M.R O. 1—10,006—23-2-50

(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. / ~~B.P. No.~~	1375	Press / ~~Mis.~~	
Dated	14-5-	1875 / ~~195~~	

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 14th May 1875.

Read the following —

No 440.

No. 312. *Note by the Chief Engineer for Irrigation*

No 12, 3rd March 1875

THE following estimates have been submitted by the District Engineer, Kurnool.

Repairing the Narrainapuram Brahmana Tank ...	Rupees	2,460
Ayacut area	Acres	172
„ assessment	Rupees	940
Average revenue	„	1,091
Highest „	„	1,305

The tank was repaired in 1872-73, and the outlay on repairs in the last four years has been Rupees 507

The catchment basin is reported to be ten square miles, and there is also a supply channel from the Maddelairu The existing means of disposing of surplus are natural escapes 50 feet in length, which are to be extended to 316 feet Certainly additional capacity is much required in these, but it is very doubtful whether soil which can be excavated for 1 Anna a cubic yard is sufficiently hard to prevent erosion and loss of water A pavement would seem to be necessary

If the bund be made $4\frac{1}{2}$ feet above full tank level instead of 5 feet the margin will be sufficient

It is not necessary to allow for shrinkage, and deducting this the estimate may be passed for Rupees 2,300 The rate $1\frac{1}{2}$ Annas a cubic yard for earthworks appears to be high, but the data are not mentioned

2 Iyalur South Tank, Rupees 2,250

Ayacut area	Acres	$49\frac{1}{2}$
„ assessment	Rupees	284
Average revenue ... ... „		399
Highest „ . .. . . „		652

No repairs have been executed in the last four years, and the date of last repair is unknown

The catchment basin is four square miles, and the tank is supplied also from the Palairu and by a small stream called Pandivanicalwa As this latter appears to fall directly into the tank its catchment basin is a part of that of the tank.

There is a masonry calingulah $48\frac{1}{2}$ feet long, and it is intended to provide for the discharge of surplus over the ground at the south-east end of the bund; the length here to be 438 feet *If the soil be suitable, and if this natural escape be 6 inches or so above F T L, the arrangement will be efficient, but judging from the rate of 1 Anna allowed for forming this escape, it is probable that a pavement will be needed. The supply channel should be brought under regulation, and probably the Palairu will need embanking The tank commands the Madras Irrigation and Canal Company's Canal, and as it is considered by the local officers that it should be retained, it must be put into safe order

3 Iyalur small or north Tank, Rupees 1,470

Ayacut area	Acres	22
„ assessment	Rupees	126
Average revenue	„	289
Highest „	„	452

Proceedings of the Madras Government, Public Works Department,
14th *May* 1875.

There have been no repairs executed for many years

The circumstances of the water-supply of this tank are similar to those of the south tank The present natural escape of 20 feet is to be extended to 486 feet, and at any rate the tank will thus be prevented from breaching, but a pavement would seem to be necessary for at least part of the length at F. T. L., the remainder being 6 inches higher

OOTACAMUND, 29*th April* 1875.

(Signed) JOHN MULLINS, Lieut.-Colonel, R E,
Chief Engineer for Irrigation.

No 313. ORDER THEREON, 14th May 1875, No 1,375

IRRIGATION, No 32

THE following tank repair estimates of the Kurnool District are sanctioned —

	RS
Narrainapuram tank	2,300
Iyalur south tank	2,250
Do north small do	1,470

2 The remarks of the Chief Engineer for Irrigation should receive attention.

(True Extract)

Major, R E,
Offg Joint Secretary to Government.

To the District Engineer, Kurnool.
„ Chief Engineer for Irrigation, with five Enclosures.
„ Controller of Public Works Accounts.

Exd. W J Lewis.

Spare Copies

5

№ 440

Note by the Chief Engineer for Irrigation -

№ 12 - 3d March 1875

The following estimates have been submitted by the District Engineer Kurnool

Repairing the Narrainapuram Brahmana tank, Rupees 2460

Ayacut Area acres 172
" Assessment Rupees 940
Average Revenue " 1091
Highest — do — " 1305

The tank was repaired in 1872-73 and the outlay on repairs in the last 4 years has been Rupees 507

The catchment basin is reported to be 10 square miles, and there is also a supply channel from the Maddelairu - The existing means of disposing of surplus are natural escapes 50 feet in length which are to be extended to 316 feet - Certainly additional capacity is much required in these, but it is very doubtful whether soil which can be excavated for 4 anna a

cubic yard is sufficiently hard to prevent erosion and loss of water. A pavement would seem to be necessary.

If the bund be made 4½ feet above full tank level instead of 5 feet the margin will be sufficient.

It is not necessary to allow for shrinkage and deducting this, the estimate may be passed for Rupees 2,300. The rate 1½ annas a cubic yard for earth works appears to be high, but the data are not mentioned.

2. Iyalur South Tank Rupees 2,250

Ayacut Area	acres	44½
" Assessment	Rupees	284
Average Revenue	"	399
Highest — do —	"	652

No repairs have been executed in the last 4 years, and the date of last repair is unknown.

The catchment basin is 4 square miles and the tank is supplied also from the Palaiur and by a small stream called Pandavanir Kalwa. As this latter appears to fall directly into the tank its catchment basin is a part of that of the tank.

There is a masonry calingulah 48½ feet long and it is intended to provide for the discharge of surplus over the ground at the South east end of the bund, the length here to be 438 feet. If the soil be suitable, and if this natural escape be 6 inches or so above F.T.L. the arrangement will be efficient, but judging from the rate of 1 anna allowed for forming this escape it is probable that a pavement will be needed. The supply channel should be brought under regulation and probably the Palaiur will need embanking. The tank commands the Meadows Irrigation and Canal Company's Canal and as it is considered by the local Officers that it should be retained it must be put into safe order.

3. Iyalur Small or North Tank Rupees 1470

Ayacut Area	acres	22
" Assessment	Rupees	126
Average Revenue	"	289
Highest — do —	"	452

There have been no repairs executed
for many years.

The circumstances of the water supply
of this tank are similar to those of the
South tank. The present natural escape
of 20 feet is to be extended to 486 feet,
and at any rate the tank will thus
be prevented from breaching, but a
pavement would seem to be necessary
for at least part of the length at
F.T.L, the remainder being 6 inches higher.

Recommd. Lt Col RE

29th April 1875. Chief Engr for Irrign

To
The Secretary to Government
P. W. Department

P.W.D. 1875 Dec
No 2993.
No 440 /5

From
The Chief Engineer
for Irrigation
To The Secretary to
Government
P.W.D.

Dated 29th April
Received 5th May
1875

Enclosure 5
Do. No. 375. 14-5-75.
Note on Estimates
for repairs to the
Narrayanapuram
Brahmin & Iyalur
Tanks - Kurnool
District.—

No 312

7-5-75

P.W.D.

From the Chief Engineer
for Irrigation
To the Secretary to
Government
P.W.D.

Read the following:-

Letter from the Chief Engineer for Irrigation } C.E. No. 440 dated 29th April 1875
No. 1875 dated 14th May 1875

The following tank
repair estimates of the
Kurnool District are sanc
tioned.

Narrainapuram Tank	Rupees	2,30
Iyalur South — do —	"	2,25
do North or Small — do —	"	1,470

2. The remarks of the
Chief Engineer for Irriga
should receive attention.

Govt.

To E. Kurnool
" Collr for Irrg with five Enclosures
" Engr. for Irrg
S-C dated 25-5-75.

1993

Govt. of {1875} Madras.

PUBLIC WORKS.

To The Chief Engr. Kurnool

Dated

Recd Encl

G O, 14 May 1875, No 1315

Nos. 312 - 313

Tanks in the Kurnool District. — Estimates for the repair of certain ——, sanctioned with remarks.

amounting to Rs. 8,020