(1) பக்கங்களின் எண்ணிக்கை 16

(2) புதுக்கித் திருப்பிய நாள் அலுவல்

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுப்பணித் துறை

அரசாணை எண். 1007/W
மு. கோப்புத் தாள் எண்.

அச்சகம்
பலவகை

நாள் : 31-3-1890 198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண. எ-1—18,000—15-6-87.

1/1007

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper :—

From S. H. WYNNE, Esq., President, District Board, South Canara, to the Superintending Engineer, IV Circle, dated Mangalore, 6th March 1890, No. 309.

I have the honor to forward herewith, for scrutiny and submission to Government, an estimate, with plan, specification and report, for providing an iron superstructure over the existing masonry abutments and piers of the Kelkul and Bachappa bridges (at a cost of Rs. 7,500 each) on trunk road No. 5, from Mangalore to the Mysore frontier *viâ* the Agoomby ghât. The estimate has been duly sanctioned by the District Board.

2. As stated by the Local Fund Engineer in his report accompanying the estimate, the bridges mentioned above were constructed in 1868-69 with the usual wooden superstructure then in vogue. These gave way shortly after their construction. They were repaired at a large outlay, but were again out of order, and the bridges had to be closed for traffic. It is now proposed to replace them by iron superstructures of the kind sanctioned in G.O., 17th June 1889, No. 1580 W., for the Mundaje bridge. Arrangements have also been made for strengthening the piers and abutments of the bridges.

3. The ensuing year's budget, now before Government, provides Rs. 14,000 for the two superstructures, and the additional funds will be forthcoming should these estimates be sanctioned, and I have the honor to request you will be good enough to submit them for the early sanction of Government, so that the works may be undertaken and finished before the end of March 1891.

No. 109 E.W.

Submitted to the Chief Engineer, Public Works Department, for favor of obtaining the sanction of Government to the estimate.

The design of the iron structure is of the kind sanctioned in G.O., No. 1580 W. of 17th June 1889, and the estimate has been correctly prepared.

Coimbatore,
17th March 1890.

(Signed) D. McNEIL CAMPBELL, Major, R.E.,
Superintending Engineer, IV Circle.

Order—dated 31st March 1890, No. 1007 W., Public Works.

The estimates, aggregating Rs. 15,000, for providing iron superstructures over the existing masonry abutments and piers of the Kelkul and Bachappa bridges in the South Canara district, are sanctioned.

2. This sanction has been registered as Local No. 44 W. of 1889-90.

(True Extract.)

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

To the Superintending Engineer, IV Circle.
" Local and Municipal Department, with six enclosures.

Exd. T. K. Narayana Aiyangar
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated March, 31st.

Read. *Encl.*

G.O., 31st Mar. 1890, No. 1007 W.

MARCH.

Kelkul and Bachappa Bridges, South Canara District

Estimate, aggregating Rs. 15,000, for providing iron superstructures over existing masonry abutments and piers of the —, sanctioned.

3/1007

Public Works Departm

Current No. 2787

Letter No. 109 Ent.

Dated 17th March 1890

From the Supg. Engr. IV Circle

To Secretariat

20/3/90

NOTE OF REMARKS.

The plans & Estimate accompanying Rs 15,000 provide for iron superstructures to the existing abutments of the Kelkul and Bachappah bridges in the South Canara District —

It is stated in the report accompanying Engr Lett: that the proposed superstructures is similar to that sanctioned for the Shiroodgi bridges in Lr Engr Lr 1580 dt 17th June 1889 —

The bridges have 3 spans each of 30' The piers & abutments are to be strengthened & protected by fenders of rubble masonry and will be carried up in the case of the abutments 9' above the upper surface of the

work must in the case of the piers 5' above offset or 6' above floor level, above these points the faces of the piers & abutments are to be properly chased the joints racked out 2" deep & pointed with Portland cement.

It is further explained that the waterway originally allowed was never found sufficient & on future new piers to lay the same level as the old ones. The ends of the piers & abutments will be prepared with granite hard stone & recess for arches.

The fenders or buttresses appear where the foundations are under they rest on rock this appears to be necessary.

The rates are fair as far as can be checked.

The plans & est: have been countersigned by the President of the Dist: Board but having none such been signed by the Superintendent although he has stated that

Cuttack 19.3.90

Probability of foundation meeting will vary with the nature of the bed of the river. Work of removing to be only remark about this

Mangalore, 5th March 1890.

No. 309

4/1007

From,

S. H. Wynne Esquire,
President, District Board.
South Canara.

To,

The Superintending Engineer,
South Circle,
Coimbatore.

Sir,

I have the honor to forward herewith, for scrutiny and submission to Government, an estimate with plan, specification and report for providing an iron superstructure over the existing masonry abutments and piers of the Kelkul and Bachappa bridges (at a cost of Rs 7500 each) on the trunk road No 6, from Mangalore to the Mysore frontier via the Agjomby Ghaut. The estimate has been sanctioned by the District Board.

2. As stated by the Local Fund Engineer in his report accompanying the estimate, the bridges mentioned above were constructed in 1868-69 with the usual wooden superstructure then in vogue. These gave way shortly after their construction. They were repaired at a large outlay but and

were again out of order and the bridges had to be closed for traffic. It is now proposed to replace them by iron superstructures of the kind sanctioned in G.O. 17th June 1889, No 1580 W, for the Mundaje bridge. Arrangements have also been made for strengthening the piers and abutments of the bridges.

3. The ensuing year's budget, now before Government, provides Rs 14,000 for the iron superstructures and the additional funds will be forthcoming if should these estimates be sanctioned and I have the honor to request you will be good enough to submit them for the early sanction of Government so that the works may be undertaken and finished before the end of March 1891.

I have the honor to be,
Sir,
Your most obedt servant,

President.

Copy

No 109 / E.W. & 5/1007

Copy submitted to the Chief Engineer P.W.D for favor of obtaining the sanction of Government to the estimate

The design of the iron structure is of the Kind sanctioned in G.O. No 1580 of 17th June 1889 and the estimate has been correctly prepared.

Enclosures.
1 Plan of Bridge
1 plan showing the details for strengthening the piers and abutments
1 Estimate
1 Report
1 Specification

Colombo 17th March 1890.

Supt: Engineer 4th Circle

From,

The President
District Board
South Canara

To

The Superintending Engineer
Fourth Circle
Combatore

Dated 6th
Desp. March 1890
Rec'd

No 309
Enclosures - 6.

12 MAR 90

Kelkul and Bachappa Bridges - Forwarding for recording and submission to Government, an estimate with plan, specification and report for providing an iron superstructure over the existing masonry abutments and piers of the ——— on Trunk Road 38-5 from Mangalore to the Mysore frontier via the Ayoorbey Ghaut.

b/1007

P. W. C No. 2787.

From

The Supg. Engr.
4th Circle

No. 1580 W 4/17-6-89
-1846 C - 10-4-89
-28535 - 24-10-87

Dated 17th } March 1890
Recd 17th }
Rd. 18-3-90.

No. 109
E W

Encls. 5 6/2 plans

Kelkul and Bachappa
Bridges

Submitting letter in original from the President Dt. Board South Canara forwarding for sanction of Government an estimate amounting to Rs. 15000 for providing an iron superstructure over the abutments of the — Cond 18-3-90

No. 1007 W 4/31st March

PUBLIC WORKS DEPARTMENT.

1007

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

From the Supt Engr IV Circle
No. 109 E W dated 17th March 1890.

The estimates aggregating Rs 15,000 for providing iron superstructures over the existing masonry abutments and piers of the Kelkul and Bachappa bridges in the South Canara District are sanctioned.

2. This sanction has been registered as Local W No 446 of 1889-90.

(SECRETARIAT 26 MAR 90 GOVERNMENT OF MADRAS)

To
The Supt Engineer
IV Circle

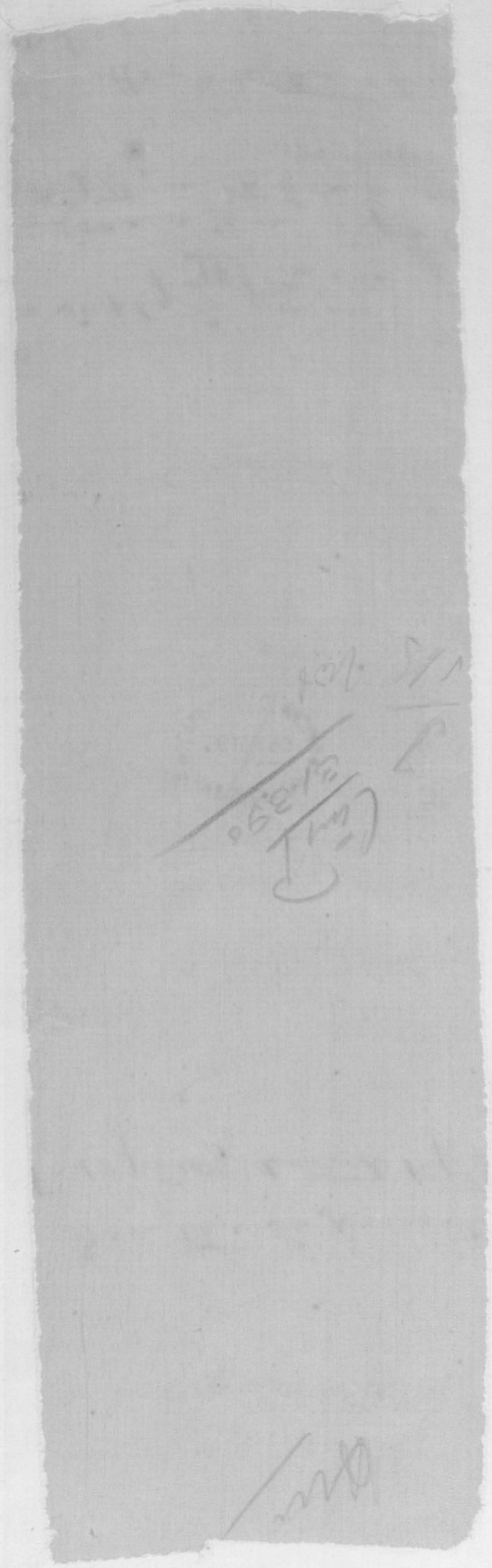
a Local & municipal Displ, with 6 encls.

JG 26/3

To (The Hon'ble the Chief Secy for favour of counter-initials)

24. 3. 90

Approved 25/3



2787.

Govt. of 18 Madras.

PUBLIC WORKS.

Dated

Read. Knd.

G.O. 31st March 1890 No. 1007.

Kalkul & Backappa bridge - South Canara District

Schmidt's aggregating Co. Rs. 15 Rs. for providing iron superstructures for bridge masonry abutments & piers 19 Rs. — Land

90
4

Copied 1/4/90