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# TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

*Revenue* DEPARTMENT

|          |           |        |
|----------|-----------|--------|
| G.O. No. | 6489      | Press. |
| B.P. No: |           | Mis.   |
| Dated    | 6.12.1977 | 197 .  |

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.  
PUBLIC WORKS DEPARTMENT.

26th November 1877, No. 527 I.

Irrigation.  
Account.

Read the following papers:—

- No. 93. From Colonel F. J. MOBERLY, R.E., Superintending Engineer, Chingleput, to the Chief Engineer for Irrigation, dated St. Thomas' Mount, 12th September 1877, No. 2,287.

I HAVE the honor to forward for the sanction of Government an estimate, amounting to Rupees 160, for Murugamangalam Thangal in Chingleput taluq. as it exceeds the average revenue of the past five years.

2. The thangal is at the head of a series of tanks running into Sydapett taluq.

No. 242 I.

No. 93-A. *Note by the Chief Engineer for Irrigation.*

THE Superintending Engineer, Chingleput, forwards, with his letter marginally noted, an estimate in connection with the Murugamangalam Thangal, situated in the Chingleput taluq, No. 3 or Chingleput 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.

IRRIGATION.

Original Works.

|                                                 |            |
|-------------------------------------------------|------------|
| Constructing a masonry irrigation sluice ... .. | Rs.<br>100 |
|-------------------------------------------------|------------|

|                                                                                |    |
|--------------------------------------------------------------------------------|----|
| Raising and repairing the bund and forming an escape planted with grass ... .. | 60 |
|--------------------------------------------------------------------------------|----|

Total ... 160

3. The following particulars of this thangal are recorded:—

|                                                   |            |
|---------------------------------------------------|------------|
| Ayacut area ... ..                                | 8 Acres.   |
| Assessment ... ..                                 | 44 Rupees. |
| Average revenue ... ..                            | 50 "       |
| Highest do. ... ..                                | 54 "       |
| Expenditure during the previous four years ... .. | Nil.       |

This thangal is situated in latitude 12° 49' 50" and longitude 80° 11' 30", it is the first of a series of tanks.

The area of the catchment basin is 0.125 square miles, the maximum flood supply is calculated at 141 cubic feet per second, for discharging which, as surplus, there is an opening of 18 feet in length at the northern end of the bund, which is insufficient and which it is proposed to extend to 84 feet and to plant with grass.

The thangal has a pot sluice for irrigation purposes, which is not sufficiently effective and it is proposed to replace it by a masonry sluice.

The bund was considerably damaged in 1872 and 1874, it is proposed to raise and section it and to plant the slopes with grass up to F.T.L.

The estimate provides for these improvements and additions.

The design for the sluice has been carefully drawn up. It may be better to make the rear retaining wall somewhat deeper than the two feet allowed.

The following statement shows the proposed distribution of the outlay recommended for sanction to the debit of the several heads of account involved:—

HEAD OF SERVICE—IRRIGATION.

Fund—Ordinary Agricultural.

| Name of System or Group. | Distinguishing Number or Letter of Group. | Name of Tank or Channel. | Description of Work.                         | Main Head.  | Class.          | Amount of each Item. | Amount to be separately accounted for. |
|--------------------------|-------------------------------------------|--------------------------|----------------------------------------------|-------------|-----------------|----------------------|----------------------------------------|
| ..                       | ..                                        | Murugamangalam Thangal.  | Masonry Irrigation sluice.                   | Irrigation. | Original Works. | rs. 100              | rs. 100                                |
|                          |                                           |                          | Repairing bund and forming a planted escape. |             | Repairs.        | 60                   | 60                                     |

(Signed) P. MONTGOMERIE, Major, R.E.,  
Ag. Dy. Chief Engr. for Irrigation,  
for Chief Engineer for Irrigation.  
FORT ST. GEORGE,  
15th November 1877.  
To the Joint Secretary to Government, Public Works Department, Irrigation Branch.

No. 94. ORDER THEREON, 26th November 1877, No. 527 I.

The following estimates from the No. 3 or Chingleput Range, forwarded by Superintending Engineer, Chingleput, are sanctioned:—

HEAD OF SERVICE—IRRIGATION.

Murugamangalam Thangal.

|                                                                                               | Rs. |
|-----------------------------------------------------------------------------------------------|-----|
| Work—Masonry Irrigation sluice—Original Works ... ..                                          | 100 |
| Repairing bund and forming planted escape—Repairs ... ..                                      | 60  |
| To be carried out by the Public Works Department Officer in charge No. 3 or Chingleput Range. |     |

2. This sanction has been registered as No. 264 I of 1877-78.

(True Extract.)

*P. Montgomerie*

Major, R.E.,  
Acting Under Secy. to Govt., P.W.D.,  
Irrigation Branch.

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

Erd. S. T. Austin.

1/4 Spare Copies

Revenue Dechar to

No 5043

REGISTRATION.  
CHINGLEPUT.

Sanct. of 11377 Thangal

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,  
CHINGLEPUT.  
&c., &c., &c.

Dated November 26th.

*See Memo*

Issued

Recd. 3<sup>rd</sup> Decr

Encl.

G. O., 20th November 1877, No. 527 L.

NOVEMBER.

Nos. 93-94.

N. 6489  
Comm'd to the  
Board of Revenue  
6. Dec 77

Murugamangalam Thangal, Chingleput  
District.—Sanctions estimates for repairs  
&c. to the —

10 to the Board of Revenue