

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No. 1030

B.P. No.

Press

Mis.

Dated

14-4-1955

Not to be folded or roughly handled

Read the following papers:—

No. 352. From Colonel E. A. FOORD, R.E., District Engineer, Bellary, to Lieut.-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Bellary, 16th March 1875, No. 1,208.

I HAVE the honor to inform you that I inspected the Gootloor tank on the 21st and 23rd of January. The closing of the breach was then in progress, and there is little doubt of all the work provided for in the estimate of Rupees 25,000, sanctioned in

1 Plan of longitudinal and cross sections of Goot-
loor tank bund.
1 Abstract Estimate, Rupees 5,260.

G. O., No. 132, dated 20th January 1874, being completed by the end of this month. All the stone facing that has been lately rebuilt, both at the breach and elsewhere, has good foundations and backing, and the earthwork has been carefully done.

2. I regret, however, to have to report that parts of the old stone revetment, that is work done from the estimate of Rupees 60,500 sanctioned in G. O., No. 55, dated 8th January 1869, are likely to slip, and should, I think, be rebuilt. The stones have not been carefully laid, and there is no proper backing. The depth of the foundation is in some places insufficient. I proposed at first taking down the whole of the stone facing in some of the taks and excavating to a further depth of two yards, or in all five yards. A very large estimate was prepared, but there would not be time to carry out the work before the tank fills. On further consideration I have limited the work proposed to be done to rebuilding the stone work from above the foundation with puddle backing in the same way that all the recent work has been done. The present foundations are of considerable depth, and the bulging of the revetment seems due to bad work above and not below the ground.

3. The portions of revetment at the ends of bank do not show signs of weakness, and they are not of great height. The revised estimate which I now forward amounts to Rupees 5,260. The sections of the tank bank were received with the first estimate which amounted to Rupees 10,500.

No. 352A.

No. 336.

Note by the Chief Engineer for Irrigation.

THE Superintending Engineer's opinion as to the extent to which the revetment of the Gootloor tank requires to be rebuilt may be accepted. It will be fortunate if this additional estimate of Rupees 5,260 for a greatly mismanaged work be the last of the long series.

2. The sheet of longitudinal and cross sections enclosed in the Superintending Engineer's letter reveals, however, matters which need that officer's immediate attention. The level of the top of the bund is shown to be very irregular, and it must be brought throughout to its proper level; secondly, one water line is shown on all the sections. On the longitudinal section it would seem to denote F.T.L., and to correspond with the crests of the surplus weirs; on cross sections Nos. 1 and 2 the water line is marked H. W. M., which would seem to mean maximum water level, and if so should be marked M. W. L. Both lines should be marked on all the sections, and their level, and that fixed for the top of the bund should be noted, and the Superintending Engineer should

*Proceedings of the Madras Government, Public Works Department,
14th April 1875.*

satisfy himself that in extreme floods the surplus can be discharged without the maximum W. L. being exceeded.

3. The present estimate should, it is thought, be sanctioned as a repair.

CAMP AT THAMARAPAKKUM, (Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
2nd April 1875. Chief Engineer for Irrigation.

No 353.

ORDER THEREON, 14th April 1875, No. 1,030.

IRRIGATION, No. 40.

THE estimate, amounting to Rs. 5,260, for rebuilding part of the revetment of the Gootloor tank is sanctioned, and will be carried out as a repair.

2. The special attention of the Superintending Engineer will be given to the remarks of the Chief Engineer for Irrigation, and full explanation of the great irregularity in the level of the bund will be expected. A report on the adequacy or otherwise of the means of disposing of surplus water should also be submitted.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Superintending Engineer, Bellary, with Plan.

„ Chief Engineer for Irrigation.

„ Controller of Public Works Accounts.

Exd. W. J. Lewis.

Spare Copies

N^o 336

Note by the Chief Engineer for Irrigation.

The Superintending Engineer's opinion as to the extent to which the revetment of the Gootloor tank requires to be rebuilt may be accepted. It will be fortunate if this additional estimate of Rupees 5,260 for a greatly mismanaged work be the last of the long series.

2 The sheet of longitudinal and cross sections enclosed in Superintending Engineer's letter reveals however matters which need that officer's immediate attention. The level of the top of the bund is shown to be very irregular and it must be brought throughout to its proper level. 2^{ndly} one water line is shown on all the sections. On the longitudinal

O. N. 1875 Sept-
No. 2239.

From
Chief Engineer
Irrigation.

Date 2nd April 1875
Recd: 6th _____

No 331. En 3.
Subject.

Not by the Chief Engineer
for Irrigation on a letter
from the Asst Engineer
Kellary for warding estimate
for rebuilding portions
of the revetment of Gooloor
Tank.

G.O. No. 1030. 14. 4. 75

S.H.B. *Dr. J. L.*
Proceedings of the head and
Read the following
by the Chief Engineer
for Irrigation } (H. E. No 336 of 2nd April 75)
G.O. No: 1030 of 14th April 75

The estimate amounting
to Rupees 5260 for rebuilding
part of the revetment of the
Gooloor Tank is sanctioned,
and will be carried out as a
repair.

2 The special attention of
the Superintending Engineer will
be given to the remarks of the
Chief Engineer for Irrigation, and
full explanation of the great
irregularity in the level of the
bund will be expected. A report
on the adequacy or otherwise of
the means of disposing of
surplus water should also
be

be submitted.

Jan 24/75

G.M.W.

with Plans

To The Supt. Engr. Bellamy with
Chief Engr. for Department
Controller of P.W. Accounts

Dec 22-4-75

N^o 352/3

2239 ✓
Govt. of 1875 Madras.
PUBLIC WORKS.

To
Supt. Engineer
Battary.

Dated

Recd.

Encl.

G. O. 14 April 1875, No. 1030

Nos. 352. 353.

352
Footlow Tank, Battary.

Arch. for rebuilding part of
the embankment of the -
ditched work to be
carried out as repair;
Report of the adequacy or other-
wise of the means of dis-
posing of surplus water
called for.