

(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.	235-(9)	Press
B.P. No.		Mis.
Dated	2 - 2 -	1954

Not to be folded or roughly handled

Read the following papers:—

No. 1. From G. D. WYBROW, Esq., for District Engineer, Trichinopoly, to Lieut.-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Trichinopoly, 17th December 1873, No. 405.

IN forwarding the estimate, amounting to Rupees 3,200, for repairing the tank bank of Streepurandam, Woodiarpoliem Taluq, for your sanction, I have the honour to inform you that the information required in your Circular Memorandum, No. 588, dated 5th September 1873, is fully given in the accompanying memorandum, and the estimate is countersigned by the Collector; and request therefore that early sanction may be accorded to enable the work to be carried out within the current official year.

No. 906.

No. 2. *Note by the Chief Engineer for Irrigation.*

THE estimate, amounting to Rupees 3,200, for the repair of the Streepurandam Tank in the Woodiarpoliem Taluq of the Trichinopoly District has not been properly examined by the District Engineer, as it is evident that the existing means of escape for flood waters are altogether inadequate. The calingulah is stated to be 54 feet long, whether including or exclusive of the upright stones is not stated, but, if the latter, the discharge with 2 feet going over would be about 504 cubic feet a second, equivalent to a rain-fall drainage of 1.88 inches in the 24 hours. Such a surplus work would be useless for ensuring the safety of the tank in any but very moderate monsoons. A crest wall without upright stones of 200 feet in length will probably prove adequate, but if the present calingulah be retained unaltered as part of the escape provision, the additional work, which should be without upright stones, should be 160 feet in length.

2. The circumstances of the bund should receive the District Engineer's special consideration. Stone is stated not to be procurable, and the soil is reported to be a salt loam on which neither nanul nor coorkay will grow. Something however probably will grow, for it is improbable that the bund of a fresh-water tank which cultivates a large area of land, can be composed of such bad soil as to be entirely barren. It is further stated that the bund is much damaged by the village cattle, and of this the District Engineer has taken no notice in the papers forwarded, although much may be done by pounding cattle, placing fences across the bund at intervals, and reporting to the Collector who will doubtless call the village officers to account. Probably also at times the cattle have to cross the bund to get to the water or to the grazing ground within the tank, and if so, ramps should be provided, at slopes of about one in six, for them, and these crossings should be fenced off from the rest of the bund.

3. As the amount of earth-work to be done is large, and as a considerable revenue* is dependent on this tank which has been allowed to become much out of repair, the estimate may be sanctioned, so that the work may be gone on with, but the District Engineer should submit a supplemental estimate

* Rupees 1,172 to 1,782.

very

*Proceedings of the Madras Government, Public Works Department,
2nd February 1874.*

providing for the extension of the surplus works, and for the reconstruction of the unserviceable sluice, and in doing so he should report what measures he proposes to adopt to ensure the preservation of the bund from excessive wear and tear from the waves and from injury by cattle.

FORT ST. GEORGE, (Signed) J. MULLINS, Lieut.-Colonel, R.E.,
19th December 1873. Chief Engineer for Irrigation.

No. 3. ORDER THEREON, 2nd February 1874, No. 235.

IRRIGATION, No. 1.

THE estimate, amounting to Rupees 3,200, for the repair of Streepurandam Tank in the Woodiarpoliem Taluq of the Trichinopoly District, the average revenue of which is Rupees 1,172, and the highest revenue Rupees 1,782, is sanctioned. The District Engineer will, however, forward at an early date a supplemental estimate for increasing the means of surplusing flood water, and for any other work needed to make the tank safe and efficient, and his attention will also be given to the remarks of the Chief Engineer for Irrigation which show that this repair estimate has been submitted in a manner far from satisfactory.

(True Extract.)

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

To the District Engineer, Trichinopoly.
.. Chief Engineer for Irrigation.
.. Officiating Controller of Public Works Accounts.

No
No. 906.
Note by the Chief Engineer for Irrigation

The estimate amounting to Rupees 3200 for the repair of the Streepurandam Tank in the Woodiarpoliem Taluq of the Trichinopoly District has not been properly examined by the District Engineer, as it is evident that the existing means of escape for flood waters are altogether inadequate. The Calingulah is stated to be 54 feet long, whether including or exclusive of the upright stones is not stated, but, if the latter, the discharge with 2 feet going over would be about 504 C.F. a second, equivalent to a rain fall drainage of 1.88 inches in the 24 hours. Such a surplus work would be useless for ensuring the safety of the Tank in any but very

very moderate monsoons. A crest wall without upright stones of 200 feet in length will probably prove adequate, but if the present Culingulah be retained unaltered as part of the escape provision, the additional work, which should be without upright stones, should be 160 feet in length.—

2 The circumstances of the bund should receive the District Engineer's special consideration. Stone is stated not to be procurable, and the soil is reported to be a salt loam on which neither Naval nor Coorkay will grow. Something however, probably will grow for it is improbable that the bund of a fresh water tank, which cultivates a large area of land, can be composed of such bad soil as to be entirely barren. It is further stated that the bund

3 bund is much damaged by the Village Cattle, and of this the District Engineer has taken no notice in the papers forwarded, although much may be done by pounding cattle, placing fences across the bund at intervals and reporting to the Collector who will doubtless call the Village Officers to account. Probably also at times the cattle have to cross the bund to get to the water or to the grazing ground within the Tank and, if so, ramps should be provided, at slopes of about 1 in 6, for them, and these crossings should be fenced off from the rest of the bund.—

* R. 1172 to
1782.—

3 As the amount of earth work to be done is large, and as a considerable Revenue is dependent on this tank which has been allowed to become much out of repair

repair, the estimate may be sanctioned,
so that the work may be gone on
with, but the District Engineer
should submit a supplemental
estimate providing for the extension
of the surplus works, and for the
reconstruction of the unserviceable
whice, and in doing so he should
report what measures he proposes
to adopt to ensure the preservation
of the bund from excessive wear
and tear from the waves and
from injury by cattle.—

Fort St. George
19 December
1873—

Whitcomb Smith Esq. R.E.
Chief Engineer for Irrigation.

To
The Secretary to Government
P. W. D.

No 2-
Cir 8 Jan 74 P. 12

P. W. 1873 Depart
from No 6893 A.

The Chf Engr
for Irrigation

To the Secretary
of the M. D.
No 906.

Dated 19th
Decr 20th Decr 73

Encl-4

Note on the estimate for the repair of the
— Streepurendun
Tank - Wodeapohim
Taluk - Trichinopoly
Dist

No 235-2nd Febry/74

Ex No 235 M. D. Govt
Proceeding of the Madras Govt!
Read the following:

From the Chief Engineer
for Irrigation } (H. E. No 906 of 19th Decr/73)

The Estimate,
amounting to Rupees 3200,
for the repair of Streepurendun
Tank in the Wodeapohim
Taluk of the Trichinopoly
District, the average Revenue
of which is Rupees 1172, and
the Highest Revenue
Rupees 1782, is sanctioned.
The District Engineer
will however forward at
an early date a supplementary
estimate for

M. D.
1874

Approved by the
District Engineer
on 19th Decr 73

1874

increasing the means of
surplus flood water, and
for any other work needed
to make the bank safe,
and efficient, and his atten-
tion will also be given
to the remarks of the
Chief Engineer for Irriga-
tion which show that this
repair estimate has been
submitted in a manner
fair from State factory

Wm 20/11/23

C. M. W.

The Lt. Insp. Dickinson
Ch. Insp. for Div. of Works
Controller of Works

Desps. with 3-2/76

110 6893 St.
Govt. of 1874 Madras.
PUBLIC WORKS.

To The District Engineer
Trichinopoly

Dated

Recd.

Encl.

G. O., 2nd July 1874, No. 235.

No. 103

Shreeperundum Tank, Tri-
Chinopoly District. Reti-

made for the repair of the
tank, sanctioned; & Supr.

to submit a supplemental

est. for increasing the means of

surpassing flood water or other

work to make the tank safe

and attention called to the

unsatisfactory manner in

which the ~~est.~~ repair estimate

has been submitted.