

(1) Number of pages 20
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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W. DEPARTMENT

G.O. No.	2158 W.	Press.
B.P. No.		Mis.
Dated	7. 8. 1883	198.

Not to be folded or roughly handled

2158
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

Proceedings of the Board of Revenue, dated 17th July 1883, Mis. No. 6046.

Read—endorsement from the President, Local Fund Board, Ganjam District, dated 21st June 1883, No. 697.

Resolution—dated 17th July 1883, Mis. No. 6046.

The plan and estimate, amounting to Rs. 15,000, for rebuilding the damaged arches of the Chicacole bridge, are submitted for the approval of Government.

2. The work appears as Item No. 5 in Part I of the current year's budget with an allotment of Rs. 15,000.

(A true Extract.)

(Signed) H. M. WINTERBOTHAM,
Acting Sub-Secretary.

To the Secretary to Government, Public Works Department.

Memorandum by the Chief Engineer, Public Works Department.

The plans and estimate for the restoration of the Chicacole bridge prepared by the Superintending Engineer, First Circle, are submitted for the sanction of Government.

2. In his original notes on the work, the Superintending Engineer, First Circle, commented on the necessity of removing jutting rocks which impeded the waterway of some of the arches, besides causing the stream to impinge in an oblique and dangerous direction against one of the piers, but in the estimate no provision appears to have been made for this essential item. Further, the Superintending Engineer brought to notice the necessity for thoroughly eradicating the roots of banian and peepul trees growing out of the old masonry. So bad are these roots that the serious dislocation of the masonry is merely a matter of time; yet for this important work also there is apparently no provision. It is hardly possible that it is intended to carry out these particular items from the item "Contingencies," and if not, they should certainly be provided for. To eradicate roots of fig trees is believed to be impossible without thorough demolition, as the smallest scrap of root preserves sufficient vitality to start afresh. The Local Fund Engineer should endeavour to remove the roots thoroughly, and maintain a careful watch afterwards.

3. Some of the rates appear to the Chief Engineer to be very low for such work, but they have doubtless been fixed by the Superintending Engineer from a knowledge of the locality. As the work is to be carried out by the Local Fund Establishment, it would have been well if the Superintending Engineer had called for a design in detail for the centerings. Such design when prepared should be approved by the Superintending Engineer.

CHEPAUK,
7th August 1883.

(Signed) R. H. SANKEY, Major-General, R.E.,
Chief Engineer, P.W.D.

ORDER—dated 7th August 1883, No. 2158 W., Public Works.

The estimate, amounting to Rs. 15,000, for the restoration of the Chicacole bridge, in the Ganjam District, is sanctioned.

2. The attention of the Local Fund Board should be called to the Chief Engineer's remarks above recorded.

3. This sanction has been registered as Local No. 23 W. of 1883-84.

(True Extract.)

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

To the Board of Revenue, with eight Enclosures.
" Superintending Engineer, First Circle.
" Accountant-General.
" Financial Department.

Exd. A. F. Goodall.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of (1883) Madras.

PUBLIC WORKS.

Dated August, 7th.

Recd.

Encl.

G.O., 7th Aug. 1883, No. 2158 W.

AUGUST.

Chicacole Bridge

Estimate for the restoration of the —, in the
Ganjam District, sanctioned.

Draft by
30/7

D. W.

approved

must of course be
provided for

To eradicate roots of fig
trees I believe to be impossible
without thorough demolition as
the smallest scraps of root prove
— serves sufficient vitality to start
afresh — Mr. Black has said
much some little experience of
this — I may must try to put out
the roots & then maintain a
sharp watch ever after

Mr. it will be an unkind to say
but the design for cutting must be
approved by the S.E.

W.

2158 W

Estimate of Rs. 15000 for the
restoration of Chicacole bridge is
submitted by the Board of Revenue.
The destruction of 5 arches of this
bridge (which does not appear from
the correspondence) was due it would
seem to the wells having been bedded
on a layer of clay which overlies
rock at a varying depth below the
sandy bed & not having gone down
through this thin clay stratum to
the rock.

The project has been prepared by the
P. & E. 1st circle, and may I think
be sanctioned.

He ~~had~~ his original notes on the
work but Walsh commented on the
necessity of removing jutting rocks
which impeded the velocity of some
of the arches besides causing the stream
to impinge in an oblique & dangerous
direction against one of the piers. But
in the estimate I find no provision
for this essential item.

Further he brought to notice the
necessity of thoroughly eradicating the
roots of banyan & peepal trees growing
out of the old masonry. So bad were
these roots that the entire destruction
of the masonry was nearly a matter of
time — yet for this important work
too there is no provision, when it is
intended to do all this from "anticipation".

Some of the rates seem to me very
low for such work, but doubtless S.E.
knows what the rates in locality should
be. As the work is, I presume, to be
carried out by S.F. establishment it
would have been as well to have given
a design in detail for the cutting.

C.B.

21/7

Current No.

6065 ²¹⁸/₉

Letter No.

6046 Dis.

Dated the

17th July/83

From the

Board of Revenue

NOTE OF REMARKS.

1. The plan and estimate herewith submitted provide for the repair of the Chiacote bridge, Kanjam District. Amount of estimate is Rs. 15,000.
2. The Report with the aid of the plan very clearly explains the various steps it is intended to adopt to repair the bridge so thoroughly as to prevent the recurrence of any further injury. These measures certainly seem satisfactory.
3. There is one point calling for explanation:— In his notes on the Chiacote bridge of the 24/3/82, the Supg. Engr in para. 9 lays great stress on the removal of "masses of rock" which obstruct the river current above the bridge so as to render some of its bays worthless and also endangers the bridge. In neither Report nor estimate is any work made of the removal of

these rocks, and the tone
in which the subject is treated
in the 'Notes' alluded to
will not warrant the
assumption that this item
is provided for under 'contingencies' though the percentage
allowed for 'contingencies
and Supervision' is so high
as 12.

4. No mention is made of
the probable length of time
required for carrying out
the work.

19th July/83
RST



Proceedings of the Board of Revenue,

Dated 17th July 1883.

No. 6046 Mis.

Read Endorsed from the President, Local Fund Board, Ganjam

District, dated 21st June 1883 N^o 697.

Resolution

The plan and Estimate amounting to
Rupees 15,000 for rebuilding the damaged arches
of the Chicacole Bridge are submitted for
the approval of Government.

2. The work appears as item N^o 5 in
Part I of the Current Year's budget with
an allotment of Rs 15,000.

(Three Extracts)

Wm. B. S. S. S.

By Sub-Secretary

To the Secretary to Government P.W.D.

with letter & 6 Enclosures in original

21 President, Local Fund Board, Ganjam

x d Ck

M. N. S. S.

Public Works Department
Chepauk 7th Dec 1883

Memorandum by the Chief Engineer Public Works Dep.
P. V.

The plans and estimate
for the restoration of the
Chicacole bridge prepared
by the Superintending Engineer
Fitch Cole, are submitted
for the sanction of Government.

2. In his original estimate
on the work, the Superintend-
ing Engineer Fitch Cole
commends to show the necessity
of removing jutting rocks
which impede the
waterway of some of the
arches, besides causing
the stream to impinge in
an oblique and dangerous
direction against one of
the piers, but in the
estimate no provision
appears

appears to have been
made for the essential
items. Further the Superin-
tending Engineer brought
also notice the necessity
for thoroughly eradicating
all roots of Bauian and
a few trees growing out
of the old masonry.
So bad ^{are} these roots
that the serious disloca-
tion of the masonry is
merely a matter of time,
yet for this important
work also there is apparently
no provision. It is hardly
possible that it is intended
to carry out these ^{particular items} ~~works~~
from the item "Contingencies"
and if not, they should
certainly be provided
for. To eradicate roots
of fig trees is believed
to be impossible without
thorough demolition,
as the smallest scrap

of root preserves sufficient
vitality to start afresh.
The Local Fund Engineer
should endeavour to remove
the roots thoroughly and
maintain a careful watch
afterwards.

3 Some of the rates
appear to the Chief Engineer
to be very low for such
work, but they have
doubtless been fixed by the
Superintending Engineer
from a knowledge of the
locality. As the work is
to be carried out by
the Local Fund establish-
ment, it would have
been well if the Superin-
tending Engineer had
~~formulated~~ ^{called for} a design
in detail for the cuttings.
Such design when
prepared should be
approved by the Super-
intending Engineer.

2158
8

A.W.C. No. 6065

Board 1882. Revenue
Court of ~~wards~~
MADRAS.

To
The Secretary to Government
P.W.D.

En 8 (2 places)

Ref 1877/53

Proceedings, dated 17th July — 1882.
No. 6040 M.S.

Subject.

Submitting for the approval
of Govt plan & estimate amount-
ing to Rs 15000 for rebuilding
the damaged arches of
the Chicacole Bridge in
Ganjain C^t —

Ref 1877/53
O.L.S. 30-7

Chicacole
Bridge

14 B & R
No 2158W PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 7th Aug 1883

Read the following

Proceedings of the Board of
Revenue } A.E. No. 6046 of 17th July 1883
Memorandum by the Chief
Engineer. P.W.D. } No. — of 7th Aug 1883

The estimate amounting
to Rs 15,000 for the restoration
of the Chicacole Bridge
in the Ganjain District
is sanctioned.

2 The attention of
the Local Fund Board
should be called to the
Chief Engineer's remarks above
referred to.

3. This sanction has
been registered as Local
Fund S. E. First Circle, No. 23 of 1883-84.
Accountant General
Financial Dept

6065

Gobt. of (1883) Madras.

PUBLIC WORKS.

Drawn

Each

G. O. 7 August 1883, No. 2158

Nos.

Chinese bridge

Estimate for the restoration
of the — in the Gungar
District, Sundarabad

65/6

20870

Subd. in Rept. Rep. to