

7396
Public Works (1896) Department.

G.O., No. 697.

DATED 7. August 1896

[Despatch Abstract.]

Bridge: Estimate of Rs. 3360 for reconstruction - on Road No. XX over Ponneri channel, Trichinopoly & sanctioned.

[illegible]

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Estimate of Rs. 3,360 for reconstructing — on road No. 20 over Ponnéri channel, Trichinopoly division, sanctioned.

No. 697 I., 17th August 1896.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following paper:—

From W. HUGHES, Esq., Superintending Engineer, VI Circle, to the Chief Engineer for Irrigation, dated Trichinopoly, 22nd July 1896, No. 1155 T.C.

I have the honour to submit for sanction an estimate amounting to Rs. 3,360, together with plans for reconstructing the bridge on road No. 20 over Ponnéri channel in the Udaiyarpálaiyam taluk, Trichinopoly district.

2. The site of the bridge is about $3\frac{1}{4}$ miles from the head of the channel or about 1 mile below the Marudaiyar under-tunnel, present Ponnéri head sluice.

3. The bridge appears to have been built to carry the road over the channel and also to serve as a head sluice. This was when the channel took off from the Coleroon near the Marudaiyar. Owing to bad design and insufficient foundation the wings have cracked away and it has become necessary to rebuild the whole work according to the design accompanying. I may mention that some measures were proposed to improve the bridge retaining the old arch and abutments, but as the latter are far too slight to withstand the thrust of the arch when wings and bucking, &c., are removed, and considering the risky work of rebuilding part of the old work an entire reconstruction considered more suitable. The waterway provided is the same as in the old bridge.

4. As the road existed before the channel was dug, it is proposed to charge the work to Irrigation funds.

5. The estimate has been countersigned by the Collector and is recommended for sanction. The rates are fair.

ENCLOSURE.

REPORT to accompany the estimate for reconstructing a bridge of 22' span across the Ponnéri channel on road No. 20 in the limits of Sathumbadi village—Rs. 3,360.

This bridge plan was ordered to be prepared by the Superintending Engineer—*vide* his No. 932 T.C., dated 17th September 1895.

The wings have been curved to suit the exigencies of the situation and the curves of the road.

(Signed) P. R. ALLEN,
Ex. Engr., Trichinopoly Division.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following

From Supg Eng R. L. C. No. 1155 T.C. of 22.7.96

The following estimate is sanctioned.

Irrigation.

43. Minor Works and Navigation.
Minor Works for which neither Capital nor Revenue Accounts are kept, P.W.D.
Original Works.
Trichinopoly Division.
Reconstructing bridge on road No. 20 over Ponnéri channel.

Estimate RS. 3,360

2. This sanction is registered as No. 103 I. of 1896-97.
(True Extract.)Under Secretary to Government,
Irrigation Branch.To the Chief Engineer for Irrigation.
" Superintending Engineer, VI Circle, with six enclosures.
" Examiner, Public Works Accounts.

Erd. C. M. Brisson.

To the Chief Eng for I.
Supg Eng R. L. C. with 6 enclos.Anchd
2/8/96

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Estimate for
bridge on Road
over Ponnery C.
Trichinopoly

No. 1155 TC.

OFFICE OF THE SUPERINTENDING ENGINEER,

6th CIRCLE,

Trichinopoly, 22 July 1896.

From W. Hughes Esquire
The Superintendent Engineer,
6th Circle.

To
The Chief Engineer,
for irrigation
SIR,

4. ENCLOSURES.

1. Site Sketch
1. Plan of old bridge
1. do of new bridge
1. Estimate complete

I have the honor to submit for sanction an estimate amounting to Rs 3360, together with plans for constructing the bridge on Road No XX over Ponnery Channel in the Udayarpalayam Taluq, Trichinopoly District.

2. The site of the bridge is about $3\frac{1}{4}$ miles from the head of the Channel or about 1 mile below the Perundaiyar Under-tunnel present Ponnery Head Sluice.

3. The bridge appears to have been built to carry the Road over the Channel and also to serve as a head sluice. This was when the Channel took off from the Joleroon near the Perundaiyar. Owing to bad design and insufficient foundations the wings have cracked away and it has become necessary

to rebuild the whole work according to the design accompanying. I may mention that some measures were proposed to improve the bridge retaining the old arch and abutments, but as the latter are far too slight to withstand the thrust of the arch when wings and backing &c. are removed, and considering the risky work of rebuilding part of the old work an entire reconstruction considered more suitable. The waterway provided is the same as in the old bridge.

4 As the road existed before the channel was dug, it is proposed to charge the work to irrigation funds.

5- The estimate has been countersigned by the Collector and is recommended for sanction. The rates are fair.

I have the honor to be
Sir
Your most obedient.

W. Hughes
Superintendent
of works

P. W. D. 6th CIRCLE.

P. W. CURRENT No. 7396

FROM

THE SUPERINTENDING ENGINEER,
FOR IRRIGATION. 6TH CIRCLE.

TO

THE CHIEF ENGINEER.

for Irrigation

NO. 1155 T.

Dated.

22

Received.

1896.

Enclosure. 4

Bridge on Road No.
XX over Pannery ch
— Submitting for
Sanction an estimate
of Rs 3360 for reconstruc-
-ting the —

Encls 7 (3)

Recd: 15.8.

Encls = 6
3 = Masonry plans
1 = Original estimate
1 = Shading plan
1 = Estimate with
spec. 3

6

1979

Retent to accompany the Estimate for
Reconstructing a Bridge of 22' Span
across the Pannery channel on Road
No XX in the limits of Sathumadi
Village.

Revised 26.7.5

This bridge plan was revised the
prepared by the P. E. vide his number
932 T.C. dated 17.12.1896

The wings have been curved to suit the
Exigencies of the situation and the curves
of the road.

M. A. Allen

Secy. Secy.
Mechanical Dept

12/24/94
2356/94

W. H. C. C.
W. H. C. C.

W. H. C. C.

of the house.
evidence of its location and the corner
the survey has been made to show the
932 T. C. dated 17th. 1890.
reference by the 932. with his number
the house shown on various (see)

Vol. XX in the limit of the boundary
camp. The boundary
channel on the
a bridge of 22 spans
the information for

1. Section with
1. Section with
1. Section with
1. Section with
1. Section with

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