

- (1) பக்கங்களின் எண்ணிக்கை 12
 (2) புதுக்கித் திருப்பிய நாள் 7.90
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 100

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பெரும்புதல் குறை

அரசாணை எண். 1820W அச்சகம்
 மு. கோப்புத் தாள் எண். பலவகை

நாள் : 12 - 7 - 1893 198.

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

10.10.1983

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From G. F. T. POWER, Esq., President, District Board, South Canara, to the
Superintending Engineer, IV Circle, Coimbatore, dated Mangalore, 13th
June 1893, No. 849.

I have the honour to forward herewith, for scrutiny and submission to Government, a revised estimate, amounting to Rs. 5,750, for the construction of a rolled iron girder bridge over the Mullahulla stream on road No. 2 and a copy of the District Board's resolution sanctioning the revised estimate. The original estimate, amounting to Rs. 5,100, was sanctioned in G.O., dated 5th September 1891, No. 2377 W. The Local Fund Engineer says that when the original estimate was prepared it was anticipated that good stone could be obtained close to the site of the bridge, but that it was afterwards found that the rock near site was unsuitable and that good stone could be procured only at a distance of $1\frac{1}{2}$ mile, the result, of course, being that expenditure on cartage was greater than was originally estimated. This circumstance, as also the omission of certain work, such as the opening of a temporary roadway, &c., which was not provided for in the original estimate, rendered revision necessary. The variations between the original and the revised estimate are more fully explained in the accompanying comparative statement. The original abstract and detailed estimates are also enclosed for reference and return.

2. In anticipation of sanction to the revised estimate, the work was proceeded with and completed before the close of the last official year and only a small sum of Rs. 292 remains to be disbursed during the current year.

No. 251/E.W.

Copy submitted to the Chief Engineer, Public Works Department, with a request that he will be good enough to obtain sanction of Government to the revised estimate.

91st June 1893.

(Signed) A. W. SMART, Major, R.E.,
Superintending Engineer, IV Circle.

ORDER—dated 12th July 1893, No. 1820 W., Public Works.

The revised estimate, amounting to Rs. 5,750, for constructing a rolled iron girder bridge over the Mullahulla stream in the 62nd mile of road No. 2 in the Uppinangadi taluk of the South Canara district is sanctioned in supersession of the estimate of Rs. 5,100 sanctioned in G.O., No. 2377 W., dated 5th September 1891.

2. This sanction has been registered as Local No. 17 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 six enclosures.

Editors' Table.

Exd. S. J. Pereira.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1893} Madras.
PUBLIC WORKS.

Dated July, 12th.

Recd.

Encl.

G.O., 12th July 1893, No. 1820 W.

JULY.

Bridge

Revised estimate of Rs. 5,750 for constructing a rolled iron girder — over the Mullakulla stream in the 62nd mile of road No. 2 in Uppinangudi taluk of the South Canara district, sanctioned.

Extract from the Proceedings of the District Board of South Canara, dated 15th May 1893.

Present:-

G. F. J. Bruce Esquire, President.

M.Rdy. P. F. Fernandez Esq. Bahadur, Secretary
Deputy Collector, South Canara, The President.

R. A. Graham Esquire, Assistant
Collector of South Canara.

M.Rdy. K. Rama Rao Esq. Bahadur, General
Duty Deputy Collector, South Canara.

M.Rdy. R. Rama Rao Esq., Acting Tahsildar
of Uppinangudi.

M.Rdy. H. A. Thesara Rao Esq., Sub-Assistant
Inspector of Schools, Udipi Range.

H. Altmüller Esquire.

Kaji Karoon Shet Bahadur.

M.Rdy. Mr. Shiva Rao Esq.

" T. Raghunathaya "

" H. D. Venkat Rao. "

" S. Venkat Rao "

" H. P. Achutaya "

" K. Sheshagiri Pai "

" M. Kalappa Shetty "

" T. Kantappa "

" Jacki Alva "

10. Read letter, dated 9th May 1893, No. 27,
from the Local Fund Engineer, South Canara, sub-
mitting explanation with reference to District

District Road's Resolution, dated 27th March
1893, regarding the revised estimate for
constructing the Mulahalla bridge.

The revised estimate amounting to
Rs. 5750 is sanctioned.

1893

1893

1893

(True extract)

R. G. G.
President,
District Road,
South Canara.

Pls
5707/93

Public Works Department.

Current No. 5107

Letter No. 251/1893

Dated 27th June 1893

From the Super Engineer, W. Canara.

TECHNICAL NOTE.

Name of work Revised estimate for con-
structing a roller iron girder bridge
over the Mulahalla stream in
the South Canara District.

Amount of estimate Rs. 5750

The Super Engineer, W. Canara sub-
mits for the sanction of Govt. a
revised estimate amounting to
Rs. 5750 for constructing a roller
iron girder bridge over the Mulah-
alla stream in the 62nd mile of
road W. 2, South Canara District
in view of the original estimate
sanctioned amounting to Rs. 5100
sanctioned in Govt. W. 2377 W
dated 5th Sept 1891.

The excess of Rs. 650 or 12.7%
over the original sanction is due
to the following items:-

(a) Excavation of foundations	Rs. 95
(b) Piling	82
(c) Wadded stone	204
(d) Chiselled stone	136
(e) Cement pointing	57
(f) Temporary road	192
(g) Blasting rock	209
	975

B. forward 3 376
 (a) temporary shed & sundries — 92
 (b) fuel & petty expenses 68
 (c) other petty items — 23
W. S. 1,146
 Defunct savings — 496
W. S. 650

When the Board came to the removal
 of the building which necessitated
 this labor etc.
 (a) The stone was conveyed for
 a longer distance than originally
 anticipated.
 (b) due to curved figures.
 (c) (d) (e) (f) (g) (h) are due to
 omissions in original estimate
 found absolutely necessary
 during execution.
 The saving of Rs. 496 is chiefly
 due to the reduction in material
 and to the saving of money and to
 the carriage of materials to site.
 The estimate has been amended,
 signed by the President Dist. Board
 & sanctioned in Dist. Board's Res.
 No. 15, dated 15.11.1893.

The
 28.11.93

No 849. South Canara District Board office,
 Mangalore, 13th June 1893.

From,
 G. F. J. Power, Esq.,
 President, District Board,
 South Canara,
 To,
 The Superintending Engineer,
 Fourth Circle,
 Bangalore.

Sir,
 I have the honor to forward herewith
 for scrutiny and submission to Government,
 a revised estimate amounting to Rs. 5,750
 for the construction of a rolled iron girder
 bridge over the Muluhalha stream on Road
 No 2 and a copy of the District Board's
 Resolution sanctioning the revised estimate.
 The original estimate amounting to Rs. 5,100
 was sanctioned in G.O., dated 5th September
 1891; No 2377W. The Local Fund Engineer
 says that when the original estimate was
 prepared it was anticipated that good
 stone could be obtained close to the
 site of the bridge, but that it was
 afterwards

afterwards found that the rock near site was unsuitable and that good stone could be procured only at a distance of $\frac{1}{2}$ mile; the result of course being that expenditure on cartage was greater than was originally estimated. This circumstance as also the omission of certain work such as the opening of a temporary road way ~~on~~ which was not provided for in the original Estimate rendered revision necessary. The variations between ~~the~~ original and the revised Estimate are more fully explained in the accompanying comparative statement. The original abstract and detailed Estimates are also enclosed for reference and return.

2. In anticipation of sanction to the revised Estimate, the work was proceeded with and completed before the close of the last official year and only a small sum of Rs 292 remains to be disbursed during the current year.

I have ~~and~~
(Sol) ~~in district~~
For President.

Cpy

No. 257

Est.

Encls. 6.

Copy. Submitted to the Chief Engineer P.W. Department, with a request that he will be good enough to obtain sanction of Government to the revised Estimate.

28/8/93

Am. L. M. S. Major R. K.

Supg. Engineer, 4th Grade.
21st of June 1993

1795 80 11
27/6/93

No 2377 W of 5-9-91

The Superintending
Fourth Circle

Dated 21st June 93
Decs. 26. 6. 93

No. 251
W

Encls. 6

Rollled Iron girders
Bridge over Mullahalla
Stream, South Canara
District.

Forwarding a
revised estimate of
Rs. 650 for constructing
a —

018 123
2147

No 1820 W of 12 July 1893. B.H. civil works

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the S.E. IV Circle No. 251 W of 21 June 1893

3 P

The revised estimate,
amounting to Rs. 5750,
for constructing a rolled
iron girder bridge over
the Mullahalla stream
in the 62nd mile of
Road No. 2 in the
Uppinanga di Taluk of
the South Canara Dt.
is sanctioned in sup-
session of the estimate
of Rs. 5700 sanctioned
in G.O. No. 2377 W of
5th September 1891.

1. The S.E. IV Circle
.. Local and Muz. Dept
with 6 encls.
.. Editor's Table

2. This sanction has
been registered as
local No. 17 W of 1893-94

West

Revised estimate for
the Mulla Kalla
S. Canada 88

To
The Hon. the Chief Secretary
Local and Milit. Dept.
for Punjab, Lahore

25/12/6
Rt. 17
Kut 7-7

1820
17

C No 5707

Govt. of (1893) Madras.
PUBLIC WORKS.

10/1

12 July 1893 No. 18300

Bridge 32

Revised estimate of
Rs. 5750 for constructing
a rolled iron girder—
over the Mullaikutta
stream in the 62nd mile
of road No. 2 in Uppin
gadda taluk of the
S. Canara district,
sanctioned.

90/4

J.C. 13/VI
10/1