

(1) Number of pages 6
(2) Date of repair _____
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	422 (9)	Press Mia.
Dated	7. 2.	1877.

Not to be folded or roughly handled

Read the following :—

No. 61 W.

No. 209. *Note by the Chief Engineer for Irrigation.*

THE Superintending Engineer, Chingleput, forwards, with his letter marginally noted, an Estimate in connection with the Alamady new tank, situated in the Ponnary 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.

Original Works.

	RS.
Forming bund and turfing the same	6,680
Constructing a rough stone floor or escape	320
Do. Irrigation sluice	940
Do. do. tunnel	113
Do. do. channel	1,017
Do. a surplus weir in the Punjum tangle	190
Total	9,260

3. The following particulars of this tank are recorded—

Estimated ayacut area	Acres 164
Do. assessment	Rupees 492

4. It is proposed to construct a new tank at Alamady in lieu of the one submerged by the overflow of the Cholaveram tank.

The area of the catchment basin of the proposed tank is 2 square miles, the maximum flood supply is calculated at 893 cubic feet per second, for discharging which as surplus there is to be a rough stone escape placed with its crest at F.T.L. in the low saddle separating the proposed tank from a pond called the Punjum tangle. The surplus of the proposed tank will flow into the Punjum tangle or pond, and from thence into the Boosykal channel, over a weir which is to be built 109 feet in length.

The Alamady tank will have a masonry irrigation sluice built in it. In connection with the sluice there will be an irrigation channel 4,000 yards in length. In order to form this channel it is necessary to bank up about 200 yards, and to excavate the remainder. The bottom width will be 3 feet with side slopes of 1.5 to 1, and the inclination of the bed will be at the rate of 6 inches per mile. The discharge when full will be about 3.55 cubic feet per second. An irrigation tunnel is also to be constructed across the road to Vulleyar, which crosses the channel 138 yards east of the road tunnel built in the Naramanary tank. The tank bund is to be 2,467 yards in length. The top width will be 1.5 yards, with side slopes of 1.5 to 1 turfed.

The land proposed to be irrigated is 164 acres in area ; it is bounded on the south by the Vulleyar road and a high ridge ; on the east by the Alamady old tank and a low ridge ; on the north by the supply channel of the Cholaveram tank, and on the west by the village boundary.

The estimate provides for forming the bund, constructing a rough stone escape or floor, irrigation sluice and tunnel; also forming an irrigation channel and constructing a surplus weir in the Punjam tangle.

5. The authority of Government for the construction of this tank was conveyed in G.O., No. 623, of 18th June 1873. It forms part of the arrangements made for the compensation of the villagers of Alamady for loss sustained by them in consequence of the submergence of their nunjah lands by the increased water-spread of the Cholavaram tank, which is the upper reservoir of the Madras Water Works. The want of funds for the completion of the project, resulting from the restriction placed by the Government of India on expenditure, has led to much of the delay which has occurred in bringing the estimate forward for sanction.

The raising of the bund, as well as the excavation of the channel, could now be carried out as a famine relief work, and probably 500 persons could find employment there for some three months even if they each did a fair day's work every day.

6. There will doubtless be a number of years during which the supply to the tank will fail to a greater or less extent, and when the full area (calculated to yield a revenue of something over 5 per cent. on the outlay) will not be realized. Nevertheless the case is quite an exceptional one: the tank forms part of the compensation admitted to be due to the villagers, and the matter cannot be looked at from a purely financial point of view. The estimate is recommended for sanction.

FORT ST. GEORGE,
22nd January 1877.

(Signed) A. DE C. SCOTT, Major, R.E.,
Dy. Chief Engr. for Irrigation,
for Chief Engr. for Irrigation.

To the Secretary to Government, Public Works Department.

No. 210. ORDER THEREON, 7th February 1877, No. 422.

IRRIGATION, No. 23.
Account.

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

ALAMADY NEW TANK.
Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Canal or Channel.	Particulars of Work.	Amount.
	Ordinary Agricultural, Irrigation.	Original Works	Alamady New Tank.	1. Bund 2. Escape 3. Sluice 4. Tunnel 5. Channel 6. Weir Total ..	Rs. 6,680 320 940 115 1,317 190 9,260

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

2. This sanction has been registered as No. 304—I. of 1876-77.

(True Extract.)

Lieut.-Colonel, R.E.,
Secretary to Government.

To the District Engineer, Chingleput.

„ Collector of
„ Chief Engineer for Irrigation.
„ Examiner of Public Works Accounts.
„ Revenue Department.

d. S. T. Austin.
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2018-6-73 to 622
 5-1-74-1
 26-2-75-302
 31-3-75-859/3

P. W. Dept.
 25 JAN 77
 NR 712
 From
 The Chief Eng. for Irig.

Dated 22 Jan 1877
 Dept. 24
 No 61-W

Alamady Tank, Chingleput District - note recommending for sanction estimate for Rs. 9260 for the construction of the

25-7-77 62-2-77

S. I. Chingleput ✓
 Collectn ✓
 Ch. En. Irig. Mk II ✓
 Ex. P. W. A. ✓
 Revenue Dept. ✓
 25-9-77

24/10/77
 Form No. 4-A

P. W. Dept.
 No 22
 Proceedings of the Madras Govt.
 Under date the 7th
 Read the following

From
 The Chief Eng. for Irig. (No. 61 W of 22 Jan 1877)

The following Estimate from the
 Mount Range forwarded by the
 Supt. District Engineer, Chingleput
 is sanctioned:—

Alamady new tank

Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Canal, or Channel.	Particulars of Work.	Amount. Rs.
	Ordinary & Agri. - cultural Irrigation.	Original Works.	Alamady new Tank.	1 Bund.	6680
				2 Escape.	320
				3 Sluice.	940
				4 Tunnel.	113
				5 Channel.	1017
				6 Weir.	190

To be carried out by the P. W. Department Officer in charge Mount Range.

Total Rupees 9260

2. This sanction has been registered as No. 304 I. of 1876-77.

Am. 24/1

218-4-73 to 6-12

✓
✓
G.O. of 1877: Madras
PUBLIC WORKS.

To *Mr. D. B. Chingleput*

Dated

Issued

Recd.

Encl.

G. O. of *Mr. Hobb* No. 422

Nos. 209-210

Alamudiyar San San K.
Chingleput D1 The estimate
amounting to Rs 9260 for
certain for certain works
to the — sanctioned.

Sub. to Mr. Hobb