

(1) Number of pages _____

(2) Date of repair _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	2294-	Press
B.P. No.		Mis.
Dated	18.8.	1953 1874

Not to be folded or roughly handled

No. 383. Read the following letter from Major J. BEATTY, R.E., District Engineer, Godavery, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Dowlaishweram, 13th July 1874, No. 1,194:—

I HAVE the honor to submit, herewith, a comparative statement showing the original estimate of the Thooliabaga iron girder bridge, and the actual cost of construction, as the outlay has exceeded the estimate by Rupees 478, being an excess of 13.7 per cent., which needs the sanction of Government.

2. This work was originally estimated to cost Rupees 3,490, and was sanctioned by Government in G. O., No. 2,577 of 6th August 1869. It was commenced on the 1st of August 1870, and completed on the 23rd September 1873. The estimate was framed by Mr. Sage, and the work was carried out by Major Hasted, Major Mead, and Captain Brockman. The Range Officer explains in his letter, copy of which is herewith sent, the causes of the excess and the circumstances under which it occurred.

3. Materials had been collected on the site for the work three years before it was commenced, which was a source of much loss, and the remaining excess occurred in the items of concrete, rubble masonry, and excavating foundations. The rates for concrete and rubble masonry had been fixed too low, and nothing had been provided in the estimate for baling, which was found necessary.

4. Mr. Sage had submitted a revised estimate, which the District Engineer did not forward, and through some oversight the Range Officer continued the work under the impression that this revised estimate had been sanctioned.

5. I have reminded all Officers and Overseers that no excess over estimates or allotments should on any account be allowed without written permission from competent authority; and that when any excess appears probable, they should report the circumstance at once, with full explanation of the cause, in order that the necessary steps may be taken to obtain sanction.

No. 384 & 385.

ORDER THEREON, 18th August 1874, No. 2,294.

IRRIGATION, No. 33.

THE supplemental estimate of Rupees 478 for the bridge over the Thooliabaga drain in the Eastern Delta of the Godavery, for which an original estimate of Rupees 3,490 was sanctioned in the Order of the 6th August 1869, No. 2,577, is sanctioned.

2. Provision for one-half of the above additional amount from Local Funds will require to be made, and these Proceedings will be communicated to the Financial Department with a view to the necessary arrangements being made.

3. It is observed that the construction of this bridge occupied apparently a very long time, and that the loss of materials, to which part of the extra expendi-

Proceedings of the Madras Government, Public Works Department,
18th August 1874.

ture is attributable, was due to delay in commencing work, which indicates the absence of efficient executive arrangements. A mistake also of nearly 30 per cent. in the weight of iron in the girders is not creditable.

(True Extract.)

Lieut.-Colonel, R.E.,
Joint Secretary to Government.

To the District Engineer, Godavery.
.. Officiating Controller of Public Works Accounts.
.. Financial Department.

Subscribed for Chief.

No. 135

Camp Dowlaishweram
Executive Engineer's Office 10th Aug 74

From,
The Officer in charge No 1 or Eastern
Delta Range Godavery District

To,
The District Engineer Godavery
Dowlaishweram.

Sir,
With reference to your Memo No 799
dated 9th instant relative to the excess ex-
penditure on the Pooliahaga Iron Girder
Bridge on the Wondoor Road Chanotho
honor to report that from the Month of
April 1872, the estimate amount for the
work viz Rupees 3800, was shown as sanc-
tioned and allotted in the Progress Re-
ports of this Range submitted to your
Office, as well as in those to the Controller,
and no reception was taken to that amount
having been substituted for the original
estimate amount of Rupees 31490, except
by the latter Officer in his clearance state-
ment for July last, but who was inform-
ed from this Office that a comparative
Statement was under preparation. When
I took over charge of this Range from Major
Mead.

Head R.R. the expenditure had amounted to Rupees 3,911-3-0. The expenditure subsequently incurred by me was upon items not yet worked out, and which I completed within their estimate amounts, except that of "dressing faces" on which there was an excess of Rupees 7-10-3.

The excess has occurred chiefly in the items of concrete, Rough Stone in chunam, and in recreation, for the latter of which no baling was allowed. Materials had been lying at the site of bridge for three years previously to commencing the work, and it was owing to great portion of them having been either made away with by neighbouring villagers or buried in the bed of the drain itself, and therefore not forthcoming when the work was set on hand. I enclose copy of a Memo from Assistant Engineer Mr. J. C. Lazzarini to the Quersier in charge of the work from which it will be seen that the late District Engineer Lieutenant Colonel Fischer sanctioned an excess expenditure in the item of concrete of Rupees 63 odd.

The excess in the recreation for

foundations resulted from baling being found to be necessary.

I may mention with reference to your Office No. 3217 dated 7th December 1869 that the rates of the Original estimate were too low to admit of any savings being effected on the masonry work.

X X X X

I have to you

Signed / R.R. Brockman (Capt)
Executive Engineer

/ True Copy /

J. Peatty - Major R.R.
District Engineer Godanary

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Ms. 218 Aug 13/74
W. M. 383.
1874/75

N. 1194

District Engineer's Office Godavari
Dowlaishera 13th July 1874

From

Major J. Reatty R.E.
District Engineer Godavari

To

Colonel G. W. Walker R.E.
Chief Engineer & Secretary
to Government P. W. D.
Mauras.

Enclosure
to be sent to
the
1 copy to be
sent to the
the
Sir,

I have the honor to submit herewith
a Comparative Statement showing the original
estimate of the Thooliabaga Iron Girder
Bridge and the actual cost of construction,
as the outlay has exceeded the estimate by
Rs 470 being an excess of 13.7 per cent,
which needs the sanction of Government.

2 This work was originally estimated
to cost Rs 3490, and was sanctioned by
Government in G. O. N. 2577 of 16th August 1869.

It was commenced on the 1st of August 1870 and
completed on the 23rd September 1873. The

1 The Estimate was framed by Mr. Vago, and the
to work was carried out by Major Hasted,
2 Major Mead and Captain Prockman.
no The Range Officer explains in his letter,
3 a copy of which is herewith sent, the causes
of the excess and the circumstances under which
it occurred.

4 Materials had been collected on the
site for the work three years before it was
commenced, which was a source of much loss;
and the remaining excess occurred in the items
of concrete, rubble masonry, and excavating
foundations. The rates for concrete and
rubble masonry had been fixed too low,
and nothing had been provided in the estimate
for baling, which was found necessary.

5 Mr. Vago had submitted a revised
estimate, which the District Engineer did not
forward, and through some oversight the Range
Officer continued the work under the impression
that this revised estimate had been sanctioned.

6 I have reminded all Officers
and Overseers that no excess over estimates or
allotments should on any account be allowed

without written permission from competent
authority; and that when any excess appears,
probably, they should report the circumstances
at once with full explanation of the cause,
in order that the necessary steps may be
taken to obtain sanction.

I have the honor to be
Sir,
Your Most Obedt Servant
L. Beatty - Major R.E.
District Engineer Godavery

1. The first part of the document is a list of names and dates, which appears to be a record of some kind. The names are written in a cursive script, and the dates are in a more formal, printed style. The list is organized into two columns, with names on the left and dates on the right.

2. The second part of the document is a series of handwritten notes or entries. These are written in a cursive script and are organized into a list format. The notes are written on a piece of paper that has been folded, and the edges of the folds are visible.

3. The third part of the document is a series of handwritten notes or entries. These are written in a cursive script and are organized into a list format. The notes are written on a piece of paper that has been folded, and the edges of the folds are visible.

4. The fourth part of the document is a series of handwritten notes or entries. These are written in a cursive script and are organized into a list format. The notes are written on a piece of paper that has been folded, and the edges of the folds are visible.

5. The fifth part of the document is a series of handwritten notes or entries. These are written in a cursive script and are organized into a list format. The notes are written on a piece of paper that has been folded, and the edges of the folds are visible.

Handwritten signatures and text, including a large signature on the left and a smaller one on the right.

286-4413
The Robert Englewood
Foundation

Date 13th
Received 21^o of Dec 1874
Jas. H. H. H.
The Board
of Directors

Chicago
E. C. Rice
2941 R. St.

Charges
E. O. No. 2296 R. S. N.

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Local Funds will require to be made, and these Proceedings will be communicated to the Revenue Department with a view to the necessary arrangements being made.

3. It is observed that the construction of the bridge occupied apparently a very long time and that the loss of materials, which part of the extra expenditure is attributable, was due to delay in commencing work, which indicates the absence of

The whole has been much mismanaged

of efficient executive arrangements. A mistake also of nearly 30 per cent in the weight of iron in the girders is not creditable.

Wm. 27/7/74
G.M.W.

To the D. C. Gadavary
Cantonalles
Financial Dept
Chief Engr. for S.W.
Wm & S. C. P. 25/7/74.

Govt. of 1874 Madras.

PUBLIC WORKS.



The Dist. Engr
Godavari

Dated

Recd.

Encl. 2

G. O. Bamp 1874, No. 2294

Nos. 383-385

Thoolia barge

Bridge over the Thoolia
barge drain in the Eastern
Della of the Godavari - The

supplemental Estimate of
No. 478 for the Bridge
with remarks,
sanctioned and a copy of
these Proceedings, com? to the
Financial D^y, with a view
to the necessary arrangements
being made for the provision
for one half of the amount
from Local Funds.

383-385

Recd 30/1/74 Retd 31/1/74