

(1) Number of pages_____

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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2605	Press	<i>Original</i>
~~B.P. No.~~		~~Mis.~~	
Dated	27-9-	1876.	
		~~195.~~	

Not to be folded or roughly handled.

Read the following —

No 193-W.

No 501 *Note by the Chief Engineer for Irrigation*

THE District Engineer, Cuddapah, forwards with his letter marginally noted an estimate in connection with the Joravaripully Jotinayanee tank, situated in the Voilpaul taluq, Madanapully 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		
<i>Original Works</i>		RS
Constructing a masonry weir	..	295
<i>Repairs</i>		
Reconstructing an irrigation sluice	..	205
Repairing the bund	..	90
Total		590

3 The following particulars of this tank are recorded —

Ayacut area	Acres	36	{	Circar	34
				Inam	2
Assessment	Rupees	217	{	Circar	185
				Inam	32
Average revenue		176	{	Circar	171-9-7
				Inam	4-12-6
Highest		222	{	Circar	213
				Inam	9
Expenditure during the previous four years		...			Not stated

The area of the catchment basin is 4 square miles, the maximum flood supply is calculated at 1,132 cubic feet per second, for discharging which as surplus there are two natural escapes, one at the north end of the bund 40 feet in length, and another at the south end 65 feet in length, making an aggregate length of 105 feet. It is proposed to close the southern escape the surplus from which causes damage, and to replace the northern escape with a weir 114 feet in length. There is only one sluice to this tank which is in very bad order and which it is proposed to reconstruct. The estimate also provides for raising and sectioning the bund.

4 The work proposed to be constructed at the north end of the bund is apparently a flush escape, but the outfall as shown in the cross section is very precipitous. The slope below the apron is about 2 to 1, and nothing but rock would stand such a fall. This should be looked to; it is probably a mistake of the draughtsman, but, if not, the design will need revision.

There are three dasabundum tanks lying above this tank which account for the small acreage in proportion to the area of the catchment basin. The three tanks are stated to possess adequate weirs.

Proceedings of the Madras Government, Public Works Department,
27th September 1876. No. 2,605

5. It should have been stated whether there had been expenditure on this tank within the previous four years. The outlay proposed amounts to nearly three and a half-years' average revenue.

The estimate is recommended for sanction

(Signed)

A. DFC SCOTT, Major, R E,
Dy. Chief Engineer for Irrigation,
for Chief Engineer for Irrigation.

OOTACAMUND,
21st September 1876

To the Secretary to Government, Public Works Department

No 502

ORDER THEREON, 27th September 1876, No 2,605

IRRIGATION, No 51.

Account

THE following estimate from the Madanapulley range, forwarded by the District Engineer, Cuddapah, is sanctioned —

JORRAVARIPULLY JOTINAYANEE TANK
Irrigation

Group or Project	Fund.	Class	Name of Tank, Canal, or Channel.	Particulars of Work	Amount
...	Ordinary Agricultural	Original Works	Joravaripully Jotinayane Tank	1 Masonry weir	295
		Repairs		2 Irrigation sluice	205
				3 Repairing the bund	90

To be carried out by the Public Works Department Officer in charge Madanapulley Range

2. This sanction has been registered as No. 161 I of 1876-77.

(True Extract.)

Colonel,

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

To the District Engineer, Cuddapah.

„ Collector of do

„ Chief Engineer for Irrigation

„ Examiner of Public Works Accounts.

„ Revenue Department.

Exd E C Shunler

Spare Copies

E. I. Form No 9

OFFICE OF THE CHIEF ENGINEER

FOR IRRIGATION,

Ootacamund 21 Sept 1876.

No. 193-W.

Note by Chief Engineer for Irrigation

Encl 7

THE

District

Engineer,

Cuddapah

No 588

Dated 9 June 1876.

forwards, with his letter marginally noted, Estimate in connection

with the Joravaripully Jotinayane Tank situated in the Noilpand Taluq, Madanapulley Range.

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

Reconstructing a masonry weir — Rs. 295
Repairing the sluice — Rs. 205
Reconstructing an irrigation sluice — Rs. 205
Repairing the bund — Rs. 90
Total Rs. 590

3. The following particulars of this Tank are recorded —
Ayacut area. 36 acres — Rs. 25
Assessment. 217 Rs. — Rs. 25
Average revenue. 176 Rs. — Rs. 25
Highest do. 222 Rs. — Rs. 25
Expenditure during the previous four years. Rs. 25

The area of the catchment basin is 4 square miles, the maximum flood supply is calculated at 1132 cubic feet per second for discharging which, as surplus there are two natural escapes,

one at the north end of the bund 105 feet in length and another at the south end 114 feet in length, making an aggregate length of 219 feet. It is proposed to close the southern escape the surplus from which causes damage, and to replace the northern escape with a weir 114 feet in length. There is only one place to this tank which is in very bad order and which it is proposed to reconstruct. The estimate also provides for raising and sectioning the bund.

4. The work proposed to be constructed at the north end of the bund is apparently a flush escape but the outfall as shown in the cross section is very precipitous. The slope below the

apron is about 2 to 1 and nothing but rock would stand such a fall. This should be looked to, it is probably a mistake of the draftsman, but if not the design will need revision.

There are 3 Dacabundim tanks lying above this tank which account for the small acreage in proportion to the area of the catchment basin. The 3 tanks are stated to possess adequate weirs.

5. It should have been stated whether there had been expenditure on this tank within the previous four years. The outlay proposed amounts to nearly 3 1/2 years average revenue.

The estimate is recommended for sanction.

Ans. Sato.

Major Lt.
dy. Chief Engineer for Irrigation
for Chief Engineer for Irrigation

To The Secretary to Govt. P.W.D.

B. Lunddabak ✓
Collection - do - ✓
C. & J. I. [unclear] ✓
Ex. V. L. [unclear] ✓
Reuscript ✓

2. This sanction has
been registered as N. 164. I
of 1876-77 Rund

Govt. of 1876 Madras.

PUBLIC WORKS.

To

The District Engineer Cuddalore

Dated

Issued

Recd

Encl

G. O., 27th Sept 1876, No.

Nos. 501-502

Torravari pullu Job
maynee Tank
Cuddalore D.

The Estimate for
certain works to the

— sometimes —

17
20-10-76