1. Number of paper
2. Date of repair 16 - 8 - 37
3. Initials of Reference

M.R.O. 1—20,000—15-12-36.

MADRAS RECORD OFFICE.

Government of Madras.

Public DEPARTMENT.

G.O. No. 645 Press Mis.

Dated 6 — 11 — 19

Not to be folded or roughly handled

No. 36. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 26th October 1857, No. 4713.

SIR,

1 Letter.
1 Estimate.
1 Plan.

The surplus water of the Vulavanoor tank in South Arcot flows to several villages in the French and English Territories, and the present Division by means of an earth embankment is so imperfect as to lead to frequent disputes.

2. During the monsoon there is water enough for all parties, but when the supply fails, the ryots of Mundagaput in South Arcot endeavour to monopolize it to the detriment of four French villages dependant on the same stream.

3. The District Engineer having Consulted with the Colonial Engineer of Pondicherry, those Officers have agreed to recommend the Construction of a Regulating Dam and Sluice of masonry at a cost of Rupees (900) nine hundred, so divided as to give six parts of the supply to the main channel for the French villages, and one part to the English branch.

4. The works, as planned by both Officers on the spot, seem likely to answer this purpose perfectly, but a cut proposed in the main Dam by the French authorities is omitted by Lieutenant Foord as objectionable.

5. The present bank across the stream is 52 yards wide, and so thickly covered with durbah grass, that it allows the freshes to pass over it without being injured. The masonry Dam is not intended to be higher than the bank, and the bed of the Mundagaput channel will be on the same level as the top of the masonry Dam. These particulars seem to shew that aprons to the Dams are not required.

6. The project appears to me good and efficient, and the rates being found moderate and sufficient, the work is recommended for entry in the Budget of 1858-59.

7. The cost of the whole work is to be borne by the British Government, agreeably to the terms proposed by the Collector of South Arcot and acceded to by the French authorities.

Letter from Captain E. A. FOORD, District Engineer South Arcot; to Colonel C. E. FABER, Chief Engineer, dated Ginjee, 25th August 1857, No. 243.

SIR,

I have the honor to forward for sanction an Ordinary estimate of Rupees 900, for the construction of a Divisional Sluice or Dam across the surplus of the Vulavanoor tank for the proper distribution of the water among certain French and English villages.

2. At present there is a very wide earthen bund across the main channel, thickly planted with Nanul and other grass. By this, the water is turned into the branch channel which waters the lands of Mundagaput an English village in the Cuddalore Talook. The water passing over the Dam goes to the lands of four villages in the French territory. During the monsoon, there is abundance of water in the main and branch channels, but when the supply on the former gets low, the Mundagaput ryots have always endeavoured to obtain the whole of it for themselves by raising the Dam with earth, turf &c. Hence there has been a constant dispute between the ryots and much correspondence on the subject has passed between the Governor of Pondicherry and the Collector of South Arcot. With a view to end this dispute I was requested to meet M. Guerre the Engineer of the French Government to devise some work for the distribution of the water. I accordingly met Mr. Guerre last month on the spot, and we at once decided that the simplest and best way to divide the water would be by building Dams across the main and branch channels with their surfaces at the same level, and as the share of water for the two channels has already been settled to be in the proportion of 6 for the main to 1 for the branch, the lengths between the wing walls of the Dams should be in the same proportion. The work, of which the plan and estimate accompany, has the dimensions fixed, on the spot by Mr. Guerre and myself. He suggested at the time that there should be a cut in the Dam across the main channel and this is also alluded to in the last letter from the Governor of Pondicherry to the Collector. It is how-

ever not shown in my plan nor, can I recommend that it should be made, as it would just reverse the present order of things, and give all the water in the dry season to the French villages, and cause constant disputes. The Collector also agrees with me that there should be no cut in the Dam.

3. I forward this estimate separately and beg to recommend that early sanction be given to it as both the Governor of Pondicherry and the Collector are very anxious that the work should be carried out, with as little delay as possible, in order that the distribution of the water may be made with certainty for the future.

No. 37. ORDER THEREON, No. 2075; dated 6th November 1857.

Agreeably to the recommendation of the Chief Engineer, the Right Honorable the Governor in Council sanctions for entry in the Budget of 1858-59, the estimate submitted with the foregoing letter, amounting to Rupees (900) nine hundred, for constructing a Regulating Dam or Sluice across the surplus of the Vulavanoor tank in the District of South Arcot.

(Signed) H. FORBES,
Acting Secretary to Government.

No. 243.

To

Colonel C. E. Faber
Chief Engineer P. W.

Sir,

I have the honor to forward for sanction an Ordinary Estimate of Rupees 900 for the Construction of a Divisional Sluice or dam across the surplus of the Vulavanoor tanks for the proper distribution of the water among certain French and English villages.

2 At present there is a very crude earthen bund across the main Channel, thickly planted with Tamul and other grass. By this, the water is turned into the branch Channel which waters the lands of Mundagapatt an English village in the Cuddalore Taluk. The water passing over the dam goes to the lands of four Villages in the French territory. During the Monsoon, there is abundance of water in the main and branch Channels, but when the supply on the former fails low, the Mundagapatt ryots have always endeavoured to obtain the whole of it for themselves by raising the dam with earth, turf &c.a. Hence there has been a constant dispute between the

the Report and much Correspondence on the subject has passed between the Governor of Pondichery and the Collector of South Arcot. With a view to end this dispute I was requested to meet M. Guerre the Engineer of the French Government to devise some work for the distribution of the water. I accordingly met M. Guerre last month on the spot, and we at once decided that the simplest and best way to divide the water would be by building dams across the main and branch Channels with their surfaces at the same level, and as the share of water for the two Channels has already been settled to be in the proportion of 6 for the main to 1 for the branch, the lengths between the wingwalls of the dams should be in the same proportion. The works of which the plan and Estimate accompany, has the dimensions fixed, on the spot by M. Guerre and myself. We succeeded at the same time that there should be a cut in the dam across the main Channel and this is also alluded to in the last letter from the Governor of Pondichery to the Collector. It is however not shown in my plan now, but I recommend that it should be made, as it would give reason to the present order of things, and give all the water in the dry season to the French villages, and cause constant disputes. The Collector also agrees with me that there should be no cut in the dam.

3 I forward the Estimate separately and beg to recommend that early sanction be given to it as both the Governor of Pondichery and the Collector are very anxious that the work should be carried out, with as little delay as possible, in order that the distribution of the water may be made with certainty for the future.

I have &c.

Signed C. A. Reade
Dist. Engineer

25th August 1857

Signed A. Cotton, Colonel
Chief Engineer

Comp. HH

Buildings (.....) (New Work)

Abstract of Estimate No. ..... of 1855

District South Arcot

Work Constructing Masonry Dam across the Valavanoor Wm. Surplus Channel in the limits of Mundagapet.

Quantities.	Description of work.	Rate. Rs.	A.	P.	Amount. Rupees.	Amount of each part. Rupees.
C. Yds.						
7407	Cubic Ft. of Brick in Chunam — Ct.	"	1	6	694	
	Excavating foundations &c. —	"	"	"	40	
	Baling and Temporary Dam —	"	"	"	100	
	Sundries —	"	"	"	66	
	Total Company's Rupees —					900

Central Office of P.W.
Fort Saint George
26 October 1857

A. Ed. Taber Colonel
Chief Engineer P.W.

Examined & Recorded
Dy. Chief Engineer

Examined & Recorded
Dy. Chief Engineer

Examined & Recorded
Dy. Chief Engineer

Copy of a letter from the Public Works Department dated 26th October 1857 forwarding an abstract of Estimate for the amount of the Masonry Dam across the Valavanoor Surplus Channel in the limits of Mundagapet.

Recorded

Quantities	Description of work	Rate.			Amount.	Amount of each part.
Co Ft's		Rs	A	P	Rupees.	Rupees.

Enclosure

to a letter

From

The Chief Engineer

S.P.W.

To

The Secretary to Govt.

S.P.W.

Dated Recd 26th October 1857

P.W.D. 26/10/57

No 4713

Abstract Estimate for Constructing a Masonry dam across the Cauvaramur surplus in the limits of Tirumadapuli in the District of South Arcot.

Amounting to Company's Rupees 900--

Central Office S.P.W.
Fort St. George 26. Oct. 1857.

No 4713

From The Chief Engineer

To The Secretary to Government S.P.W.

Sir,

Revenue
Irrigation

Enclosures 3

The surplus water of the Cauvaramur stands in South Arcot flows to several villages in the French and English Territories, and the present diversion by means of an earth embankment is so imperfect as to lead to frequent disputes.

2 During the monsoon there is water enough for all parties but when the supply fails, the ryots of Mundagapet in South Arcot endeavour to monopolize it to the detriment of four French villages dependant on the same stream.

3 The District Engineer having consulted with the Colonial Engineer of Pondicherry, those Officers have agreed to recommend the Construction of a Regulating Dam and sluice of masonry at a Cost of Rupees (900) Nine hundred, to divided so as to give six parts of the supply to the main

main Channel for the French villages, and one part to the English branch.-

4 The works as planned by both Officers on the spot, seem likely to answer the purpose perfectly, but a cut proposed in the main dam by the French authorities is omitted by Lieutenant Stoddy as objectionable.-

5 The present bank across the stream is 52 yards wide, and so thickly covered with durbah grass, that it allows the freshes to pass over it without being injured. The masonry dam is not intended to be higher than the bank, and the side of the Mundagapet Channel will be on the same level as the top of the masonry dam. These particulars seem to shew that options to the dams are not required.-

6 The project appears to me good and efficient, and the rates being found moderate and sufficient, the works is recommended for entry in the Budget of 1858/59.-

7 The cost of the whole works is to be borne by the British Government agreeably to the terms proposed by the Collector of South Arcot and acceded to by the French authorities.-

Fort St. George
26. October 1857.

I have the honor to be
Sir,
Your most Obedient Servant
Wd Foster Colonel
Chief Engineer

To
The Secretary to Government
P. W. D.

cap. LL

From the Chief Engr 27th June/58
Rd 30th 1239 in Cons 16 July

No. 36. & 37.

Cost 25 Nov

c 30

P. Works 1857 Chief
Dept. Engr & Surveyor No. 2111
Forwarded
The Chief Engineer
The Secretary to Government
P. W. D.

Dated 26th October 1857.
Dept. 27th

No. 4713
Encls: 3. Returned Plans &c.

Submits an Estimate amounting to Rs 900 for Constructing a Regulating Dam across the Valavanoor Anicut in the Limits of Kundadgaon in Shiroly Taluk, and Recommends it being carried in the Budget of 1858/59. Rs 2076. 6th Nov.

Noted for Consideration

No 2076

Conceded to the recommendation of the Chief Engineer, the Right Honorable the Governor in Council sanctions, for entry in the Budget of 1858/59, the Estimate enclosed with the foregoing letter, amounting to Rupees (900) Nine hundred, for constructing a Regulating Dam & Sluice across the surplus of the Valavanoor Anicut in the Limits of Kundadgaon

Jon. Gl. Gibbs
6th Nov. 1857

Copies to the Chief Engr Dept.
With Civ. Engr. Enc.