

(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.	3115	Press
B.P. No.		Mis.
Dated	20-11	195
		6876

Not to be folded or roughly handled

113

*Proceedings of the Madras Government, Public Works Department,
20th November 1876. No. 3,115.*

Read the following :—

No. 242-W.

No. 367. *Note by the Chief Engineer for Irrigation.*

THE District Engineer, Cuddapah, forwards, with his letter marginally noted, an estimate in connection with the Jarravarypully Kapula 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.

Original Works.

	RS.
Constructing a masonry weir	365
Do. do. anicut across the surplus channel	144
<i>Repairs.</i>	
Repairing the bund	111
Total ...	620

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

Ayacut area	65 Acres	{ Circar 45 Inam 20
Assessment	315 Rupees	{ Circar 184-0-0 Inam 131-0-0
Average revenue	169 "	{ Circar 148-6-5 Inam 21-3-2
Highest do.	204 "	{ Circar 183 Inam 21
Expenditure during the previous 4 years	Nil	

The area of the catchment basin is 5 square miles ; the maximum flood-supply is calculated at 1,336 cubic feet per second, for discharging which as surplus there is at the north end of the bund a rough-stone weir 63 feet in length in a breached condition. The present length being considered insufficient to discharge the surplus, it is proposed to construct a masonry weir 135 feet in length on the site occupied by the damaged weir.

This tank has but one irrigation sluice of modern build constructed of brick and chunam ; but in order to utilize the water that is discharged by means of the sluice, it has to be conducted across the surplus channel which it traverses by the means of a temporary dam or training bank which is formed by the ryots across the bed of the channel, but the channel of late has deepened to that extent that it is a matter of considerable difficulty to construct the bank so as to conduct the water to the ayacut below. The further deepening of the channel will also affect the security of the tank bund which is low and in a weak condition. Under these circumstances, it is proposed to construct a masonry anicut across the surplus channel.

The estimate provides for constructing a masonry weir for the tank, a masonry anicut across the surplus channel, and for raising and strengthening the bund.

Proceedings of the Madras Government, Public Works Department,
20th November 1876. No. 3,115.

The level of the crest of the weir across the surplus channel is too high. The whole length available for discharge of the surplus water is only 122 feet against 135 feet of the tank weir. The convenience of the ryots will be sufficiently provided for if the dam crest be placed 18 inches to 2 feet lower, they can then place a mud dam on the crest of the masonry dam and so obtain a supply without difficulty.

The estimates are recommended for sanction.

FORT ST. GEORGE, (Signed) JOHN MULLINS, Lt.-Col., R.E.,
9th November 1876. Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department.

No. 368. ORDER THEREON, 20th November 1876, No. 3,115.

IRRIGATION, No. 34.	THE following estimate from the
Account.	Madanapully range, forwarded by the
	District Engineer, Cuddapah, is sanctioned.

JARRAVARYPULLY KAPULA TANK.
Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Canal, or Channel.	Particulars of Work.	Amount.
	Ordinary Agricultural.	Original Works..	Jarravarypully Kapula Tank.	1. Weir	Rs. 365
		Repairs		2. Anicut	144
				3. Repairing the bund.	111
				Total ..	620

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

2. This sanction has been registered as No. 179-I of 1876-77.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the District Engineer, Cuddapah.
" Collector of "
" 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,

Fort Saint George 9 Nov 1876.

No. 242 W.

Note by Chief Engineer for Irrigation.

Inclm 5 THE District Engineer, Cuddapah
forwards, with his letter marginally noted, an Estimate in connection
No. 1476 with the Jarravarypully Kapula Tank situated in the
dated 7 Oct/76 Palpand 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
Original Works:
Constructing a masonry weir Rs. 365
do do ancient across the
surplus channel 144
Repairs
Repairing the bund 111
Total Rupees 620

3. The following particulars of this Tank are recorded—

Ayacut area. 65 Acres --- { Circar 45. : } Acres
Assessment. 315 Rupees --- { Circar. 134. : } Rupees
Average revenue. 169 Rupees --- { Circar 131. : } Rupees
Highest do. 204 Rupees --- { Circar 140. 6. 5. 2. } Rupees
Expenditure during the previous four years. Nil

The area of the catchment basin is 8 square miles; the maximum flood supply is calculated at 1336 cubic feet per second for discharging which, as surplus there is

at the north end of the bund a rough stone weir 63 feet in length in a breached condition. The present length being considered insufficient to discharge the surplus it is proposed to construct a masonry weir 135 feet in length on the site occupied by the damaged weir.

This tank has but one irrigation sluice of modern build constructed of brick and chunam, but in order to utilize the water that is discharged by means of the sluice it has to be conducted across the surplus channel which it traverses by the means of a temporary dam or training bank which is formed by the ryots across the bed of the channel, but the channel of late has deepened to that extent that it is a matter of considerable difficulty to construct the bank so as to conduct the water to the dykes below. The farther deepening of the channel will also affect the security of the tank bund, which is low and in a weak condition. Under these circumstances it is proposed

to

3B
to construct a masonry weir across the surplus channel.

The estimate provides for constructing a masonry weir for the tank, a masonry weir across the surplus channel, and for raising and strengthening the bund.

The level of the crest of the weir across the surplus channel is too high. The whole length available for discharge of the surplus water is only 122 feet against 135 feet of the tank weir. The convenience of the ryots will be sufficiently provided for if the dam crest be placed 18 inches to 2 feet lower they can then place a mud dam on the crest of the masonry dam and so obtain a supply without difficulty.

The estimates are recommended for sanction.

William St. John A.E.
Chief Engineer for Irrigation

To
The Secretary to Government
Public Works Department

W.E.

C.M.S.

1876 P.W.D.
10MV76
NR 8141

From
The Chief Engineer for Irrig.
To
The Secretary to Govt.
P. W. D.

Dated 9th Nov. 1876.
Recd. 18th Nov. 1876.
Encls. 9
N. 242-W.

Joravarypully Kapula Tank -
Cuddapah District - Note
recommending for sanction
estimate for Rs. 620 for certain
works & repairs to the —.

No 3115 d/20th Nov. 76 P. W. Dept.
E. I. Form No. 4-A. Proceeding of the Madras Government
Read the following -

From
The Chief Eng^r for Irrigation (H. E. No 242 W 9th Nov. 1876)

The following Estimate from the
Madanapally range, forwarded by the
District Engineer, Cuddapah.
is sanctioned:—

Joravarypully Kapula Tank.
Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Cans., or Channel.	Particulars of Work.	Amount. Rs.
	Ordinary Agricultural	Original works.	Joravarypully Kapula Tank	1 st 1000. 2 nd Amount.	365 144
		Repairs		3 rd Repairing the head	111

To be carried out by the P. W. Department Officer in charge of the range.

Total Rupees 620-00

2. This sanction has been registered
as No. 179 I. of 1876-77

Sd/- Cuddapah
Collector of do
for Irrig. with 9 Bund. P. W. Dept.
Sd/- H. E. No 242 W 9th Nov. 1876
Revenue Dept. Cuddapah
10/11
12-76

Chief

FULL PAGE

The H. & C. Co. ~~Edwards~~

James

37 (216)

Expt

G. O. 207 Nov 2 1878, No

3116

367-368

Jarra Warakully Rakulas
 Sank Chidabak Sri

Estimate of: R. S. Co. for
repairs to the - San Antonio