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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue

DEPARTMENT

G.O. No.	575	Press.
B.P. No.		Mis.
Dated	23-18-78.	197 .

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

18th February 1878, No. 142 I

Read the following papers:—

No. 52. From Colonel P. O'CONNELL R.E., Superintending Engineer, Chingleput, to the Chief Engineer for Irrigation, dated Camp, Red Hills, 23rd November 1877, No. 3,472.

REFERRING to your remarks relative to the Talaikamanjeri upper tank in your Note No. 115 I, dated 30th July 1877, printed in G.O., No. 214 I, dated 3rd August 1877, I have the honor to reforward the estimates for the repair of that tank for the sanction of Government, and to state that the Range Officer, to whom a reference was made on the subject, reports, after personal inspection of the upper and lower tanks, that the F.T.L. of the former is about 3 feet higher than that of the latter, and that it would involve an expenditure of Rupees 350 in raising the bund of the lower tank 3 feet throughout if the tanks are to be treated as one, or otherwise that the lands under the upper tank which are on a high level would be deprived of their legitimate supply. The Range Officer further reports that any alteration in the present arrangements is likely to be objected to by the villagers cultivating under the upper tank.

No. 52-A. Note by the Chief Engineer for Irrigation.

The Superintending Engineer, Chingleput, forwards, with his letter marginally No. 3,472, dated 23rd November 1877, an estimate in connection with the Talaikamanjeri upper and lower tanks belonging to the Ullagaram group. These tanks are situated in the Sydapet Taluq, No. 2 or 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 ESTIMATES.

Constructing rough stone escarpment	Rs. 92
Repairing bund, also repairing irrigation sluice	360
Improving irrigation sluice	5
Total	457

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

Ayacut area	84 Acres.
Assessment	248 Rupees.
Average revenue	277 "
Highest do.	455 "
Expenditure during the previous year	6 "
Average cultivation per square mile	125 Acres.
The area of the catchment basin	125 miles, of which 125 belongs to the tank.
upper and 625 to the lower tank.	the full flood supply of both tanks is

calculated at 464 cubic feet per second, for discharging which as surplus there is a kalingulah in the lower tank, the length of which is not specified. It is stated that the surplus of the upper tank passes into the lower tank apparently round the end of the bund which divides the two tanks. It is proposed that a flush escape 41 feet in length be constructed in the bund to dispose of the surplus.

The lower tank is stated to have been repaired in 1875-76, and is in good order except that the irrigation sluice and the kalingulah to be converted into a

The bund of the upper tank is to be raised and the water slope turfed. The irrigation sluice of the lower tank is in need of repairs and the plug hole to be enlarged.

The estimates provide for the following improvements.

These estimates were returned by the Superintending Engineer, Chingleput, with the following remarks, viz., that it did not appear advisable to provide "a special restricted opening" between the two tanks to pass the water from the upper into the lower tank, and that it would probably be better to treat the two tanks as one so as to allow the water to pass freely from one to the other, and the surplus of both discharged by an escape in the north end of the bund of the lower tank. The Superintending Engineer in reply states that in consequence of the F.T.L. of the upper tank being three feet higher than that of the lower tank, it would necessitate the raising of the bund of the latter, and would involve an expenditure of Rupees 350, besides which any alteration in the present arrangements is likely to be objected to by the villagers as the high level land would be deprived of its legitimate supply of water. The estimate of continuing to treat the tanks tank twice over, but the amount of the escape, is practically involved.

The following statement is recommended for sanction to the Department.

Name of System or Group.	Distinguishing Number or Letter of Group.	Name of Tank or Channel.	Description.	Main Head.	Class.	Amount of each item.	Amount to be separately accounted for.
Ullagaram Group.	4	Talaikamanjeri upper tank.	Rough	Irrigation.	Original Works.	92	92
			Repairs		Repairs.	360	365
	3	Talaikamanjeri lower tank.	Improving		Repairs.	5	

FORT ST. GEORGE,
4th February 1878.

To the Joint Secretary to Government.

NTGOMERIE, Major, R.E.,
Joint Secy. to Govt., P.W.D.,
for Chief Engineer for Irrigation,
Department, Irrigation Branch.

No. 53.

ORDER THEREON, 18th February 1878, No. 142 I.

The following estimates from the No. 2 or Mount Range, forwarded by the Superintending Engineer, Chingleput, are sanctioned:—

HEAD OF SERVICE—IRRIGATION.

ULLAGARAM GROUP.

Talaikamanjeri Upper and Lower Tanks.

Work.—Constructing rough stone escape.	Original Works	...	92
Repairing bund, also repairing and improving sluice.	Repairs	...	360

Improving sluice and kalingulah.	...	...	5
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To be carried out by the Public Works Department Officer in charge No. 2 or Mount Range.

2. These sanctions are registered as Nos. 349 I and 350 I of 1877-78.

(True Extract.)

Lt.-Col., R.E.,
Joint 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.

Exd S. T. Austin.
Spare Copies

IRRIGATION.

No 920

Govt. of (1878) Madras.

PUBLIC WORKS.

THE SUPERINTENDING ENGINEER,

CHINGLEPUT,

&c. &c. &c.

Dated February 18/78.

Sd/-

Recd. 1st March Encl.

G. O., 18th February 1878, No. 142 L.

FEBRUARY.

Nos. 52-53.

No 575
Comm^d to the
Board of Revenue

2^d March 78

Talukamangeri Upper and Lower Tanks,
Chingleput District.—Sanctions estimates for
works to the —.