

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2494	Press
B.P. No.		Mis.
Dated	18-9-	1876 195.

Not to be folded or roughly handled

No 181-W.*

No 181-W.

No 296.

THE District Engineer, Cuddapah, forwards, with his letter marginally noted, an estimate in connection with the Goddoo-ganoor tank situated in the Budwail taluq, Sidhout range

2. The nature of the work proposed for execution and the heads of account to which it is chargeable are as follow —

Original Works

Original Works

	Rs
Constructing new stone revetment to the bund	475
Extending the northern weir	270
<i>Repairs</i>	
Repairing the bund and repacking the revetment with old and new stone	1,100
Rebuilding the northern weir	135
Reconstructing two irrigation sluices	310
Total	2,290

3 The following particulars of this tank are recorded —

Ayacut area	.	.. Acres	247	{	Circar	223			
					Inam	24			
Assessment	.	..	.	Rupees	2,526	{	Circar	2,093	
							Inam	433	
Average revenue	.	..	.	"	704	{	Circar	645	
Highest do	.	...	.	.	"	787		Inam	59
Expenditure during the previous four years	.								Not stated

The area of the catchment basin is 9 square miles ; the maximum flood supply is calculated at 2,600 cubic feet per second, for discharging which as surplus there are two rough stone weirs, one at the north end of the bund and the other at the south end ; the former is 90 feet in length, and the latter 72 feet It is proposed to close the southern weir and to rebuild and extend the northern weir 110 feet eastwards, so as to make an effective length of 200 feet available for the surplus discharge This tank has three sluices, one in good order , but the other two, a high level and a low level sluice, are nearly in runs, and it is proposed to rebuild them The sluice shown at cross section 19 is apparently on too high a level to be of much, if any, use The bund also is in very bad order and needs to be raised and sectioned The revetment will be relaid throughout, partly with new stones and extended southward as far as necessary.

4 No explanation is given of the remarkable difference between the ayacut assessment and average revenue of this tank, nor can it be gathered from the report whether or not it is anticipated that the repairs and improvements which it is proposed to carry out will effect any improvement in the cultivation. The above are circumstances which should always be noticed. It is to be noticed that the ayacut

Proceedings of the Madras Government, Public Works Department,
18th September 1876. No 2,494.

assessment is more than 10 Rupees an acre on the ayacut area, and this is unusually high. If the average revenue is in like proportion to the cultivated area, the latter would be under acres which would give less than 8 acres per square mile of drainage basin.

It should be stated when irrigation sluices are designed what area of land they are to supply and the considerations which have led in this case to the proposal to close up the southern weir and to discharge all surplus at the other end of the bund should also have been detailed.

In this instance the experience of the Range Officer who has framed the estimate may perhaps be relied on and the estimate may be passed. The District Engineer should take care that information on doubtful points is obtained from Range Officers before estimates are transmitted for sanction.

OOTACAMUND, (Signed) A DEC. SCOTT, Major, R.E.,
14th September 1876 Dy Chief Engineer for Irrigation,
for Chief Engineer for Irrigation

To the Secretary to Government, Public Works Department

No 297 ORDER THEREON, 18th September 1876, No 2,494.

IRRIGATION, No 32.
Account.

THE following estimate from the Sidhout Range, forwarded by the District Engineer, Cuddapah, is sanctioned —

GODOOGANOOR TANK.
Irrigation.

Group or Project	Fund.	Class.	Name of Tank, Canal, or Channel.	Particulars of Work	Amount
Ordinary Agricultural	Original Works	Repairs	Godooganoor Tank	1 New revetment ...	Rs 475
				2 Northern weir extension ...	270
				3 Repairing the bund and revetment ...	1,100
				4 Northern weir ...	135
				5 Irrigation sluices ...	310

To be carried out by the Public Works Department Officer in charge Sidhout range

2. This sanction has been registered as No. 152-I. of 1876-77.
(True Extract.)

Colonel,
Offg. Under Secy. to Govt., P.W.D.

To the District Engineer, Cuddapah
" Collector of Cuddapah
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Revenue Department.
Exd. E C Shunker
Spare Copies

E I Form No 9

OFFICE OF THE CHIEF ENGINEER
FOR IRRIGATION,

Ootacamund 14th Sept 1876

No 181-W

Note by Chief Engineer for Irrigation

Encls 6 THE District Engineer, Cuddapah

No 481 forwards, with his letter marginally noted, an Estimate in connection
Dated 27th with the Godooganoor Tank situated in the
May 18/76 Badwail Taluq, Sidhout 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 Original Works.
Constructing new stone revetment to the bund — 475
Extending the northern weir — 270
Repairs.
Repairing the bund & repacking the revetment with old & new stone — 1100
Rebuilding the northern weir — 135
Reconstructing 2 Irrigation sluices — 310
Total Rupees 2290

3. The following particulars of this Tank are recorded —

Ayacut area. 247 Acres {Circar 2232 Acres
Assessment. 2526 Rupees {Circar 2093 Rupees
Average revenue. 704 Rupees {Circar 6453 — do —
Highest do. 787 Rupees {Circar 593
Expenditure during the previous four years. Not stated

The area of the catchment basin is 9 square miles, the maximum flood supply is calculated at 2600 cubic feet per second for discharging which, as surplus there ~~is~~ are two rough stone weirs, one at the north end of the bund and the other at the south end; the former is 90 feet in length and the latter 72 feet. It is proposed to close the southern weir and to rebuild and extend the northern weir 110 feet backwards so as to make an effective length of 200 feet available for the surplus discharge. This tank has three sluices, one in good order, but the other two, a high level and a low level sluice, are nearly in ruins, and it is proposed to rebuild them. The sluice shown at cross section 19 is apparently too high above to be of much if any use. The bund also is in very bad order and needs to be raised and sectioned. The revetment will be relaid throughout partly with new stones and extended eastward

as far as necessary. 4. No explanation is given of the remarkable difference between the ayacut assessment and average revenue of this tank, nor can it be gathered from the report, whether or not it is anticipated that the repairs and improvements which it is proposed to carry out will effect any improvement in the cultivation. The above are circumstances which should always be noticed. It is to be noticed that the ayacut assessment is more than 10 Rupees an acre on the ayacut area, and this is unusually high. If the average revenue is in like proportion to the cultivated area the latter would be under acres which would give less than 8 acres per square mile of drainage basin.

It should be stated when irrigation sluices are designed what area of land they are to supply and the considerations which have led in this case to the proposal

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to discharge all surplus at the other
end of the bond should also have
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In this instance the experience of the
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and the estimate may be passed.
The District Engineer should take care
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To
The Secretary to Govt P.W.D.

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Dec 26/0/75

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Gobt. of 1876 Madras.
PUBLIC WORKS.

To

To N. S. Suddapah

Dated

Issued

Recd

Encl

G. O. 1876, No. 494

Nos. 296/97

Goodoogansoor Tank
Andrapali & The
Estimate for certain
works to the
sanction of

7-10-98
N. S. S.