(1) பக்கங்களின் எண்ணிக்கை 20

(2) புதுக்கித் திருப்பிய நாள் 6.90

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

அரசாணை எண். 934
மு. கோப்புத் தாள் எண்.

அச்சகம்
பலவகை

நாள் : 10.4.1893

1993.

10

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண. கா-1—18,006—15-6-87.

934
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From J. C. LARMINIE, Esq., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Moranam, 12th March 1893, No. 93 W.

I have the honour to submit, for sanction of Government, a plan and an estimate, amounting to Rs. 7,700, for reconstructing the damaged pier of Noorady bridge in the first mile sixth furlong of road No. 57, Ernád taluk, Malabar district.

2. The report and office-note which accompanied the President's letter fully explain the necessity for the work.

3. The Collector is anxious that the work should be completed before the monsoon sets in.

From H. BRADLEY, Esq., President, District Board, Malabar, to the Chief Secretary to Government, dated Calicut, 20th March 1893, Ref. on C. No. 686/L.F.Gl.

The Superintending Engineer, IV Circle, informs me in his letter No. 104 M., dated 12th instant, that the plan and estimate, amounting to Rs. 7,700, for reconstructing the damaged pier of the Noorady bridge has been submitted to Government for sanction.

2. It is necessary that the work should be completed before the next monsoon, as otherwise the iron superstructure now standing on mere wooden piles will have to be dismantled in order that it may not be washed away by floods.

3. I have therefore the honour to request that Government will be pleased to accord its very early sanction to the estimate.

No. 179, Local and Municipal.

Transferred to the Public Works Department.

FORT ST. GEORGE,
24th March 1893.

(Signed) A. T. PRINGLE,
Assistant Secretary.

ORDER—dated 10th April 1893, No. 934 W., Public Works.

The estimate, amounting to Rs. 7,700, for reconstructing the damaged pier of the Noorady bridge on road No. 57 in the Ernád taluk, Malabar district, is sanctioned.

2. It is observed that the estimate has not been countersigned by the President of the District Board and that a copy of the Board's resolution passed thereon has not been submitted, as required by para. 25 of the rules issued with G.O., No. 721 L.F., dated 26th June 1886.*

* G.O., No. 1995 W., dated 10th August 1886.

3. The sanction accorded in para. 1 has been registered as Local No. 1 W. of 1893–94.

(True Extract.)

Major, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
„ Local and Municipal Department,
with plan and estimate (8).
Editors' Table.

Exd. A. D. Xavier.
Spare Copies

934
2

2
586

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1893} Madras.

PUBLIC WORKS.

Dated April, 10th.

Recd. *Encl.*

G.O., 10th April 1893, No. 934 W.

APRIL.

Noorady Bridge

Estimate of Rs. 7,700 for reconstructing the damaged pier of the — on road No. 57 in Ernád taluk, Malabar district, sanctioned with remarks.

- Ch. 2883

934
93

This estimate should be expedited - When will it be disposed of?

C.S
27.III.93

Chw

The estimate will be disposed in tomorrow

F.S.
29.3.93.

D.W

Submitted -
The present letter might be "read" with the draft order on the estimate.

C.S
27-III-93

Yes. ~~pro Member~~
D.W.
27.3.93

934

T

934

Public Works Department.

Current No. 2689 7934/4

Letter No. 93 W.

Dated 12th March 1893

From the Supg. Engineer 1st Circle

Salem.

TECHNICAL NOTE.

B 30/3

Name of work Reconstructing the damaged pier of Kiriadey Girder bridge in the Ernad Taluq. Malabar District

Amount of Estimate Rs 7,700.

This bridge is stated to be on the Nilambur road from Tirur to Malla: puram & is situated on the 18th mile of reading of road No. 57.

The report accompanying the estimate fully explains the cause of damage & the necessity for the reconstruction of the damaged pier.

It is stated in the report that before the collapse of one of the three piers during the flood of July last it was in a very bad & unsafe condition, owing to several cracks of various nature extending from the bottom of the pier & the upstream cut-water being much undermined below summer water level of about 3 feet inwards & 4 feet in height also the bad: ness of the materials used in the construction being of very poor kind

8371
934.5.3 to 498

The iron structure however was perceived in time before the destruction of the pier was to take away the bridge of further use.

The estimate under review provides for reconstructing the pier, as per plan. The depth of the original foundations of this pier was founded on sand, only 7 feet in depth & built of laterite in clay, it is now proposed by the S.E. to sink the foundations to firm soil 15 feet in depth or 8 feet below the old foundations & build it entirely of cement concrete faced with laterite stone. The superstructure of the pier & cutwater are both of laterite in cement mortar except the upstream cutwater which will be faced with cut stone work. The top of the pier is 7.0" & the bottom 9.6" with a batter of 1 in 24 all round including the cutwaters & raised to 32.6" high.

A item of the ratio cannot be checked. The rate for cement pointing is in excess of the Divisional rate, viz Rs 3-8-- against Rs 5-- as provided for in the estimate.

There appears the same difference of opinion between the S.E. & the Dist. Board Engineer as to the foundations being built of concrete, the S.E. suggests concrete but the Board Engineer considers it expensive & suggests laterite in mortar

937
4

The plans & estimate were submitted as scanned. It is stated, at the suggestions of the Supdg Engineer but it will be observed that the estimate has been carefully revised by the Supdg Engineer.

The plans & estimate have not been countersigned by the President Dist. Board but in his letter the S.E. requests that the estimate amounting to Rs 7.556, prepared by the Dist. Board Engineer, may be approved of by the S.E. The estimate has not been submitted.

The work is stated to be urgent & the Collector requests that the bridge should be completed before the monsoon

28.11.33.

Let enquiry into this
Dy. Executive engineer
should - Plan provided
work in
5/12

Supg. Engineer's office, 4th Circle,
Camp, Morvanam, 12th March 1893.

No. 93/V

From,

934/5

J. C. Larminie, Esq,
Supg. Engineer, 4th Circle,

To

The Chief Engineer, 1 Plan
P.W. Department.

Sir,

I have the honor to submit for sanction of Government a plan and an Estimate amounting to Rs 7700 8000 for re-constructing the damaged Pier of Naradi bridge in the 1st mile 6th furlong of road No 57. Ernad Taluq, Malabar District.

2. The report and office note which accompanied the President's letter fully explain the necessity for the work.

3. The Collector is anxious that the work should be completed before the monsoon sets in.

I have the honor to be,
Sir,
Your most obedt servant,

J C Larminie
Supg. Engineer 4th Circle.

Encls. 8
1 Plan
1 Estte
1 Abstract
1 Report
1 Office note
1 Presi-letter
1 Specifn
1 L.F Evans's letter

934
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2
934

From P.W. CURRENT No. 2689

The Supg. Engr
4th Circle

No. 1995 W 4/10-8-86

Dated 12.
Recd. 18. } March 93

No 93
W

Encls 8 (Nine)

Recmdg. the damaged
pier of Nuradi bridge
Submits for sanc-
tion an estimate of Rs
7700/ for —

Rejd. No. 686 Malabar Dt Bds office
1786 Calicut 20th march 1893.

Local & Municipal Board
P.W. CURRENT No. 957

From
934

Henkel Bradley Esq.
President Dist Board.
Malabar.

To

The Honble C. A. Galton
Offg Chief Secretary to Govt
Madras.

Sir,

The Superintending Engineer 4th Circle
in his letter No. 104/M dated
12th Inst. submitted the Plan and Estimate
amounting to Rs 7700 for reconstruct-
-ing the damaged pier of the —
Nuradi Bridge has been Sub-
-mitted to Government for Sanction.

Vide Cir. Proc
No 111

2. It is necessary that the work
should be Completed before the next
monsoon as otherwise the Iron
Superstructure now standing
on more wooden piles will
have to be dismantled in order
that it may not be washed

away by floods.

3. I have therefore the honor to request that Government will be pleased to accord its very early sanction to the estimate.

I have the honor &c.
Sir,
Your most obedt servant

[signature]

President

934
8

934
8

P. W. CURRENT No. 2883

~~Local & Municipal Dept~~
CURRENT No. 957 L

From,
The President
Dist: Board
Malabar

To
The Chief Secretary
to Govt
Madras

D. 20 — 3 - 93
Dep
Rec. 27-3-93

No. 179
Transferred to the Public Works Department.

30

M. Ringle
Assistant Secretary

Fort St George
21st March 1893

CHIEF SECRETARY'S OFFICE
RECEIVED
MADRAS

To The Public Works Department

Requesting early sanction to the estimate & Plan of the Amradi Bridge submitted by the Rapdy Engineer & Circle.

(With Endorsement)

PUBLIC WORKS DEPARTMENT.

No. 934 W dy 10 April 1893

934/5

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

From the S. E. IV Circle No. 934 W dy 12 March 1893
" President Dt Bd Malabar Reference cir: 6866 / 94 dy 20 do
Endorsement thereon in the Local Dept. No. 179 dy 24 do

The estimate, amounting to Rs. 7,700, for reconstructing the damaged pier of the Nooraldy bridge on road No. 57 in the Ernaad taluk, Malabar District, is sanctioned.

2. It is observed that the estimate has not been countersigned by the President of the District Board, and that a copy of the Board's Resolution passed thereon has not been submitted, as required by para 35 of the rules issued with G. O. No. 721 L. dy 26 June 1886*

* G. O. No. 1995 W dy 10 Augt. 86

3. The Sanction Accorded in Penal has been registered as Local No. 1 W of 1893-94.

F. Cosgrave 1893

5.4.93

478
7/4/93

Urgent

THE CHIEF SECRETARY'S
07 APR 93
GOVERNMENT OF MAURITIUS

Note. It is proposed to place this Ground on the Estate Table.

To
The Hon. the Chief Secretary
L & M. Department
for favor of Countersignature

DESPATCHED
26 APR 93

To
The S.E.W. Engr.
- Local and Munpl. Depts.
with plan & estimate
- Estate Table

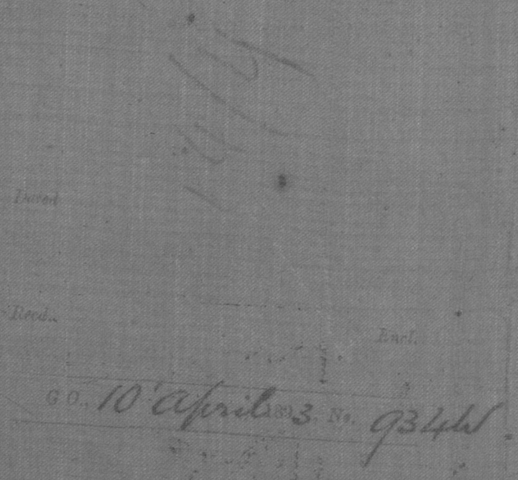
(With Indorsement)

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CNo 2883

Govt. of (1893) Madras.
PUBLIC WORKS.



G.O. 10 April 93 No. 934 W

Noorady bridge

Estimate of Rs. 7700 for reconstructing the damaged bays of the ... on road No. 57 in Ernad taluk Malabar district sanctioned with remarks

3/12/4-