(1) Number of pages 4

(2) Date of repair 5-3-1981

(3) Initials of the Referencer

# TAMIL NADU ARCHIVES

## GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

| | | |
|---|---|---|
| G.O. No. / ~~B.P. No.~~ | 3641 | Press. / Mis. |
| Dated | 27-6-1877 | 197 . |

*Not to be folded or roughly handled.*

Archives 1—10,006—19-4-79.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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15th June 1877, No. 85 I.

Irrigation.

Account.

Read the following :—

No. 45 I.

No. 61. *Note by the Chief Engineer for Irrigation.*

No. 375, dated 2nd May 1877.

The Superintending Engineer, Chingleput, forwards, with his letter marginally noted, an estimate in connection with the Porur Hissa Tank situated in the Sydapet Taluq, Mount 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.

*Repairs.*

| | Rs. |
|---|---|
| Raising and repairing the bund and forming a grass-planted escape ... ... ... ... ... ... ... ... | 1,865 |
| Repairing five irrigation sluices ... ... ... ... ... | 400 |
| Total ... | 2,265 |

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

| | | |
|---|---|---|
| Ayacut area ... ... ... ... ... ... ... | 292·58 | Acres. |
| Assessment ... ... ... ... ... ... ... | 1,213 | Rupees. |
| Average revenue ... ... ... ... ... ... ... | 1,061 | „ |
| Highest „ ... ... ... ... ... ... ... | 1,080 | „ |
| Expenditure during the previous four years ... ... ... | Nil. | |

The area of the catchment basin is 1·5 square miles, the maximum flood-supply is calculated at 737 cubic feet per second, for discharging which, as surplus, there is one escape 54 feet in length, which it is proposed to close, as it is in bad order, and to replace by a grass-planted escape 240 feet in length. A considerable extent of land under the Chembrambakam Tank lies in the drainage basin of this tank. Its surplus passes into the Adyar.

The tank was breached in the cyclones of 1872 and 1874, and it is stated that the ryots patched up the damages on both occasions ; but the bund is at present much eroded and requires to be raised and sectioned.

The tank has five irrigation sluices, all of which are in need of repair.

The estimate provides for the repair of the bund, including the forming of grass-planted escape, and for the repairs of the sluices.

A branch of the Mangadu Irrigation Channel is said to "cross the bund at the south end," by which channel water from the Chembrambakam Tank is conveyed to irrigate 90 acres of Moulivakkam Shrotriem village lands when this (Porur) tank is too low to supply them. A plan and estimate for a sluice in the bund to pass this Chembrambakam Tank water are sent, but it is stated that the work is "to be built by the

Shrotriemdar." If this is the case no sanction for the amount of the estimate is required. The estimate for repair of the bund is unaccompanied by any sections. The rate, Annas 1-3 a cubic yard, for all the earthwork to the bund is high, and the provision for turfing, Rupees 686-8-8, considerably more than seems advisable. Turfing but too often leads to waste of money and to additional injury to the bund owing to its attracting cattle. If the soil be suitable grass will grow on the bund without turfing. A provision of Rupees 336-8-8 may be allowed for turfing the interior face of the bund to prevent the new earthwork being washed down. The rest should be disallowed.

The Superintending Engineer reports that the work was commenced in February in anticipation of sanction on account of its suitability for the employment "of people coming into Madras."

The proper F.T.L. should have been fixed in the report with reference to its height above the sill of the deep sluice, there being no masonry escape to refer to.

(Signed) G. T. WALCH,
Ag. Dy. Chief Engr. for Irrigation,
*for* Chief Engr. for Irrigation.

FORT ST. GEORGE,
11th June 1877.

To the Joint Secretary to Government, Public Works Department, Irrigation Branch.

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No. 62. ORDER THEREON, 15th June 1877, No. 85 I.

THE following estimate from the Mount Range forwarded by the Superintending Engineer, Chingleput, is sanctioned :—

PORUR HISSA TANK.

*Head of Service—Irrigation.*

| Group or Project. | Fund and Main-Head. | Class. | Name of Tank. | Particulars of Work. | Amount. |
|---|---|---|---|---|---|
| | | | | | Rs. |
| ... | Ordinary Agricultural, Irrigation. | Repairs ... | Porur Hissa Tank. | 1. Repairing bund and forming escape. | 1,515 |
| | | | | 2. Repairing five sluices. | 400 |
| | | | | Total... | 1,915 |

To be carried out by the Public Works Department Officer in charge, Mount Range.

2. This sanction has been registered as No. 67 I of 1877-78.

(True Extract.)

Lt.-Col., R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Superintending Engineer, Chingle
„ Collector of Chingleput.
„ Chief Engineer for Irrigation.
„ Examiner of Public Works Acc
„ Revenue Department

Exd. T. D. Ryan.

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26/6

Revenue Department

No. 3056

IRRIGATION.
ACCOUNT.

Govt. of [1877] Madras.

PUBLIC WORKS.

To

The SUPERINTENDING ENGINEER,
CHINGLEPUT,
&c., &c., &c.

Dated June 15th

Issued

Rect. 26 June Encl.

G. O., 15th June 1877, No. 85 I.

JUNE.

Nos. 61-62.

No. 3641
Comm.r to the
Board of Revenue

27 June 77.

*Porur Hissa Tank, Chingleput District.*—Estimate of Rupees 1,915 for repairs to the —, sanctioned.

93 to 4.2 Q Revenue 25-6-77.