

(1) Number of pages 4
(2) Date of repair 23.7.80
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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	<u>1962</u>	Press.
B.P. No.		Mis.
Dated	<u>7.4.1877</u>	197 .

Not to be folded or roughly handled

Read the following :—

No. 149—W.

No. 734.

Note by Chief Engineer for Irrigation.

THE District Engineer, Cuddapah, forwards with his letter marginally noted an estimate in connection with the Nundimungalum Kotla Calwa or channel, situated in the Cuddapah Taluq, Cuddapah 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

IRRIGATION.

Repairs.

Deepening and widening the Calwa or channel	...	...	Rs. 1,320
		Total	Rs. 1,320

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

Ayacut area	...	...	...	...	{ Circar 31 } 93 Acres.
					{ Inam 62 }
Assessment	...	...	...	...	{ Circar 325 } 754 Rupees.
					{ Inam 429 }
Average revenue	...	...	...	...	{ Circar 278 } 899 "
					{ Inam 621 }
Highest do.	...	...	...	...	{ Circar 251 } 961 "
					{ Inam 710 }

Expenditure during the previous four years ... Nil.

4. This Calwa or channel is 1 mile and 18 yards in length, and takes off from the right bank of the Paupugny river in latitude $14^{\circ} 24' 0''$, longitude $78^{\circ} 33' 0''$. There is no anicut at the head, but there is a head sluice constructed by the ryots which answers its purpose sufficiently well. The channel requires to be deepened and widened and for this the estimate provides. The work is reported to be favorably situated to afford relief to the destitute villagers of Nundimungalum and neighbouring villages. Sections of the channel should have been sent.

5. The specification states that in sandy soil the bottom width is to be 2 yards, and the slopes 2 to 1, while in mixed sand and loam the width is to be $1\frac{1}{2}$ yards, and the slopes $1\frac{1}{2}$ to 1. This arrangement is not suitable, seeing that for, say, $1\frac{1}{2}$ feet depth of water the sectional area of water-way will be $13\frac{1}{2}$ square feet in one case, and $10\frac{1}{8}$ square feet in the other. Quite a sufficient departure from normal area will result from varying the slopes while maintaining a uniform bottom width.

The estimate is recommended for sanction.

(Signed) G. T. WALCH,

Ag^y Dy. Chief Engr. for Irrigation,

for Chief Engr. for Irrigation.

19th March 1877.

To the Secretary to Government, Public Works Department.

*Proceedings of the Madras Government, Public Works Department,
29th March 1877. No. 1,072.*

No. 735.

ORDER THEREON, 29th March 1877, No. 1,072.

IRRIGATION, No. 43.

Account.

THE following estimate from the
Cuddapah Range, forwarded by the Dis-
trict Engineer, Cuddapah, is sanc-
tioned :—

NUNDIMUNGALUM KOTHA CALWA.

Head of Service—Irrigation.

Group or Project ———

Fund.—Ordinary Agricultural, Irrigation.

Class.—Repairs.

Name of Tank, Canal, or Channel.—Nundimungalum Kotha Calwa or channel.

Particulars of Work.—Widening and deepening.

Amount.—Rupees 1,320.

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

2. This sanction has been registered as No. 350—I of 1876-77.

(True Extract.)

Whitcomb

Lieut.-Col., R.E.,

Secretary to Government, P.W.D.

To the District Engineer, Cuddapah.

„ Collector of do.

„ Chief Engineer for Irrigation.

„ Examiner of Public Works Accounts.

„ Revenue Department. ✓

Exd. S. T. Austin.

14 Spare Copies

1962
Rev. Dept
no 2036
Govt. of 1877 Madras.
PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
CUDDAPAH.
&c. &c. &c.

Dated March 29th.

Issued

Recd. 6 April

Encl.

G. O., 29th March 1877, No. 1,072.

MARCH

Nos. 734-735.

No 1962.

Comm. to the
Board of Revenue

7 April 1877.

Nundimungalam Kolha Colva, Cuddapah
District.—The estimate of Rupees 1,320
for repairs to the —, sanctioned.

8 To the H^o of Revenue 29-4-77.