

(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.	1370.	Press
B.P. No.		Mis.
Dated	1-6-	1876.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
1st June 1876.*

Read the following :—

No. 53 W.

No. 28. *Note by the Chief Engineer for Irrigation.*

No. 11, dated 7th April 1876. THE Officiating District Engineer, Kurnool, forwards with his letter marginally noted an estimate in connection with the Markapur Tank situated in the Markapur taluq, Cumbum range.

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

Constructing a surplus weir and closing the natural escape. Capital—	rs.
Ordinary	3,120
Repairing the bund and sluice. Revenue—Repairs	1,200
	<u>4,320</u>

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

Ayacut area	Acres	567
Assessment	Rupees	4,812
Average revenue	"	2,847
Highest do.	"	5,051
Expenditure during the previous four years	"	5,969

The area of the catchment basin is 30 square miles ; the maximum flood supply is calculated at 5,428 cubic feet per second for discharging which as surplus there are at present two outlets, a natural escape with 60 feet waterway at the west end, and a weir 81 feet long at the east end. These escapes are altogether inadequate, and it is stated that the escape at the west end occasions loss of water whereby the area of irrigation is diminished and the revenue suffers, but the longitudinal section does not indicate this. It is intended to close the natural escape and to discharge all surplus at a weir 538 feet long which is to occupy a site of which the present 81 feet weir forms a part. This weir is shown in the estimate as to—

	RS.	A.	P.	RS.	A.	P.
Cost				2,150	0	0
But the following subsidiary works are a part of its cost and should be included therein :—						
Embankments behind wings	79	9	6			
Tamping embankments	13	4	3			
Excavating channel in front of escape... ..	423	2	4			
Removing bund at escape site	157	4	0			
Sundries and superintendence	56	11	11			
				730	0	0
Closing natural escape				240	0	0
				<u>3,120</u>	<u>0</u>	<u>0</u>

*Proceedings of the Madras Government, Public Works Department,
1st June 1876.*

4. The other works of the estimate are—				RS.	A.	P.	RS.	A.	P.
1. Repairs, earthworks	...	...	...	96	5	9			
Sundries, &c.	...	...	...	7	10	3			
2. Repairing a sluice	...	...	...				104	0	0
3. Gravelling the bund	...	...	...	667	2	7	370	0	0
Sundries, &c.	...	...	...	58	13	5			
							726	0	0

The first two of the above items are the only repair works, and together amount to Rupees 474.

5. The gravelling of the bund is reported to be necessary, because the village is so situated that the cattle have to use the bund as a roadway, and the constant traffic has made it very irregular. Before, however, a fourth of the average revenue is spent upon work of this kind, the circumstances should be more fully explained and a sketch of the locality furnished, and the proposition should be further supported by the Collector's opinion that this work should be carried out by Government without any contribution from the villagers on whom should, it would seem, fall the obligation of making good damage caused by their cattle.

6. The improved arrangements for the disposal of surplus do not come properly under the definition of Minor New Works, neither can the small district grant provide for them; they form a Major Work which should be entered in the Budget Estimate for next year.

7. The following, therefore, are the recommendations for sanction made in this note:—

							RS.
Repairs to bund	...	...	...	...	...	...	104
Do. to sluice	...	...	...	...	...	...	370
Total							474

For entry in the Budget of 1877-78—

Constructing new surplus weir 3,120

8. The District Engineer has furnished no particulars of the work done by the expenditure of Rupees 5,969 on the tank in the last four years, and this omission should be made good. It is always necessary to afford full information when the expenditure on maintenance of Irrigation Works is shown to be abnormally great.

20th May 1876.

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

To the Secretary to Government, Public Works Department.

No. 29.

ORDER THEREON, 1st June 1876, No. 1,370.

IRRIGATION, No. 3.

Account.

THE following estimates from the Cumbum range, forwarded by the Officiating District Engineer, Kurnool, are sanctioned:—

*Proceedings of the Madras Government, Public Works Department,
1st June 1876.*

Markapur Tank.

For entry in the Budget of 1877-78—				RS.
No. $\frac{88-1}{1}$ of 1876-77. Constructing a surplus weir and closing the natural escape. Capital—Ordinary...	...	...	...	3,120
For execution from district grant for Repairs—				
No. $\frac{88-1}{2}$ of 1876-77. Repairing the bund and sluice—Revenue I.B.,				
Maintenance and Repairs ...	...	...	...	474
Total ...				3,594

2. These sanctions have been registered as shown above.

3. The District Engineer will supply the information referred to by the Chief Engineer for Irrigation regarding the results of the previous outlay on this tank.

4. The disposal of the part of the estimate providing for gravelling the bund will be deferred pending a further report.

(True Extract.)

Colonel,

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

To the District Engineer, Kurnool.

„ Collector of do.
„ Chief Engineer for Irrigation.
„ Examiner of Public Works Accounts.
„ Revenue Department.

Exd. E. C. Shunker.

Spare Copies

OFFICE OF THE CHIEF ENGINEER

FOR IRRIGATION, 20 May 1876.

No. 53 W.

Note by Chief Engineer for Irrigation.

Encls. 6

THE Officiating District Engineer, Kurnool

forwards, with his letter marginally noted, an Estimate in connection

No. 11 April with the Markapur Tank situated in the
 Dated 7 April 1876. Markapur Taluq. Kurnool Range.

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

Constructing a surplus weir and closing the natural escape	3120
Capital ordinary	
Repairing the bund and sluice	1200
Revenue Repairs	
<u>Ruppes</u>	<u>4320</u>

3. The following particulars of this Tank are recorded—

Ayacut area.	567 Acres.
Assessment.	4812 Ruppes
Average revenue.	2847 Ruppes
Highest - do.	5057 Ruppes
Expenditure during the previous four years.	5949 Ruppes

The area of the catchment basin is 30 square miles; the maximum flood supply is calculated at 542.8 cubic feet per second for discharging which, as surplus there are at present two outlets a natural escape with 69 feet waterway at the west end and a weir 81 feet long at the east end. These escapes are altogether inadequate, and it is stated that the escape at the west end occasions loss of water whereby the area of irrigation is diminished and the revenue suffers, but the longitudinal section does not indicate this. It is intended to close the natural escape and to discharge all surplus at a weir 538 feet long which is to occupy a site of which the present 81 feet weir forms a part. This weir is shown in the estimate as to cost Rupees ————— 2150 but the following subsidiary works are a part of its cost and should be included therein.

Embankments behind wings — 79.9.6

79.9.6 2150

79.9.6 2150
 Jamming embankments 13.4.3
 Excavating channel in front of escape — 423.2.4
 Removing bund at escape site — 157.4.
 Sundries & Superintendence — 56.11.11 730
 Closing natural escape ————— 240
 3120

4. The other works of the estimate are

1. Repairs, earthworks Rs 96.5.9
 Sundries & ————— 7.10.3 104....
 2. Repairing a sluice ————— 370....
 3. Graveling the bund — 667.2.7
 Sundries & ————— 58.13.5 726....

The first 2 of the above items are the only repair works, and together amount to Rupees 1474.

5. The graveling of the bund is reported to be necessary because the village is so situated that the cattle have to use the bund as a roadway, and the constant traffic has made it very irregular. Before, however,

a fourth of the average revenue is spent upon work of this kind, the circumstances should be more fully explained and a sketch of the locality furnished, and the proposition should be further supported by the Collector's opinion that this work should be carried out by Government without any contribution from the villagers on whom should, it would seem, fall the obligation of making good damage caused by their cattle.

6. The improved arrangements for the disposal of surplus do not come properly under the definition of minor work. Nor, neither can the small District grant provide for them; they form a major work which should be entered in the Budget estimate for next

year.

7. The following therefore are the recommendations for sanction made in this note.

Repairs to bund—Rs 104

—do— to sluice— — 370

Total Rupees 474

For entry in the Budget of 1877-78.

Constructing new surplus weir No. 3120.

8. The District Engineer has furnished no particulars of the work done by the expenditure of Rupees 5,969 on the tank in the last 4 years, and this omission should be made good. It is always necessary to afford full information when the expenditure on maintenance of irrigation works is shown to be abnormally great.

A. H. Scott

Major R. E.

Dy. Chief Engineer for Irrig.
for Chief Engr. for Irrigation

To The Secretary to Govt P.W.D.

FORMER CASES.

No. 1110R of 1876.

" "

Issue No.

Dated

LATER CASES.

No. of 187

" "

Sent to Government with No.

187

W. of

Printed with G. O. No.

dated

REMINDERS ISSUED.

No. 1, dated	187
" 2, "	"
" 3, "	"
" 4, "	"
" 5, "	"

KEEP-WITNES.

Civ 27/5/76. Para 1-6-76
O.L. 58. May.

Issue Case.

I. E. Form No. 81.

P. W. 1876. Department
The Chief Engineer for Irrigation

RECEIPT No.

53W
Dated 20 May 1876.
Received 5 June 1876.

Subject:—

Markapur Tank
Kurnool District. —
Submits for sanction
plan & estimate for
repairing & improving
the —

ENCLOSURES.

6

E. I. Form No. 22.

Civ

N^o 1370.

Public Works Department.

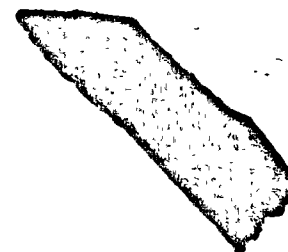
PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the

1st June/76.

READ the following:—

From the Chief Engineer for
Irrigation { N^o 53W of 20 May/76 }



The following estimates
from the Kurnool Range
forwarded by the Dy.
District Engineer, Kurnool,
are sanctioned.

Markapur Tank.

For entry in the Budget of 1877-78.

N^o 387 of 1876/77 Constructing a surplus weir. Irrigation.
and closing the natural
escape — Capital Ordinary Rs. 3,120
For execution from District grant for
repairs.

N^o 387 of 1876/77 Repairing the bund and sluice.
IB. Maintenance and
Revenue Repairs — Rs. 474

Total Markapur 3,594

2. These sanctions have
been registered as

as shown above
~~20⁵⁰⁰ 28.1 of 1876 77~~

3. The District Engineer will supply the information referred to by the Chief Engineer for Irrigation, regarding results of the previous outlay on this tank.

4. The disposal of the part of the estimate providing for gravelling the bund will be deferred pending a further report.

2216 by 26/5

APR 28-29

52/6
D. E. Munnick
Collector - do - ✓
C. E. for J. with 6 Encl ✓
R. A. W. ✓
Recd Sept - ✓ Sep 16/8

39661

Gobt. of 1876 Madras.

PUBLIC WORKS.

To

The M. L. Kurnool

Patent

Time

Recd

Encl.

G. O., 1370 1876, No. 1370

Hos.

Markapur Tank, Kurnool
Str... Sanctioning
Estimate of Rs: 3,594 for
repairing & improving
the ——— sanctioned

Ent. in Rs.
17-5-46