M.R.O. 1—77,006—8-6-31.

(1) Number of pages 70

(2) Date of repair 22.3.39

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	Press / Mis.
Dated	18 .

Not to be folded or roughly handled

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

	Rs.
Amount available in the Budget of 1860-61, for isolated works....	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

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

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. Rs.	A.	P.	Amount. Rupees.	Amount of each part. Rupees.
990 3/4 Cft.	Wrought teakwood — Cft	1	4	"	1239	
	Tar for Covering and preserving Timber	"	"	"	30	
100 tts	Wrought Iron straps and ties — tt	"	5	"	31	
50 Cyd	Rough stone work — Cft	2	"	"	100	
	Excavating Earth and driving piles &c	"	"	"	30	
	Sundries and Extra Establishment	"	"	"	140	
					Total Rupees —	1570

Central Office of Ch Lt W. P. Boothby Lieut.t Colonel
Chepauk Chief Engineer D Ch.
7th December, 1860.

Quantities.	Description of Work.	Rate.			Amount.	Amount of each part.
		Rs.	A.	P.	Rupees.	Rupees.

P.W.D. No. 2939
Enclosure

No.

From

The Chief Engineer

D. P. W.

To

The Secretary to Govt.

D. P. W.

Date 7th Dec.r 1860
Recd. 10th Dec.r 1860
No. 7729.

Abstract Estimate for
Constructing and Building a
wooden Bridge over the
Waterloo Stream at
Wellington.
Amounting to Rupees 1570.

Central Offices P.W.D.
No. 7729 Chepauk. 7th Dec.r 1860

From

Lieutenant Colonel W.H. Horsley
Chief Engineer

To

J. D. Sim Esq.r
Acting Secretary to Government
P.W.D.
Fort St. George.

* Military

Sir.

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.

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.

Encls. 6
2 Original letters from Special Executive Engineer Nos. 129 and 171 dated 13th August and 6th September 1860.
1 Plan 1/8021/60
1 Sketch 1/12346-60
1 Abstract Estimate
1 Specification prepared in this Office.

+ No. 129. D/ 13th August 1860.

As

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 -

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, vizt Rs. 1570, to be defrayed from the sum set apart in the Current years Budget for isolated works (now reduced to Rupees 3,732, as shewn in the margin) as it is necessary to keep open this communication

- No 171 dated 6th September 1860

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. 1304 dated 24th November 1860 - " 585
Amount still available Rs 3,732.

communication, it being the only one between the Cantonment and Botacamund in the absence of the Bridge across the same Stream lower down, which the Government are aware was carried away on the 26th November 1858, and has not yet been rebuilt -

Letter to Government No. 1005 dated 6th Dec. 1858.

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

(Ootacamund 7th Decr 1860)

W. H. - Lt Colonel Dy Chief Engr & Circle

Lt. Colonel Chief Engineer

To
J. D. Sim Esqr
Acting Secretary to Government
Fort St. George -

Ex'd D. Harper

Proc of 23rd Dec. 58 Nos 184-185
From Chief Engineer D.
24th Novr 60 Encl 2800

P. W. 1860 Desp.
Proc: of Govt for Secr
No 2939

From
Lt Colonel N H Horsley
Chief Engineer

To
J. D. Sim Esqr.
Acting Secretary to Govt.
P.W.D.

Dated 7th Decr 1860
Recd " No 7729
Ent Exp. Reg. 1860 Page
From Chief Engr 24 inst.
Submits, for sanction,
a Plan and Estimate
of Rs 1,570 for the construc-
tion of a timber Bridge
across the Waterloo
Stream at Willington
No 2643. 24th December
With an order

No 2643 No 2643.

The Government sanction
from the fund reported to
be by the Chief Engineer on
para 4 the Estimate of
Rupees (1570) one thousand five
hundred and seventy
submitted with this letter
for a new wooden bridge
over the Waterloo Stream
at Willington.

Fort St George
24th December 1860
10 Copies
Chief Engineer

with 5 Encls
Dispd 26

No 335 & 336.

C 15th Dec 19