

- (1) பக்கங்களின் எண்ணிக்கை 16
 (2) புதுக்கித் திருப்பிய நாள் 3/40
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் leja

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D துறை

112

அரசாணை எண். 430 அச்சகம்
 மு. கோப்புத் தாள் எண். பலவகை

நாள் : 16-2-1891 198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

8 Sheets

ஆவண. கா-1-18,006-15-6-87.

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430
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From Lieut.-Colonel R. R. E. DRAKE-BROCKMAN, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 4th February 1891, No. 56 E.W.

I have the honor to forward, for sanction, a revised estimate, amounting to Rs. 9,500, accompanied by a report and comparative statement, for renewing the fallen abutment of the Bachappa bridge on the 52nd mile of trunk road No. 5 from Mangalore to the Mysore frontier, *via* the Agoomby ghât, in the South Canara district.

2. The original estimate, amounting to Rs. 7,500, for replacing the wooden superstructure over the existing masonry abutments and piers of the bridge by an iron one was sanctioned in G.O., No. 1007 W. of 31st March 1890. In this estimate provision was also made for resetting in mortar the existing loose stone revetment in support of the old western abutment. On removing the loose stone, the western abutment has given way; hence the necessity for the revised estimate. It is proposed to rebuild the same and to increase the height of the masonry revetment around the eastern abutment in order to secure its stability.

3. The President, District Board, states that the revised estimate has met with the approval of the Board and the current year's budget provides funds for the work, and, moreover, the iron superstructure, &c., has already arrived. In these circumstances early sanction of Government to the revised estimate is solicited in view to utilize the current year's grant before March next.

Note by the Chief Engineer, Public Works Department.

The rate allowed for concrete in the foundations requires explanation, being more than double that entered in the latest schedule of rates for the South Canara sub-division of the West Coast division. The revised rate of Rs. 20 per 100 cubic feet for rubble in mortar is considered very high, the original estimate allowed Rs. 15, and the West Coast schedule provides Rs. 16 for similar work.

(Signed) J. PENNYCUICK, Colonel, R.E.,
10th February 1891. Chief Engineer, P.W.D.

ORDER—dated 16th February 1891, No. 430 W., Public Works.

The revised estimate, amounting to Rs. 9,500, for reconstructing the fallen abutment of the Bachappa bridge, South Canara district, is sanctioned in supersession of the estimate of Rs. 7,500, sanctioned in G.O., No. 1007 W., dated 31st March 1890.

2. Attention is drawn to the note by the Chief Engineer, Public Works Department, above recorded.

3. This sanction has been registered as Local No. 35 W. of 1890-91.

(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.

Exd. A. D. Xavier.
Spare Copies

430
2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.
PUBLIC WORKS.

Dated February, 16th.

Recd.

Encl.

G.O., 16th Feb. 1891, No. 430 W.

FEBRUARY.

Bachappa Bridge, South Canara
District

Revised estimate of Rs. 9,500 for reconstructing the fallen abutment of the —, sanctioned.

No. 56
E.W.

Supg. Engineer's Office, IV Circle,
Coimbatore 4th February 1891.

From

Lt Col. R. A. C. Drake Brockman Esq.,
Superintending Engineer,
Fourth Circle.

To

The Chief Engineer,
P. W. Department.

Sir,

Enclosures 5.

- 1 Plan
- 1 Revised estimate
with abstract
- 1 Comparative statement
- 1 Report
- 1 Specification

5

I have the honor to forward
for sanction a revised estimate amounting
to Rs. 9,500, accompanied by a report and
Comparative Statement for renewing the
fallen abutment of the Bachappa bridge
on the 52nd mile of Trunk Road No. 5 from
Mangalore to the Moyore frontier via the
Agumby Ghaut in the South Canara District.

2. The original estimate amounting
to Rs. 7,500 for replacing the wooden super-
structure over the existing masonry abut-
ments and piers of the bridge by an iron
one was sanctioned in G.O. No. 1007 W of
31st March 1890. In this estimate provision
was

was ^{also} made for resetting in mortar the existing loose stone revetment in support of the old western abutment. On removing the loose stone, the Western abutment has given way, hence the necessity for the revised estimate. It is proposed to rebuild the same and to increase the height of the masonry revetment around the eastern abutment in order to secure its stability.

3. The President District Board states that the revised estimate has met with the approval of the Board and the current year's budget provides funds for the work, and moreover the iron superstructure ~~has~~ has already arrived. In these circumstances early sanction of Government to the revised estimate is solicited in view to utilize the current year's grant before March next.

I have the honor to be,

Sir,
Your most obed^t serv^t,

Ruedrak. Bonclaman

Superintending Engineer H^o Circle

430
4

To Mr. C. 13/61
From
The Sup. Eng^r
4. Care

17.5.89 - 1580 W
21.3.90 - 1007 W

Dated 4 Feb 1891
Resd 5

Ap 56
EW

Encls 6

Renewing the fallen abut-
ment of the Bachappa bridge
Forwarding for some-
thing a revised estimate
amounting to Rs 9500/-
for -

2P
P.W.D. 430

Note by the Chief Eng^r P.W.D

the rate
allowed for concrete
in the foundations
requires explanation,
being more than double
that entered in the
latest schedule of
rates for the South
Canara sub-division
of the West Coast
division. The revised
rate of Rs 20 per
100 cubic feet for
rubble in mortar
is considered very
high, the original
estimate allowed
Rs 15, and the West-
Coast schedule pro-
vides Rs 16 for
similar work.

W. B.
10.2.91 S
EW

Public Works Department.

Current No. 1316

Letter No. 56

Dated 4th February 1911

From the S. E. IV Circle

~~Sanction~~
Sanction
NOTE OF REMARKS. 9. 2. 11

The accompanying revised estimate amounting to Rs 9,500 for renewing the fallen abutment of the Bachappa bridge on the 52nd mile of Trunk Road No 5 from Mangalore to the Mysore frontier via the Agonyy ghant is submitted in lieu of the original estimate for Rs 7,500 sanctioned in G.O. No 1007 Wd of 31st March 1890.

It is stated that provision was made in the original estimate for resetting in mortar the existing loose stone revetment in support of the old western abutment.

on removing the loose stone the western abutment gave way, hence the necessity for the revised estimate. It is proposed to rebuild the abutment with rubble stone and to increase the height of the ^{masonry} ~~abutment~~ around the eastern abutment in order to secure its stability.

Specification, report and comparative statement are submitted.

The following rates are in excess of those given in the Schedule of rates for the ^{South Canara} West Coast Division for the year 1888.

The Schedule of rates for the current year has not yet been received.

Concrete work in foundation. ~~Rs~~ 35 per 100 cft against ~~Rs~~ 13½ per 100 cft of concrete with broken stone in weak cement.

Rubble stone in mortar ~~Rs~~ 20 per 100 cft against ~~Rs~~ 16.

The other rates are fair.

The

Note by E.W.

The rate allowed for concrete in the foundations appears exorbitant, being more than double that entered in the latest

^{sub-division of the} schedule of rates for the ^{South Canara} West Coast division.

The revised rate of ~~Rs~~ 20 per 100 cub ft for Rubble in mortar is considered very high, the original estimate allowed 15 ~~Rs~~ & the West Coast schedule provides 16 ~~Rs~~ for similar work.

The plan & estimate have been countersigned by the President District Board but not by the S.E. II Circle.

It is stated in para 3 of the S.E. II letter No 56 ^{S.E. II} of 14th February/91 that the revised estimate has met with the approval of the Board.

[Signature]
7.2.91.

Buildings & Roads
Civil Works

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the S.E. II Circle No 56 E.W. d 14th Feb by 1891
Note by the Chief Engr. P.W.D. d 10. ii. 91

30

The revised estimate amounting to Rs 9,500 for re-constructing the fallen abutment of the Bachappa bridge, South Canara Dist., is sanctioned in Super-session of the estimate of Rs 7,500 sanctioned in G.O. No 1007 W. d 31st March 1890.

2. Attention is drawn to the note by the Chief Engr. P.W.D. above recorded.

3. This sanction has been registered

as

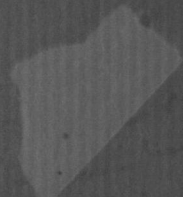
at Locality 35 W
of 1890-91.

Wm
10.2.91

Wm
10.2



To the Hon. Sec. of the
Dept. of the Interior
Washington D.C.



25/2
S. E. IV Cape
Localities south
with 6 miles.

Ch
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430/6

13/16.

Govt. of Madras.

PUBLIC WORKS.

17/2/91

(8)

GO. No. 16. 21. 91. No. 4304.

Paichappa Bridge
South Canara Dist.

(8)

Revised estimate
of Rs 9500 for reconst.
the fallen abutment
of the — sanctioned.

~~50~~
60
3

29/10/91 2/16/2