

- (1) பக்கங்களின் எண்ணிக்கை 12
 (2) புதுக்கித் திருப்பிய நாள் 10/20
 (3) ஆதாரங்குறிப்பவர் கருக்கொப்பம் 1000

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

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அரசாணை எண். மு. கோப்புத் தாள் எண்.	845	அச்சகம் பலவகை
நாள் : 14-3-1892	198	

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

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14TH MARCH 1892, No. 845 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

From Lieut.-Colonel D. McNEIL CAMPBELL, R.E., Superintending Engineer,
V Circle, to the Chief Engineer, Public Works Department, dated Chepāk,
3rd March 1892, No. 114 W.

I have the honour to submit, for sanction, revised estimate of Rs. 12,278 for restoring the Shatīatope anicut bridge with rolled iron girders in South Arcot district.

2. The original estimate of Rs. 10,000 was sanctioned in G.O., No. 1433 W., dated 21st May 1890, and the excesses are chiefly—

(1) Rs. 1,770 under brickwork in chunam is owing to a bad crack in the arched passage through north abutment, the abutment was considered unsafe and a great deal more of the old masonry had to be dismantled and rebuilt.

(2) Rs. 301 under brickwork in cement in building tops of piers and abutment found necessary.

(3) Rs. 312 under conveyance charge as the lump sum provision of Rs. 300 was found quite insufficient.

(4) Rs. 542 under fitting and fixing iron works.

(5) Rs. 516 under wheel guards.

(6) Rs. 612 under centrings.

The last three items were found necessary as no provision was made for them in the original estimate.

3. The savings are chiefly Rs. 1,486 under brickwork in surki cement and Rs. 310 under oxide of iron paint found not necessary.

4. The revised estimate has been sanctioned by the District Board in their Proceedings, dated 23rd January 1892.

5. The work has been completed and the bridge opened for traffic.

ORDER—dated 14th March 1892, No. 845 W., Public Works.

The revised estimate, amounting to Rs. 12,278, for the restoration of the five northern bays of the bridge over the Shatīatope anicut in the South Arcot district, is sanctioned in supersession of the estimate of Rs. 10,000 sanctioned in G.O., No. 1433 W., dated 21st May 1890.

2. This sanction has been registered as Local No. 35 W. of 1891-92.

3. The work having already been completed, the submission of a revised estimate was unnecessary under para. 955 of the Public Works Code.

(True Extract.)

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

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

Exd. A. D. Xavier.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.
Govt. of {1892} Madras.
PUBLIC WORKS.

Dated March, 14th.

Recd.

Encl.

G.O., 14th Mar. 1892, No. 845 W.

MARCH.

Shatiatope Anicut

Estimate of Rs. 12,278 for the restoration of the five northern bays of the bridge over the — in the South Arcot district, sanctioned with remarks.

SUPERINTENDING ENGINEER'S OFFICE,

V Circle, Madras,

Chepāk, 3^d March 1892.

No.

114 W

From

Lunt Coll D McNeil Campbell Rk

SUPERINTENDING ENGINEER, V CIRCLE,

To

THE Chief Engineer
P.W. Department.

SIR,

Enclosures.

1 Revised
Estimate

I have the honor to submit for sanction revised estimate of Rs 12,278 for Restoring the Shatiatope Anicut Bridge with rolled iron girders in South Arcot District.

2 The original estimate of Rs 10,000 was sanctioned in G.O. No. 14,33.W dated 21st May 1890 and the excesses are chiefly

1. Rs. 1770 under Brickwork in Chunnam is owing to a bad crack in the arched passage through north abutment, the abutment was considered unsafe and a great deal more of the old masonry had to be dismantled and rebuilt.

2. Rs 301 under Brickwork in Cement in building tops of piers and abutment found necessary.

3. Rs 312 under Conveyance charge as the lump sum provision of Rs 300 was found quite insufficient

insufficient.

4. Rs 542 under fitting and fixing iron works

5. Rs 516 under wheel guards

6. Rs 612 under centerings.

The last 3 items were found necessary as no provision was made for them in the original estimate.

3. The savings are chiefly Rs 1486 under Brick work in turki cement and Rs 310 under oxide of iron paint found not necessary.

4. The revised estimate has been sanctioned by the District Board in their Proceedings dated 23rd January 1892.

5. The work has been completed and the bridge opened for traffic.

I have the honor to be

Yours

Your most obedient servant

J. W. Russell Esq. District Collector
Superintending Engineer V. C. 16

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From
The Supy Engineer
Fifth Circle

To
The Chief Engineer
P. W. Dept.

Dated 3rd March 1892
Recd 5

Encls 1

No. 114 W
Shastikope Arment
Bridge

Submits for Sanction
revised Estimate of
Rs. 12278 for reconstruc-
tion of the — with rolled
iron girders in South
Arment District.

No. 1379C of 14-3-90
" 934W - 22-3-90
" 1433W - 21-5-90.
" 7709 - 21-12-88
" 5476C - 23-11-89
" 3555W - 12-12-89
" 3740C - 13-9-90
" 5338C - 19-12-90
" 396C - 22-1-91.

Public Works Department.

Current No. 2407
Letter No. 114 W
Dated 3rd March 1892
From the Supy Engineer, V Circle.

Sanction
over
8.12.90
TECHNICAL NOTE.

The Supy Engineer, V Circle, sub-
mits for the sanction of Govt. a re-
vised estimate amounting to Rs.
12278 for reconstructing Shastikope
Arment bridge in the South Arment
District.

The original estimate for the
work amounting to Rs. 10,000 was
sanctioned in G.O. No. 1433 W dated
21st May 1890. The excess of Rs.
2278 or 22.78% over the original
sanction is chiefly due to the
following items:-

(a) Brick in chumam — Rs.	1770
(b) — do — cement — ..	301
(c) Conveyance charges — ..	312
(d) Erecting girder bridge — ..	542
(e) Wheel guards — ..	516
(f) Centring — ..	612
(h) Minor items — ..	209
Grand Total Rs.	4262
deduct savings —	1984
Net Total Rs.	2278

Self. Dept.

K/S

Items a to e are due to a bad crack in the north abutment which had to be dismantled and rebuilt, this necessitated additional brickwork also to the tops of piers and abutment being built in Portland cement instead of chunam.

c - original provision was found quite insufficient to cover transit charges

d & e - omitted in original estimate, found actually necessary in carrying the work.

f - loss by the sale of wooden centripies, as the original intention was to restore the arches damaged - no provision for this is made in the original sanctioned estimate & it is not known why the centripies were purchased without a sanctioned estimate.

The rate for brick in chunam, viz Rs 28.10.0 is high, the schedule rate being only 17 1/2 to 20 Rs but as the work was executed departmentally, the rate may be accepted.

The work is stated to be completed and the bridge opened for traffic. The comparative statement has not been considered by the President's Dist. Board but the Super. Engr. in para 4 of his letter states

It was originally intended to build No 5. having 11 bays by reconstructing arches, a work which was abandoned on account of the foundation being unsound & doubtful - subsequently the restoration was effected with steel girders - the centripies were purchased for this work - the purchase have been included in the present estimate.

It is stated that the estimate has been sanctioned by the Dist. Board in the proceedings dated 23 Jan 92.

8.11.92

No. 845 May 14 March 1892

PUBLIC WORKS DEPARTMENT.

1377
civil works

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the Super. Engr. II Circle No 114 W of 3rd March 1892

The revised estimate, amounting to Rs 12,278, for the restoration of the 5 northern bays of the bridge over the Shattatope anicut in the South Arcot District,

is sanctioned in supersession of the estimate of Rs 10,000 sanctioned in G.O. No 1433 W dated 21st May 1890.

2. This sanction has been registered as Local No 35 W of 1891-92.

3. The work having already been completed, the submission of a revised estimate was unnecessary under paragraph 55 of the P.W. Code.

To
The S.E. II Circle / 11/17
with 1 enclosure.

" Mr. P.A. Acland
" L. & M. Dept.

11/17
11.3.92

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C No. 2407

Govt. of Madras.
PUBLIC WORKS.

19/3/92

Dated

Recd.

G.O. 14th March 1902 No. 8451

Shariatpur Anicut

Estimate of Rs 12,27 8 for
the restoration of the fine
northern bay of the bridge
over the — in the
South Arcot Dt. sanctioned
with remarks.

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8/15/3.

2 C. 14/3