Public Works (1896) Department.

G.O., No. 4 I

DATED 3-1-96

[Despatch Abstract.]

Chidmala tank: Estimate of Rs 2,660 for improving —, Nellore Dn., sanctioned.

[P. W. 25.
1,000—28-10-95]

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

IRRIGATION.
ACCOUNT.

Govt. of {1896} Madras.
PUBLIC WORKS.

Dated January, 3rd.

Recd. *Encl.*

G.O. No. 4 I., 3rd January 1896.

JANUARY.

Chidmala Tank

Estimate of Rs. 2,660 for improving —, Nellore division, sanctioned.

No. 4 I., 3rd January 1896.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

Read—the following papers:—

From the Superintending Engineer, II Circle, dated 12th June 1895, No. 194 N.L.
To the " " " 15th " " " 25 "

From A. S. RUSSELL, Esq., Officiating Superintending Engineer, II Circle, to the Chief Engineer for Irrigation, dated 21st October 1895, No. 422 N.L.

With reference to your memo. No. II/25 N.L., dated 15th June 1895, I have the honour to resubmit the estimate, amounting to Rs. 2,660, for "improvements to Chidmala tank" in the Nellore division, together with a copy of letter No. 287 S.E., dated 12th instant, from Executive Engineer, Nellore, which gives the information you require.

Enclosures.

Report to accompany the plans and estimates for improving the Chidmala Tank (No. 218 of the list of Minor Irrigation Works, Public Works Department).

	RS.
Amount of estimate	2,660

This is a rainfed tank belongs to the Yerur group of tanks in Gudur taluk. Of the two upper tanks to this, one is the Pidathalapudi tank in good order, and the other a shrotriem tank which requires repairs. The catchment basin of the tank is 4·0 square miles. The discharge for this area with a coefficient 450 is 947 cubic feet a second. To dispose of this surplus with a head of 2 feet over crest 100 feet of weir is required.

$$
\begin{aligned}
AD &= CM^{\frac{2}{3}} - CM^{\frac{3}{3}} \\
&= 450\,(4{\cdot}0)^{\frac{2}{3}} - 90\,(3)^{\frac{3}{3}} \\
&= 947.
\end{aligned}
$$

The tank has no masonry escapes for discharging the surplus and the same is now being done by cuts at both the ends of the bund.

It is proposed to build a weir at the east end of the tank where the site is good for the purpose.

The tank has only one sluice, which is not only in bad order, but is also 3 feet above deep bed of tank. It is proposed to rebuild it lowering the silt 2 feet.

For the convenience of high level fields, one high level sluice is also proposed. This will also enable about 50 acres of new land being brought under cultivation. The bank of the tank being irregular and worn out, it is proposed to bring the bund to uniform section keeping 4 feet margin above M.W.L. with a top width of 4 feet and sides slopes of 1·5 to 1.

The above proposals will make the tank thoroughly efficient.

The present ayacut of the tank is 259 acres with an assessment of Rs. 1,034. Besides this, there are about 180 acres of land under the tank that can come under cultivation, provided the tank be efficient.

(Signed) R. A. SRINIVASA AIYANGAR,
Executive Engineer, Nellore Division.

23rd May 1895.

From the Executive Engineer, Nellore Division, to the Superintending Engineer, II Circle, dated 12th October 1895, No. 287 S.E.

With reference to your No. 231 K.S., dated 28th June 1895, I have the honour to give below the information required :—

Chidmala Tank.
Gudur Taluk.
Expenditure in last five years—*Nil.*
Revenue collected.

	RS.	A.	P.
1890–91	158	14	0
1891–92	75	2	0
1892–93	472	4	7
1893–94	738	8	3
1894–95	353	12	0
	1,798	8	10 (or Rs. 1,800)

It will thus be seen that the expenditure and collection are below the estimated amount of repair.

To the Superintending Engineer, II Circle, dated 5th November 1895, No. 50 N.L.
From the „ „ „ „ 14th „ „ 452 „

No. 248 I.

Submitted to Government.

16th December 1895. (Signed) R. R. E. DRAKE-BROCKMAN, Col., R.E.,
Chief Engineer for Irrigation.

ORDER—No. 4 I., dated 3rd January 1896.

The following estimate is sanctioned :—

Irrigation.
43. Minor Works and Navigation.
Minor Works for which neither Capital nor Revenue Accounts are kept, P.W.D.
Nellore Division.
Original Works.
Improving Chidmala tank, No. 218 of list of works appended to G.O. No. 407 I., dated 6th July 1887.

	RS.
Estimate	2,660

2. This sanction is registered as No. 166 I. of 1895-96.

(True Extract.)

Under Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.
„ Superintending Engineer, II Circle, with 17 enclosures.
„ Examiner, Public Works Accounts.
„ Revenue Department.

Exd. Shaik Karim.
Spare Copies

A

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From Supdg Engr II Circle, No. 194 N.L. d/ 12. 6. 95
To do. . 25 N.L. d/ 15. 6. 95
From do. . 422 N.L. d/ 21. 10. 95
To do. . 50 N.L. d/ 5. 11. 95
From do. . 452 N.L. d/ 14. 11. 95

No 248 I d/ 16.12.95

Submitted to Govt.

Order thereon.

No 4 I d/ 3 January 1896

W
13 Dec

The following estimate is sanctioned.

Irrigation.

43. Minor Works Navign.

Minor works for which neither Capital nor Revr. Accounts are kept, P.W.D.

Nellore Divn.

Original works

Improving Chidmala Tank, No. 218 of list of works appended to G.O. No. 407. I. d/ 6 July/87.

Estimate Rs 2660

2. This sanction

Registered as No. 166 I
of 1895-96

14/12

16/12

P. W. CURRENT No. 10131

Estimate for improving
Chidmala Tank, Nellore
Dn

Encls: 24 (6 Plans)
Recd: 17.12.95

DESPA[illegible]
20 JAN 96

To
The Chief Engr for I.
Supg Engr II with 17 encls.
Ex. E. P.W.D.
Rev Dept.

E. I. Form No. 1—500—14-5-95

14/12

17/12 R 19/12

7. E. I.
21/12

6/1/96

Issue

I

Regd
6/1/96

19.12.95

Superintending Engineer's Office,
Bezwada
II CIRCLE,
Dated 12th June 1895.

No. 194 M.

From,
Major, W. L. C. Baddeley R.E. ~~Esquire~~,
Superintending Engineer,
II Circle.

To,
The Chief Engineer,
For Irrigation,
Madras.

Enclosure. 5
1 General Abstract
1 Report
1 Hydraulic Statement
1 Tracing of Water spread
1 Do. Catchment area
5

Sir,

I have the honour to forward herewith for your approval and sanction of Government, an Estimate amounting to Rs 2,660 for "Improvements to Chidmala Tank" in the Nellore Division -

2: The report which accompanies the Estimate, explains the necessity for the work -

I have the honour to be,
Sir,
Your most obedient Servant,
W L C Baddeley Major, R.E.
Superintending Engineer,
II. Circle.

CHIEF ENGINEER
No. 627 L
14 JUN. 95
FOR IRRIGATION

From

The Supg Engineer

Second Circle

To The Chief Engineer

For Irrigation

Dated 12 June 1895

Encl 5

No. 194 NL

Improvements to Chedmala tank -

Forwards for sanction an estimate of Rs 2660 for —

[illegible]

From,

The Superintending Engineer,

II Circle.

To,

The

Dated
Received } 18

Enclosures.

NO.

SUBJECT.

II

No. 25 NL d/ 15.6.95

Memo

9

194 NL

Ens. 5

In returning the enclosures of letter No. 104 N.L. dated 12-6-95 from the Supg: Engr. II Circle the undersigned has the honor to enquire whether the amount of the estimate (Rs 2,660) for improving the Chidmala tank in the Nellore Dt. together with the expenditure incurred on the tank during the last five years exceed five years revenue.

FWh
15/6

To,

The Supg: Engr. II Circle

B.T.E. 15.6.95

R42 N.7/95

Pro G.17
10(31)/95

D. P. W. - Second Circle.

Chedmala Tank .. Improvements

Amount of Estimate Rs 2680× 2660

× Corrected in S.E.'s office 2660

No 218 of Imperial list of Tanks

Ayacut acres: 259 and Assessment Rs 1034

Report.

To accompany the Plans and Estimate for

This is a rainfed tank belongs to the Yerur group of Tanks in Gudur Taluq. Of the two upper tanks to this, one is the Pidathalapudi tank in good order, and the other a shrotriam tank which requires repairs. The catchment basin of the tank is 4.0 Sq. miles. The discharge for this area with a coefficient 450 is 947 c. ft a Second.

$$AD = CM^{\frac{2}{3}} - CM^{\frac{2}{3}}$$
$$= 450(4.0)^{\frac{2}{3}} - 90(3)^{\frac{2}{3}}$$
$$= \underline{947}$$

To dispose of this surplus with a head of 2 ft over Crest 100 ft of weir is required.

The tank has no masonry escapes for discharging the surplus and the same is is now being done by cuts at both the ends of the bund.

It is proposed to build a weir at the east end of the tank where the site is good for the purpose.

The tank has only one sluice, which is not only in bad order but is also 3 ft above deep bed of tank. It is proposed to rebuild it lowering the sill 2 ft.

For the convenience of high level fields one high level sluice is also proposed. This will also enable about 50 acres of new land being brought under cultivation. The bank of the tank, being irregular and worn out it is proposed to bring the bund to uniform section keeping 4 ft margin above M.W.L with a top width of 4 ft and sides slopes of 1.5 to 1.

The above proposals will ~~put~~ make the tank thoroughly efficient.

The present ayacut of the tank is 259 acr with an assessment of Rs 1034. Besides this there are about 180 acres of land under the tank that can come under cultivation provided the tank be efficient ~~to supply~~.

R. a. Srinivasa Aiyangar
23. 5. 95
Executive Engineer.
Nellore Division.

as

CHIEF ENGINEER
FOR IRRIGATION.
28 OCT 95
No. 72

S. E.'s ENGINEER'S OFFICE
No. 158/91
31 MAY
P. W. D.
SECOND CIRCLE

Report

Chedamala Tank.

S. E.'s ENGINEER'S OFFICE
No. 273 A
19 JUN. 95
P. W. D.
SECOND CIRCLE

One E.16 / 10131/85 Filed to No 194/12.6.95

558

Letter from the Executive Engineer, Nellore division, to the Superintending Engineer, 2nd Circle, No. 287 S.E., dated 12th October, 1895.

—

With reference to your No. 231 Ks, dated 28th June, 1895, I have the honour to give below the information required.

Chedamala Tank.
Gudur Taluq.
Expenditure in Last 5 years.
-Nil-

Revenue Collected.

	Rs	a.	p.
1890-'91 ——	158 -	14 -	0
1891-'92 ——	75 -	2 -	0
1892-'93 ——	472 -	4 -	7
1893-'94 ——	738 -	8 -	3
1894-'95 ——	353 -	12 -	0
	1798 -	8 -	10 ✓
	or Rs 1,800/. ✓		

It will thus be seen that the expenditure and Collection are below the estimated amount of repair.

(True Copy)

A. S. Russell
Offg Supdg Engr.
II Circle.

24/10/95

CHIEF ENGINEER
FOR IRRIGATION.
28 OC[illegible]95
No. 7

O. M.S. 13 / 10/31/55

Superintending Engineer's Office.

No. 2622 IV

II CIRCLE,

Dated 21st Octr 1895.

D/ 24

From,

A. S. Russell Esquire,
offg Superintending Engineer,
II Circle.

3 P.

To,

The Chief Engineer,
for Irrigation,
Madras.

Sir,

Enclosures 5+1=6
1 Report
1. Hy Statement
1. Genl Abstract
1 drawing of
watershed
1 Dr catchment
area
1. Copy of EE's
letter
6.

With reference to your memo No. $\frac{II}{25\ NL}$, dated 15th June, 1895, I have the honor to resubmit the estimate, amounting to Rs 2660/, for "Improvements to Chidamala Tank" in the Nellore Division, together with a Copy of letter 287 I.E., dated 12th instant, from Executive Engineer, Nellore, which gives the information you require.

I have the honour to be,
Sir,
Your most obdt. Servt.

A. S. Russell
Offg Supdg Engineer,
2nd Circle.

D/ 24/11/95

CHIEF ENGINEER
FOR IRRIGATION.
28 OCT. 95
No. 722

From,

The Superintending Engineer,
II Circle.

To,

The Chief Engineer
for Irrigation

Dated 21st October } 1895
Received 26

Enclosures. 6

NO. ~~[illegible]~~
422 NL

SUBJECT.

Chidamala Tank – Fresh Estimates for – with the information called for.

Dw 5.12
10/11/95

II
No 50 NL d/5 Nov 95

Memo.

With reference to letter No 422-NL dated 21 October 1895 from the Supdg. Engineer, Second Circle, the undersigned has the honor to request that the plans and estimates for improving the Chidamala tank in the Nellore division may be forwarded to this office.

5/11

To
The Supg. Engineer
Second Circle

5/11/95

1797/55

[illegible] Memo.

With reference to letter No
422-M dated 21 October 95
from the Supdg Engineer, Second
Circle, the undersigned has the
honor to request that the plans
and estimates for improving the
Chedamala tank in the Nellore
division may be forwarded to
the [illegible]

Rev. G.O.
10131/55

Superintending Engr's Office
II Circle.

No. 454 M. Dated 14th November 95
Desp'd 18th

From,
A.S. Russell Esquire.
Offg Superintending Engr
II Circle.

To,
The Chief Engineer,
For Irrigation,
Madras.

Enclosures: 9.
4 Plans
4 Estimates
1 Data
9.

× Sent separately

Sir,

With reference to your memo No. II/50 M, dated 5th November, 1895, I have the honor to forward herewith plans and estimates for the improvements of Chedamala Tank, Nellore District.

I have the honor to be,
Sir,
Your most obdt Servt
A.S. Russell
Offg Suptg Engineer
II Circle.

D
18/11/95.

From

The Supg Engineer
Second Circle
R 75 ha

To The Chief Engineer
For Irrigation

Dated 14 } November 1895
Despd 18 }

Enclo 9

No. 454 M.

P.W.E.1
1083/55

Chidamala Tank in Nellore Divn —
Forwarding plans and estimates for improving — as ordered.