

(1) Number of pages. _____
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(3) Initials of the Referencer. _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	130	(9)	Press
B.P. No.			Mis.
Dated	20 /		18 76

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
20th January 1876.*

No. 254.

Read the following :—

No. 36.

Note by the Chief Engineer for Irrigation.

The following estimates are submitted
Letter, No. 3,030, dated 19th October 1875. by the Superintending Engineer, Chin-
gleput :—

1. Repairing the Peraloor Large Tank in the Ponnary taluq.
2. Repairing the Peraloor Tangle in do.

The financial and hydraulic details of these Irrigation works are exhibited in the
following tabular statements :—

I.

Financial Details.

Name of Work.	Ayacut Area.	Assessment.	Average Revenue in 5 years.	Highest Revenue in 5 years.	Expenditure on Repairs during previous 4 years.	AMOUNT OF ESTIMATE.		
						Captail.	Revenue.	Total.
1	2	3	4	5	6	7	8	9
	ACRES.	RS.	RS. A. P.	RS.	RS.	RS.	RS.	RS.
Peraloor Large Tank ...	133 94	409 11	493 9 7	506	1,088	...	343	343
Peraloor Tangle ...					...	...	64	64

II.

Hydraulic Details.

Name of Work.	Catchment Area.	MAXIMUM SUPPLY.		LENGTH OF WEIR.		MINIMUM HEIGHT OF BUND.		Weir discharge at M.T.L.	No. of Tanks above.
		Catchment.	Channel.	Total.	Effective.	Above F.T.L.	Above M.T.L.		
	SQ. M.	C. FT. PER SECOND.	C. FT. PER SECOND.	FEET.	FEET.	FEET.	FEET.	C. FT. PER SECOND.	
Peraloor Large Tank ...	1-00	562	...	93	93	3-25	1-75	Not given.	Not stated
Peraloor Tangle ...	0-50	354	...	300	300	2-00	0-50	Do.	Do.

PERALOOR LARGE TANK.

This tank receives the surplus of the Chinneambedu Tank, when the stream from the latter is in flood with the spill from the Naranaveram river, and apparently the safety of the Peraloor Tank depends more on the embankment of the above-named river than on any constructive improvements applied to the tank. It is stated that an estimate for completing and repairing the Naranaveram embankments is nearly ready for submission, and the work should have preceded the repairs of the tank bund which have apparently been carried out except so far as they were emergent. These include the closing of the breach made during the cyclone of May 1874, and the planting of

Proceedings of the Madras Government, Public Works Department,
20th January 1876.

the natural escape with nanul. The amount of the estimate is Rupees 343, and the whole is chargeable to Revenue.

It will be observed that during the past four years ending 1874-75 a considerable sum relating to the revenue of the tank has been expended in repairs annually carried out. Some explanation of the cause of this repeated outlay should have been given.

PERALLOOR TANGLE.

The observations already made in reference to the connection of the Naranavaram river with the Peralloor Large Tank apply also to the case of the smaller tank of that name.

The estimate provides for the closing of a breach, the raising of the bund and the planting of the natural escapes. The amount, Rupees 64, is debitable to Revenue.

FORT ST. GEORGE,
8th January 1876.

(By order,) A. DEC. SCOTT, Major, R.E.,
Asst. Chief Engr., Irrigation Dept.

No. 255.

ORDER THEREON, 20th January 1876, No. 130.

IRRIGATION, No. 20.

Account.

THE following Irrigation estimates submitted by the District Engineer Chingleput, and chargeable to Revenue are sanctioned :—

	Rs.
Repairing the Peralloor Large Tank	343
Do. do. Tangle	64

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the Superintending Engineer, Chingleput.
" Collector of Chingleput.
" Chief Engineer for Irrigation.
" Controller of Public Works Accounts.
" Revenue Department.

Ed. E. C. Shanker.
Extra Copies

N^o 36.

Note by the Chief Engineer for Irrigation

Letter N^o 3030 dated 1
19th October 1875.

The following Estimates were submitted by the Superintending Engineer Chingleput.

1. Repairing the Peralloor large Tank in the Ponnary Taluq.
2. Repairing the Peralloor Tangle in do.

The financial and hydraulic details of these irrigation works are exhibited in the following tabular statements.

I
Financial details.

Name of work	Ayacut Area. acres.	Assess. in 5 years Rs.	Average Revenue in 5 years Rs.	Highest Revenue in 5 years Rs.	Expendi- ture on repairs during previous 4 years.	Amount of estimate Capital Revenue Rs.	Revenue Rs.	Total Rs.
1	2	3	4	5	6	7	8	9
Peralore large Tank —	138.94	409.11	492-9-7	506	1088	"	343	343
Peralore Tangle —					Nil.	"	64	64

Hydraulic details

Name of work	Catch. -ment area	Maying -ply	Length of weir	Maximum height of Canal	Weir No. of discharge above at	No. of above	F.T.L. M.T.L. M.T.L.		
							Squares miles.	Cub. ft. per second.	Cub. ft. per second.
Peralore Range Tank	1.00	562	nil	93	93	3.25	1.75	Stat. given	Not stated.
Peralore Tangle	0.50	354	nil	300	300	2.00	0.50	do.	do.

Peralore large Tank. This tank receives the surplus of the Ghinneambedu Tank, when the stream from the latter is in flood with the spill from the Nara-naveram river; and apparently the safety of the Peralore tank depends more on the embankment of the above named river than on any constructive improvements applied to the Tank. It is stated that an estimate for completing and repairing the Narasavaram embankments is nearly ready for submission, and the work should have

Accepted

preceded the repairs of the tank bund which have apparently been carried out ^{except so far as they were emergent.} These include the closing of the breach inside during the cyclone of May 1874 and the planting of the natural escape with Nanel. The amount of the Estimate is Rupees 343, and the whole is chargeable to Revenue.

It will be observed that during the past four years ending 1874-75 a considerable sum relating to the revenue of the tank has been expended in repairs annually carried out. Some explanation of the cause of this repeated outlay should have been given.

Peraloor Tangle

The observations already made in reference to the connection of the Naranaveram river with the Peraloor large tank apply also to the case of the smaller tank of that name. -

The estimate provided for the closing
of a breach, the raising of the bund
and the planting of the natural
escapes. The amount Rupees 64 is
debitable to Revenue.

Fort St. George
8th January 1875

Gudra
Asst. Secy.
Major R.R.
Asst. Chief Engineer Irrigation Dept.

To

The Secretary to Government
P. W. D.

20/1/76 N. 254

disb.

No. 36.

From

The Chief Engineer for
Irrigation

To, The Secretary to Govt.
P. W. D.

Dated 8th } January 1876
Received 1 }

Enclosures.

Note on the estimates
for repairs to Peraloor Tank
and tangle of kingleput.
Distt. -

20/1/76 N. 254

FORMER CASES.

Current No.

of 187

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M. WORKS FORM No. 3.

Current No.

224

From

The Chief Engr.
for Irrigation

No. 26

Dated 8th. Jan. 3 1896.
Recd. 13th. — 3 1896.

Subject:— Note on the esti-
mates for repairs to
Peraloor Tank and
Tangle, Chingleput Dt.

LATER CASES.

Current No.

of 187

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ENCLOSURES. 3

From

to

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G.O. No 130. 20. 1. 76
Orders and Proceedings in file.

Depart- ment.	No.	Date.	ENDORSEMENTS.		
			Depart- ment.	No.	Dated.

20/1/76 N. 254

Cir 13-1-76.

No. 130

P.W. Dept.

Proceedings of the Madras Government
20 Jan 76.
Read the following

From

The Chief Engr. for Irr. (H.E. No 36 of 8th Jan 76)

The following Irrigation
Estimates submitted by the
District Engineer Chingle-
put and chargeable to
Revenue are sanctioned.

Repairing the Peraloor large tank — 343
— do: — do: Tangle — 64.

and
G.M.

To the Supt. Engr. Chingleput — 6
Chief Engr. for Irrigation with 3 Encls.
Controller of P.W. accounts.
Rev. Secy. P.W. Dept.
Dated 29. 1. 76

224

Govt. of 1876 Madras.

PUBLIC WORKS.

¹ Supg. Eng. Chingleput

2/24 Jan 1877

D-13

D-12

D-11

D-10

Ch. O. 20 Jan 1877 No. 13

Nos. 254-255

Paragon Tank and canal
Chingleput Dist. — Notes
— all accounts to 31st Dec 1876
for repair to the — Sanction

254-255