the Chief Engineer in paragraph 4, the Estimate of Rupees (1,570) one thousand five hundred and seventy submitted with this letter for a new wooden bridge over the Waterloo stream at Wellington.

(Signed) J. D. SIM,  
Acting Secretary to Government.

New work

BUILDINGS

ABSTRACT of Estimate No. of 186 -6

DISTRICT Wellington

WORK Constructing & Building a wooden Bridge over the Waterloo Stream at Wellington

| Quantities.    | Description of Work.                     | Rate. |       | Amount. | Amount of each part. |
|----------------|------------------------------------------|-------|-------|---------|----------------------|
|                |                                          | Rs.   | A. P. | Rupees. | Rupees.              |
| 990 3/4 Cft    | Wrought teakwood — Cft                   | 1     | 4     | 1239    |                      |
|                | Tar for covering and preserving Timber — | -     | -     | 30      |                      |
| 100 lbs        | Wrought Iron straps and ties — lbs       | -     | 5     | 31      |                      |
| 50 Cys         | Rough stone work — Cys                   | 2     | -     | 100     |                      |
|                | Excavating Earth and draining ditches —  | -     | -     | 30      |                      |
|                | Sundries and Extra Establishment —       | -     | -     | 110     |                      |
| Total Rupees — |                                          |       |       | 1570    |                      |

Central Office of P.W.D. 19/12/1860  
Chepauk  
7<sup>th</sup> December, 1860.  
Lieut. Colonel  
Chief Engineer P.W.D.



Central Office No.  
No 7729 Hopkirk 7 Decr 1860

From  
Lieutenant Colonel M. A. Boreley  
Chief Engineer

To  
J. D. Smith Esq.  
Acting Secretary to Government  
P.O.D.  
Per/Smith Esq.

Military

I have the honor to forward  
for submission to Government, a Plan,  
Sketch, and Estimate of Rupees. 1570  
accompanied by Specification for the  
construction of a timber bridge across the  
Waterloo Stream at Wellington.

Encls 6  
2 Original letters from  
Special Executive Engineer  
No 129 and 171 dated 15<sup>th</sup>  
August and 6<sup>th</sup> September 1860  
1 Plan 1/8021/60  
1 Sketch of 12546-70  
1 Abstract estimate  
1 Specification prepared  
in this Office

2 The proposed bridge is to  
replace the old temporary one, built of  
single wood, which Captain Farewell  
reported that he was obliged to pull  
down, owing to its decayed and dan-  
gerous condition.

+ No 129. 81  
13<sup>th</sup> August 1860

As

No 7729  
Encls 6

From

The Chief Engineer  
B O M

To  
The Secretary to Govt  
B O M

Dated 7<sup>th</sup> Decr 1860  
No 7729

Abstract Estimate for  
Constructing and Building a  
timber Bridge over the  
Waterloo Stream at  
Wellington.  
Submitting to Order 1570.

3 The Jungle wood does not last any time when exposed to the weather, and as the sawing required for the bridge work, supposing this description of timber to be used, would cost almost as much as teak, Captain Farewell proposes to use teak wood in the construction of the Bridge, a measure which I quite approve of.

Letter dated  
6<sup>th</sup> September  
1860

4 The Estimate has been examined and corrected in this Office, and I beg to recommend that Government will be pleased to sanction the immediate execution of the work, the amount, Rs. 1570, to be defrayed from the sum set apart in the current year's

Amount available in the Budget of  
1860-61 for isolated Works. Rs. 1,317-2-0

Deduct amount recom-  
mended for sanction  
from the above source } " 585  
in letter No. 30 dated  
24<sup>th</sup> November 1860.

Amount still available Rs. 3,732.

Budget for isolated  
works (now reduced  
to Rupees 3,732, as  
shown in the margin)

as it is necessary to keep open this communication

communication, it being the only one between the Cantonment and Polacarnund in the absence of the Bridge across the same stream lower down, which the Government are aware was carried away on the 26<sup>th</sup> November 1858, and has not yet been rebuilt.

Letter to Government  
No. 6005 dated  
6<sup>th</sup> Decr 1860

Chopank  
7 Decr 1860

I have the honor to be,  
Sir,  
Your most Obedt Servt

C. B. St. Colonel  
Dy Chief Eng & Clerk

W. H. Doreley Viceroy's Colonel

To  
Chief Engineer  
J. D. Sim  
Acting Secretary to Government  
Port Saint George.

W. H. Doreley

No of 23<sup>d</sup> Dec<sup>r</sup> / 1860  
From Eng<sup>r</sup> Engineer of  
24<sup>th</sup> Dec<sup>r</sup> / 1860

24<sup>th</sup> Dec<sup>r</sup> / 1860  
No of 23<sup>d</sup> Dec<sup>r</sup> / 1860

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