

8/11/90

- (1) பக்கங்களின் எண்ணிக்கை 12
(2) புதுக்கித் திருப்பிய நாள் January 90
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 10/90

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P. W. D. - துறை

அரசாணை எண்.	2892	ய	அச்சகம்
மு. கோப்புத் தாள் எண்.			பலவகை
நாள் :	3	11	1890

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

3RD NOVEMBER 1890, No. 2892 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepak, 8th October 1890, No. 3227.

I have the honor to submit, for early sanction, a revised estimate with comparative statement of Rs. 1,75,300 for constructing a masonry bridge of 16 arches of 60 feet span across the Ponnaiyar river in lieu of the original estimate of Rs. 1,66,100 as sanctioned in G.O., No. 3148 W., dated 21st November 1887.

2. The excess is partly due (1) to superior brickwork; (2) to superior floor and retaining wall to floor, &c., as designed by Mr. Norfor; and (3) to the necessity for building relieving arches over the spandrels so as to decrease the weight of the bridge as much as possible for the reasons already reported in my letter No. 1937, dated 23rd July 1890.

3. The signs of settlement in Nos. 1, 2, 3 piers at the south end of the bridge have not changed since July.

ORDER—dated 3rd November 1890, No. 2892 W., Public Works.

The revised estimate, amounting to Rs. 1,75,300, for constructing a masonry bridge across the Ponnaiyar river, is sanctioned in supersession of the estimate

* Registered as Provincial No. 136 W. of 1888-89—vide G.O., No. 514 W., dated 20th February 1889. of Rs. 1,66,100 sanctioned in G.O., No. 3148 W., dated 21st November 1887.

2. This sanction has been registered as Provincial No. 66 W. of 1890-91, and classified as Communications, Original Works.

(True Extract.)

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

To the Superintending Engineer, V Circle, with five enclosures.
" Examiner, Public Works Accounts.
" Local and Municipal Department.

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1890 Madras.
PUBLIC WORKS.

Dated November, 3rd.

Recd.

Encl.

G.O., 3rd Nov. 1890, No. 2892 W.

NOVEMBER.

Bridge

Revised estimate of Rs. 1,75,300 for
constructing a masonry — across the
Ponniar river, sanctioned.

SUPERINTENDING ENGINEER'S OFFICE,

V Circle, Madras,

Chennai, 8 October 1890.

No. 3227

From

Colonel W. H. Norton R.E.

SUPERINTENDING ENGINEER, V CIRCLE,

To

THE

Chief Engineer

D. W. Department.

SIR,

Enclosures. 1

Revised Estimate
1 Dabā
in statement
Plan (drawing)

I have the honor to submit for early
sanction a revised estimate with comparative
statement of Rs. 1,75,300 for constructing a masonry
bridge of 16 arches of 60' span across the Ponniar
River in lieu of the original estimate of Rs. 1,66,100
as sanctioned in G. O. No. 31148 dated 21st Nov.
1887.

The excess is partly due (1) to superior brick
work (2) to superior floor and retaining wall to
floor &c as designed by Mr. Dorfor and (3) to the
necessity for building retaining arches over the
spandrels so as to decrease the weight of the bridge
as much as possible for the reasons already
reported in my letter No. 1937 dated 23 July 1890.

The signs of settlement in Nos. 1-2-3
micro

piers at the south end of the Bridge have not
changed since July.

Please the honor to be

Yours

Your most obedient servant

W. A. Burtou Colonel
Superintending Engineer

2892 W

3

From

THE SUPERINTENDING ENGINEER,

V. CIRCLE

To

THE

Engineer

V. S. Department.

Dated

Recd.

8 } October 1890.

ENCLOSURES

45 (4 plans)

No. 3227.

Marany Bridge
across Ponnian River

Submitted for early sanction
a revised Estimate
with Comparative Statement
of Rs 1,75,300 for construction
being a -

Y. C. 10/10/90

Go 3148 W d/11.11.87. Origl.
2019 W d/13.7.90
2147 W d/13.8.90
314 W d/20.2.87

Public Works Department.

Current No. 9603

Letter No. 3227

Dated 8th October 1890

From the Supy. Engr. I. L. L.

Sancton 17.10.90

NOTE OF REMARKS.

The revised plan and
Estimate under review
amounting to Rs 1,75,300
for constructing a masonry
bridge across the Ponnian
River north of Eudalora
on the road to Pondicherry
is submitted for sanction
in suppression of the
Estimate for Rs 1,60,100
sanctioned in G.O.
No 3148 W d/21.11.87.

The Engr. in Rs 9,000
is stated to be partly
due to superior brickwork
to Superior floor and
retaining walls to floor,
and to the necessity
for building retaining
arches in the spans.

The semi-elliptical form
for the arches is being
designed, but has been
to a segmental curve
which allows the erection
of the arches, the horizontal

branches as suggested in
 the Chief Engineer's note
 embodied in E.O. 3484
 of 21st November 1887 may
 be dispensed with and
 standard arches shown
 as shown in the revised
 plan of the plan also
 shows that the depth
 of the well under the
 pier & abutments have
 been reduced to 19 ft
 from 30 ft, and that
 the retaining wall of
 the flooring is built
 on walls (rectangular)
 5 ft high, 5 ft broad
 and 5 ft deep over the
 is the retaining wall
 2 ft deep making
 an aggregate depth
 of 8 ft -

This estimate has
 been revised in
 previous note.

The revised plan
 estimate have
 not been submitted
 to the President of
 the Dist. Board, but
 to the Supt. in
 charge of the
 construction of the
 bridge. The
 money not been
 sanctioned.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the S. E. V Circle No 3227, dated 8th Oct 90

JH
 1/11/90

* registered as Provincial
 No 136 W of 1888-89 vide G.O.
 No 514 W dated 20th Feb 1889.

The revised
 estimate amounting
 to Rs 1,75,300, for
 constructing a masonry
 bridge across the
 Sonniar river, is
 sanctioned in paper
 session of the estimate
 of Rs 1,66,100 sanctioned
 in G.O. No 3148
 dated 21st Nov
 1887.

2. This sanction
 has been registered
 as Provincial No
 66 W of 1890-91 and
 classified as Commu-
 nications, Bridge Works.

S. E. V Circle
 with 5 enclos
 At P. W. Accts.
 Local & minor Dept.

JH
 20.10.90

2892 w
6

7.00
23.11.90

Due to the loss of
the paper
in the

2892

23.11.90

9813.

Govt. of Madras.

PUBLIC WORKS.

4/11/90

3rd Nov 90. No. 28924.

Bridge.

Revised Estimate
of Rs 1,75,300 for
Construction of a masonry
— across the Ponnai
River Sanctioned.

80

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Q. 900/11