

(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. 1951	(2)	Press
B.P. No.		Mis.
Dated 2-8-	1876	

Not to be folded or roughly handled

13

*Proceedings of the Madras Government, Public Works Department,
2nd August 1876. No. 1,951.*

Read the following papers :—

No. 14. From W. B. LEGGATT, Esq., A.I.C.E., Officiating District Engineer, Bellary, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Camp at Ramandroog, 14th March 1876, No. 3,131.

I HAVE the honor to forward for sanction an estimate, amounting to Rupees 2,140,

2 Sheets of Plans. accompanied by plans and specification
1 Form A. report for raising the bund of the Cundreepee tank in the Dhurnavaram taluq
1 List of Estimate. of the Pennacondah Range, and for recon-
1 Specification. structing and extending the south calingulah, which will also be provided with an under sluice.

2. This tank has three calingulahs. The south calingulah above referred to was built of loosely-packed stone, it was breached and the greater portion of it carried away during the monsoon of 1874. The tank surpluses into Mullianoor tank, which was in danger of breaching by the large extra quantity of water it so suddenly received.

3. The calingulah, before it breached, discharged with a depth of 3 feet; had it not breached the tank could not have been saved, for the water would have passed over the bank and considerable more damage would have been caused.

4. The estimate provides for raising the bund $5\frac{1}{2}$ feet above full tank level, or 3 feet above maximum water level. All the calingulahs are to be of the same level.

5. I beg to add that the reconstruction and extension of the calingulah has been undertaken in anticipation of sanction of estimate, as it is an emergent work and advantage is being taken of the present favorable season.

No. 121-W.

No. 14-A. *Note by the Chief Engineer for Irrigation.*

THE Officiating District Engineer, Bellary, forwards, with his letter marginally noted, an estimate in connection with the Cundreepee tank situated in the Dhurnavaram taluq, Pennacondah Range.

2. The nature of the work proposed for execution and the heads of account to which it is chargeable are as follow :—

ORDINARY AGRICULTURAL.

Original Works.

Reconstructing south surplus weir with 70 feet extra length	...	...	...	...	RS.
					1,255
Raising and repairing the bund	...	...	...	...	885
					2,140

3. The following particulars of this tank are recorded—

Ayacut area, 294 Acres. { Circar 247
Inam 47
Assessment, Rs. 1,390. { Circar 1,101.
Inam 289.

Average Revenue, 587 Rupees.
Highest do. 825 "

Expenditure during the previous four years. Not known.

Proceedings of the Madras Government, Public Works Department,
2nd August 1876. No. 1,951.

The area of the catchment basin is $8\frac{1}{2}$ square miles; the maximum flood supply is calculated at 2,808 cubic feet per second for discharging which, as surplus, there are three calingulahs.* The greater portion of the southern calingulah was destroyed by the rains of 1874, the breaching of this calingulah and the consequent sudden influx into the Mullianoor tank was nearly causing the latter to breach also.

4. The estimate provides for repairing the calingulah which was breached and extending it 70 feet, for raising the bund to a uniform level $5\frac{1}{2}$ feet above F.T.L. and 3 feet above M.W.L., as well as for removing and rebuilding certain portions of the revetment.

The total length of weir available for discharge will be 237 feet, which, with the proposed head, will give a sufficient discharge.

The construction of the calingulah has been undertaken as an emergent work.

OOTACAMUND,
29th July 1876.

(Signed) A. DEC. SCOTT, Major, R.E.,
Deputy Chief Engineer for Irrigation,
for Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department.

No. 15.

ORDER THEREON, 2nd August 1876, No. 1,951.

IRRIGATION, No. 5-A.
Account.

The following estimates from the Pennacondah Range, forwarded by the Officiating District Engineer, Bellary, are sanctioned:—

ORDINARY AGRICULTURAL.
Original Works.

Cundreepe Tank.	1. Reconstructing surplus weir with 70 feet extra length...	1,255
	2. Repairing bund	885

2. These sanctions have been registered as No. 90-I. of 1875-76.

(True Extract.)

Colonel,

Offg. Under Secy. to Govt., P.W.D.

To the District Engineer, Bellary.
" Collector of Bellary.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Revenue Department.

Exd. W. H. French.
Spare Copies

E. I. Form No. 9.

OFFICE OF THE CHIEF ENGINEER
FOR IRRIGATION.

Ootacamund 29th July 1876.

No. 121-W

Note by Chief Engineer for Irrigation.

Enclos. 6 - THE Officiating District Engineer, Bellary,
forwards, with his letter marginally noted, an Estimate in connection
No 3131
Dated 14th March 1876. with the Cundreepe Tank situated in the
Dharmavaram Taluq, Pennacondah Range.

2. The nature of the work proposed for execution and the heads of account to which it is chargeable are as follow:—

Ordinary - Agricultural.

Original works.

Reconstructing surplus weir with 70 feet extra length. 1255—

Repairs.

Raising and repairing the bund. 885—
Total Rupees 2,140—

3. The following particulars of this Tank are recorded—

Ayacut area. 274 acres. Area 247
Assessment. 1570 Rupees. Ruam 47
Average revenue. 587 Rupees. Area 101
Highest do. 825 Rupees. Ruam 289
Expenditure during the previous four years. Not known.

The area of the catchment basin is $8\frac{1}{2}$ square miles; the maximum flood supply is calculated at 2808 cubic feet per second for discharging which, as surplus there are three Kalingulaks. The greater portion

of the Southern Kalingulak was destroyed by the rains of 1874, the breaching of this Kalingulak and the consequent sudden influx into the Mullianoor Tank was nearly causing the latter to break also.

The estimate provides for repairing the Kalingulak which was breached and extending it 70 feet, for raising the bund to a uniform level $5\frac{1}{2}$ feet above FTL and 3 feet above MWL as well as for removing and rebuilding certain portions of the revetment.

The total length of weir available for discharge will be 237 feet, which with the proposed head will give a sufficient discharge.

The construction of the Kalingulak has been undertaken as an emergent work.

* Total length 188.
effective do. - 167.

And State

Major R. S.

Deputy Chief Engineer for Irrigation
for Chief Engineer for Irrigation

The Secretary to Government
Public Works Department.

C. S. S.
19/7/76

FORMER CASES.

No. of 187
" "

Issue No.
Dated

LATER CASES.

No. of 187
" "

Sent to Government with No.
18

Printed with G. O. No.

dated

REMINDERS ISSUED.

No. 1, dated	187
" 2, "	"
" 3, "	"
" 4, "	"
" 5, "	"

KEEP-WITHS.

Ci- 31.7.76 Mtd 2.8.76
Vn. Shul. 33 July

Issue Case.

I. E. Form No. 31.

L. H. 1876. Department
from
The Chief Engineer for Irrigation.

No. 121-W

Dated 29 July 1876.
Received 4 August

Subject:—

Cundrepe Tank. Bellary
District— Note submitted for
sanction & estimate for certain
works to be —

ENCLOSURES. 6

E. I. Form No. 4-A

N^o 1951 P. W. Dept.

Proceedings of the Madras Government
Under date the 2nd August 1876.

Read the following:—

Note by the Chief Eng^r for Irrigation N^o 121 W
of 29th July 1876.

The following Estimates from the
Pennacondah Range, forwarded by the
Dist. District Engineer, Bellary, are
sanctioned:—

Ordinary: Agricultural.

Cundrepe Tank.

Original Works.

1 Reconstructing. Sur-
-plus weir with 70
feet extra length. — Rupees 1,255.
Repairs
2 Repairing bund. — — 885

2. These sanctions have been registered
as No. 90 I. of 1875-76.

By Bellary.
Collector - Rs.
C. E. for J. with 6 Enclos^{es}
S. P. L. to
Rep. Sept.
Date 16/8/76

AmfS

5573

Govt. of Madras.

PUBLIC WORKS.

To

The H. L. Bellary

Dated

Issued

Recd

Encl.

G. O. 2nd August 1876, No. 1751.

Nos. 14 & 15.

Cum dre pee Tank
Bellary Sr - Estimates
for certain works to
be — sanctioned —

But no Ref.
17-8-76