

(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. *463 (2)* Press
B.P. No. Mis.

Dated *21.2.* 18 *76*

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
21st February 1876.*

Read the following :—

No. 176.

No. 365. *Note by the Chief Engineer for Irrigation.*

The following estimate from the Madanapully Range is forwarded by the District Engineer, Cuddapah, with his letter marginally noted :—

Taluq. Estimate No. Work. Amount.
187 .
Kadary. ... Nullacheroovoo Cottacheroovoo tank ... 100

2. The financial and hydraulic details of the Irrigation Works concerned are exhibited in the following statement :—

I.—Financial Details.

Name of Work.	Ayacut Area.	Assessment.	Average Revenue for 5 years.	Highest Revenue for 5 years.	Expenditure during previous 4 years.	AMOUNT OF ESTIMATE.		
						Capital.	Revenue.	Total.
Nullacheroovoo Cottacheroovoo Tank ...	ACRES. 75	RS. 219	RS. 44	RS. 53	RS. ...	RS. ...	RS. 100	RS. 100

II.—Hydraulic Details.

Name of Work.	Catchment Basin Area.	MAXIMUM SUPPLY.		LENGTH OF ESCAPE.		AVERAGE HEIGHT OF BUND.		Surplus discharge at M.T.L. per Sec.	Tanks above.
		Catchment per Second.	Channel Second.	Total.	Effective.	Above F.T.L.	Above M.T.L.		
Nullacheroovoo Cottacheroovoo Tank ...	SQ. M. 6	C. FT. 760	C. FT. ...	FT. W. 72 W. 102	FT. 72 102	FT. 4	FT. 2.25	C. FT. 560 793	No. 1

NOTE.—The proposed dimensions of escapes and heights of bund are printed in large type. The existing dimensions in small type. The following abbreviations are used :—C. Catchment with dam stones. W. Weir with flush crest. E. Escape at ground level. B. Bund of tank.

3. The following is a summary of the work proposed to be carried out :—

The bund and north weir of the above-mentioned tank were damaged by the rains of October 1874. The estimate submitted provides for repairing the bund and weir.

4. It has not been explained to what cause the great difference between the ayacut and average revenue is due. The catchment basin of the tank is 6 square miles and is large enough to supply water for the irrigation of 200 to 250 acres. If the small actual revenue is due to the two tanks above absorbing nearly all the supply, it should have been so stated, and the District Engineer should have noticed

Proceedings of the Madras Government, Public Works Department,
21st February 1876.

whether the ayacut could not be brought under one of the upper tanks. Marked differences between ayacut and average revenues should always be explained.

FORT ST. GEORGE,
11th February 1876.

(Signed) A. DEC. SCOTT, Major, R.E.,
for Chief Engineer for Irrigation.

No. 366. ORDER THEREON, 21st February 1876, No. 463.

IRRIGATION, No. 40-A.
Account.

The following estimate for work in the Madanapully Range, forwarded by the District Engineer, Cuddapah, is sanctioned:—

- | | |
|---|---------|
| Repairing the Nullacheroovoo Cottacheroovoo Kadary Tank | Rs. 100 |
| 2. Attention should be given to the remarks on the estimate. | |
| 3. This sanction has been registered as No. 10 I. of 1875-76. | |

(True Extract.)

- To the District Engineer, Cuddapah.
- „ Collector of do.
 - „ Chief Engineer for Irrigation.
 - „ Examiner of Public Works Accounts.
 - „ Revenue Department.

I. Form No. 1.

OFFICE OF CHIEF ENGINEER FOR IRRIGATION,

Fort Saint George, Madras, 11th Feb. 1876.

Note by the Chief Engineer for Irrigation.

No. 1895

Dated 6th Dec 1875.

The following Estimates from the Madanapully Range forwarded

by the

District

Engineer,

Cuddapah,

with his letter

9 Enclosures

marginally noted:—

Taluq.	Estimate No.	Work.	Amount.
	187		Rs.
Kadary		Nullacheroovoo Cottacheroovoo Tank	100

2. The Financial and Hydraulic details of the Irrigation works concerned are exhibited in the following statement:—

1.—Financial Details.

Name of Work.	Ayacut Area. Acres.	Assessment. Rs.	Average Revenue for 5 years. Rs.	Highest Revenue for 5 years. Rs.	Expenditure dur- ing previous 4 years. Rs.	Amount of Estimate.		
						Capital. Rs.	Revenue. Rs.	Total Rs.
Nullacheroovoo Cotta- cheroovoo Tank.	75	219	44	50	Nil.		100	100

II.—Hydraulic Details.

Name of Work.	Catchment Basin Area.	Maximum Supply.		Length of Escape.		Average Height of Band.		Surplus discharged at M. T. L. per Sec.	Tanks above.
		Catchment per Second	Channels per Second	Total.	Effective.	Above F. T. L.	Above M. T. L.		
	Sq. M.	C. ft.	C. ft.	Ft.	Ft.	Ft.	Ft.	C. ft.	No.
Mullacherovoo Cotta- cherovoo Tank.	6	760	lit.	72	72	4	2.25	560	2

NOTE.—The proposed dimensions of escapes and heights of band are entered in red. The existing dimensions in black. In the MS. the entries in red denote proposed dimensions. The following abbreviations are used:—C.—Cullingulah with dam stones. W.—Weir with flush crest. E.—Escape at ground level. B.—Band of tank.

3. The following is a summary of the work proposed to be carried out—

The bund and North weir of the above mentioned tank were damaged by the rains of October 1894. The estimate submitted provides for repairing the bund and weir.

4. It has not been explained to what cause the great difference between the Ayacut and average revenue is due. The Catchment basin of the Tank is 6 square miles and is large enough to supply water for the irrigation of 200 to 250

acres. If the small actual revenue is due to the two tanks above absorbing nearly all the supply, it should have been so stated, and the District Engineer should have noticed whether the Ayacut could not be brought under one of the upper tanks. Marked differences between Ayacut and average revenues should always be explained.

W. S. S. S.

Major R. E.

For Chief Engineer, for Irrigation.

To

The Secretary to Government
Public Works Dept.

W. S. S. S.

FORMER CASES.

Current No. of 187
 " " " " " " " " " " " "

M. WORKS FORM No. 3.

Current No. 1241

From

The Chief Engr for
 Irrigation.

No. 176

Dated 11th

Feb.

1876.

Recd. 18th

Subject:—

Note on Estimate for
 repairing Mund and waste weir
 of Mullacheruvu bottacheruvu
 Paulk. Buddapah District

ENCLOSURES. 9

From

to

GO. No 463. 21. 2. 76
 Orders and Proceedings in file.

Depart- ment.	No.	Date.	ENDORSEMENTS.		
			Depart- ment.	No.	Dated.

Noted Public Works Dept

Proceedings of the Madras Government

Under date the 21 Feb 76

Read the following:—

From the Chief Engineer
 for Irrigation

(O.S. No 176 dt 11 Feb 1876)

The following estimate for
 work in the Madanapally Range,
 forwarded by the District Engineer,
 Buddapah, is sanctioned.

Repairing the Mullacheruvu
 bottacheruvu Kadary Tank. Revenue
 (Repairs) Rs. 100

Attention should be given to
 the remarks on the estimate.
 This sanction
 has been registered
 as Sanction No 107
 of 1875-76.

[Signature]

D. S. Buddapah
 Collector do
 Ch. for 1 with 9 Orig Enclosures
 Comd. P. W. D.
 Rev. Dept
 7. 3. 76

365

Gen 18-2-76

1081
No. 118761 Madras.
PUBLIC WORKS.

S. Cuddapah

22/2/76
Not passing
M. L. S. 23/76

21 Feb. 1876, No. 403

Rs. 365-300

Stallucherry Cottencher
ooooo Tank, Cuddapah
Estimate of
Rs 100 for repairing the road
& water tank of the
Sanctioned.