

27.5.26 II ✓

6/8/68 / DB

Revenue (1897) Department.

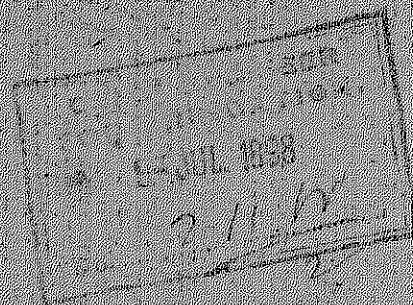
MISCELLANEOUS SERIES.

G.O., No. 5080

DATED 28 Sept^r

[Despatch Abstract.]

Sanctioning an estimate of Rs 650 for the
repair of the supply channel of the Sopavaram
Tank, in the Wandur Taluk, Kurnool Dt.



BACK PAPERS.

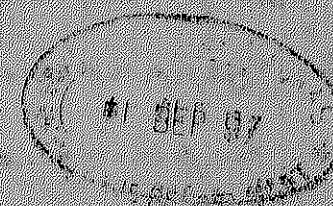
G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

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

Revenue (1897) Department.

CURRENT No.



Letter Mr J. G. M. M.

Theft by Rev. irrigation
for favour of committee
initials with ref to the
note below.

Order this see 50800 d/28 Sept 97

Sanctioned.

19.9.97
W.H.
20.9.97

From the Board of Revenue
Revenue Settlement, Land
Records & Agriculture
Madrass

No. 6868 Nuo

Dated 25th August 1897.

Received

Registered

Enclosures

Spare copies.

The Board of Rev. Rev. Sett. &c.
with reference to the order made by the

10.9.97
SUBJECT.

Note. In this it is proposed to
effect a "sett clearance" in
the supply channel of the
Gopavaram tank in Kurnool
for the purpose of increasing
the irrigable area under the
tank. And sanction of the
Govt is applied for under
rule (3) given in G.O. 3999.

Submitting for the sanction
of Government, under rule 3 of
the Rules printed in Government
Order No. 3999 dated 2nd May 1893
the plan and estimates received
from the Collector of Kurnool
for the repairs of the supply
channel of the Gopavaram
tank in the Nandyal Taluk

BACK PAPERS.

of 2nd May 1893. The Board, however, says nothing on the question of funds, and it is for the Board to find them. The

The Chief Engineer of Irrigation approves of the proposed repairs.

The present irrigation is for an income of Rs 178 per annum. It is estimated that after the repairs the income will be Rs 600 per annum. The year's gain is therefore about 422 Rs. But it does not appear whether the repairs will be permanent or need annual renewal. The P.W.D. will probably be able to give information on this point. As noted above the C.E. for Irrigation has approved of the estimate.

W.L.
19.7.81

[Signature]

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Report

The Supply channel to the Jopavaram tank has 2 springs or Dorivi at its head, one of the Dorivi being 200 ft by 150 ft with about 5 ft of water at present & the other 100' x 150' with about 3 ft of water. But the supply at present from these springs is scanty on account of the silting up, as the villagers say, of both the springs and channel. Levels taken along the channel show that the water level in the bigger Dorivi is now 12.37 ft above the front of the tank sluice. Taking the summer level in the Dorivi to be 2 ft lower than that at which water stands at present, the fall available (in the hot weather) for the channel bed is 10.37 ft in a total length of 11580 ft. Hence if the supply in the spring be at least moderately good, the fields and the tank sluice can be irrigated by the Dorivi water.

2. As I am not ^{it is} ~~sure~~ ^{certain} that

the supply in the Dorivi will be ample, only 2 ft of clearance at the head of the channel has been estimated for in the accompanying Estimates as a first measure. As soon as this work is carried out, if it is found that the water is sufficient in quantity in the Dorivi, further deepening of the channel can be estimated for.

The f. s. l of the Tank is 5.25 ft above front sill of sluice.

Sd/- R. Srinivasan Engineer
Asst. Engineer

Sd/- M. Srinivasan
13-11-16

Executive Engineer

Detailed Calculation sheet to accompany the Graph work Estimate of the Sopavaram tank supply channel from the Dorivi downwards.

Note

The sections are numbered from the head of the channel & continued downwards along the head of the supply channel.

Bottom width to be 3 feet

Side slopes $1\frac{1}{2}$ to 1

area = $\frac{\text{bottom} + \text{top}}{2} \times \text{depth}$

Sections

$$2+1 = 3 \times 2 = 6 + 3 = 9$$

$$\begin{array}{r} 1.56 \\ 78 \\ \hline 2.34 \end{array} \quad \begin{array}{r} 2.34 \\ 68 \\ \hline 4.68 \end{array} \quad \begin{array}{r} 4.68 \\ 3.00 \\ \hline 7.68 \end{array}$$

$$2+1 = 3 \times 2 = 6 + 3 = 9$$

$$\begin{array}{r} 1.41 \\ 70 \\ \hline 2.11 \end{array} \quad \begin{array}{r} 2.11 \\ 12 \\ \hline 4.22 \end{array} \quad \begin{array}{r} 4.22 \\ 3.00 \\ \hline 7.22 \end{array}$$

$$\begin{array}{r} 1.51 \\ 75 \\ \hline 2.26 \end{array} \quad \begin{array}{r} 2.26 \\ 2 \\ \hline 4.52 \end{array} \quad \begin{array}{r} 4.52 \\ 3.00 \\ \hline 7.52 \end{array}$$

$$\begin{array}{r} 1.56 \\ 78 \\ \hline 2.34 \end{array} \quad \begin{array}{r} 2.34 \\ 68 \\ \hline 4.68 \end{array} \quad \begin{array}{r} 4.68 \\ 3 \\ \hline 7.68 \end{array}$$

$$\begin{array}{r} 1.52 \\ 76 \\ \hline 2.28 \end{array} \quad \begin{array}{r} 2.28 \\ 2 \\ \hline 4.56 \end{array} \quad \begin{array}{r} 4.56 \\ 3 \\ \hline 7.56 \end{array}$$

$$\begin{array}{r} 2.11 \\ 1.05 \\ \hline 3.16 \end{array} \quad \begin{array}{r} 3.16 \\ 2 \\ \hline 6.32 \end{array} \quad \begin{array}{r} 6.32 \\ 3 \\ \hline 9.32 \end{array}$$

$$\begin{array}{r} 2.26 \\ 1.13 \\ \hline 3.39 \end{array} \quad \begin{array}{r} 3.39 \\ 2 \\ \hline 6.78 \end{array} \quad \begin{array}{r} 6.78 \\ 3 \\ \hline 9.78 \end{array}$$

$$\begin{array}{r} 2.51 \\ 1.26 \\ \hline 3.77 \end{array} \quad \begin{array}{r} 3.77 \\ 2 \\ \hline 7.54 \end{array} \quad \begin{array}{r} 7.54 \\ 3 \\ \hline 10.54 \end{array}$$

$$\begin{array}{r} 2.56 \\ 1.28 \\ \hline 3.84 \end{array} \quad \begin{array}{r} 3.84 \\ 2 \\ \hline 7.68 \end{array} \quad \begin{array}{r} 7.68 \\ 3 \\ \hline 10.68 \end{array}$$

$$\begin{array}{r} 3.26 \\ 1.63 \\ \hline 4.89 \end{array} \quad \begin{array}{r} 4.89 \\ 2 \\ \hline 9.78 \end{array} \quad \begin{array}{r} 9.78 \\ 3 \\ \hline 12.78 \end{array}$$

$$\begin{array}{r} 2.82 \\ 1.41 \\ \hline 4.23 \end{array} \quad \begin{array}{r} 4.23 \\ 2 \\ \hline 8.46 \end{array} \quad \begin{array}{r} 8.46 \\ 3 \\ \hline 11.46 \end{array}$$

(1) Area - Nil

$$(2) \frac{3+7}{2} \times 2 = \frac{12}{2} \times 2 = 12.00 \text{ sq ft}$$

$$(3) \frac{3+7.68}{2} \times 1.56 = \frac{10.68}{2} \times 1.56 = 8.33 \text{ sq ft}$$

$$(4) \frac{3+7.22}{2} \times 2 = \frac{12}{2} \times 2 = 12.00 \text{ sq ft}$$

$$(5) \frac{3+7.22}{2} \times 1.41 = \frac{10.22}{2} \times 1.41 = 7.20 \text{ sq ft}$$

$$(6) \frac{3+7.52}{2} \times 1.51 = \frac{10.52}{2} \times 1.51 = 7.94 \text{ sq ft}$$

$$(7) \frac{3+7.68+1.56}{2} = \frac{10.68}{2} \times 1.56 = 8.33 \text{ sq ft}$$

$$(8) \frac{3+7.56}{2} \times 1.52 = \frac{10.56}{2} \times 1.52 = 8.02 \text{ sq ft}$$

$$(9) \frac{3+9.32}{2} \times 2.11 = \frac{12.32}{2} \times 2.11 = 13.00 \text{ sq ft}$$

$$(10) \frac{3+9.78}{2} \times 2.26 = \frac{12.78}{2} \times 2.26 = 14.44 \text{ sq ft}$$

$$(11) \frac{3+10.54}{2} \times 2.51 = \frac{13.54}{2} \times 2.51 = 17.00 \text{ sq ft}$$

$$(12) \frac{3+10.68}{2} \times 2.56 = \frac{13.68}{2} \times 2.56 = 17.51 \text{ sq ft}$$

$$(13) \frac{3+12.78}{2} \times 3.26 = \frac{15.78}{2} \times 3.26 = 25.72 \text{ sq ft}$$

$$(14) \frac{3+11.46}{2} \times 2.82 = \frac{14.46}{2} \times 2.82 = 20.47 \text{ sq ft}$$

$$\begin{array}{r} 2.74 \\ 1.37 \\ \hline 4.11 \end{array} \quad \begin{array}{r} 4.11 \\ 2 \\ \hline 8.22 \end{array} \quad \begin{array}{r} 8.22 \\ 3 \\ \hline 11.22 \end{array} \quad (15) \frac{3+11.22}{2} \times 2.74 = \frac{14.22}{2} \times 2.74 = 19.48 \quad \text{SST}$$

$$2.00 \quad 3 \times 2 = 6 + 3 = 9 \quad (16) \quad \frac{3+9}{2} \times 2.00 = \frac{12}{2} \times 2.00 = 12.00$$

$$\begin{array}{r} 1.65 \\ 82 \\ \hline 2.47 \end{array} \quad \begin{array}{r} 2.47 \\ 4.94 \\ \hline 4.94 \end{array} \quad \begin{array}{r} 4.94 \\ 3 \\ \hline 7.94 \end{array} \quad (17) \quad \frac{3+7.94}{2} + 1.65 = \frac{10.94}{2} + 1.65 = 9.02$$

$$\begin{array}{r} 3.14 \\ 1.57 \\ \hline 4.71 \end{array} \quad \begin{array}{r} 4.71 \\ 2 \\ \hline 9.42 \end{array} \quad \begin{array}{r} 9.42 \\ 3 \\ \hline 12.42 \end{array} \quad (8) \quad \frac{3 + 12.42}{2} + 3.14 = \frac{15.42}{2} + 3.14 = 24.20$$

$$\begin{array}{r} 2.51 \\ 1.25 \\ \hline 3.76 \end{array} \quad \begin{array}{r} 3.76 \\ 2 \\ \hline 7.52 \end{array} \quad \begin{array}{r} 7.52 \\ 3 \\ \hline 10.52 \end{array} \quad (19) \frac{3+10.52}{2} \times 2.51 = \frac{13.52}{2} \times 2.51 = 16.96$$

$$\frac{1.25}{0.12} \quad \frac{0.37}{2} \quad \frac{0.74}{3} \quad (20) \quad \frac{3+3.74}{2} \times 0.25 = \frac{6.74}{2} \times 0.25 = 0.84$$

0.37 0.74 3.74 $\frac{1}{2}$
 3.30 4.95 9.90 $(21) 3 + 12.90 \times 3.30 = \frac{15.90}{2} \times 3.30 = 26.23$

$$\begin{array}{r} 1.65 \\ 4.95 \end{array} \quad \begin{array}{r} 2 \\ 9.90 \end{array} \quad \begin{array}{r} 3 \\ 12.90 \end{array} \quad \begin{array}{r} 4 \\ 15.80 \end{array} \quad \begin{array}{r} 5 \\ 18.70 \end{array}$$

$$\frac{1.51}{4.53} \quad \frac{4.53}{9.06} \quad \frac{9.06}{12.06} \quad \left(\frac{22}{2} \right) \frac{21}{2} \times \quad = \frac{1}{2} \quad \frac{1}{2} \quad \frac{1}{2}$$

$$\begin{array}{r} 1.63 \\ \times 1.81 \\ \hline 144 \end{array} \quad \begin{array}{r} 2.44 \\ \times 2 \\ \hline 4.88 \end{array} \quad \begin{array}{r} 4.88 \\ \times 3 \\ \hline 7.88 \end{array} \quad (23) \frac{571.58}{2} \times 1.63 = \frac{10.58}{2} \times 1.63 = 8.00$$

$$\begin{array}{r} 0.56 \\ 0.28 \\ \hline 2.84 \end{array} \quad \begin{array}{r} 0.84 \\ 2 \\ \hline 1.68 \end{array} \quad \begin{array}{r} 1.68 \\ 4.68 \end{array} \quad (24) \frac{3+4.68}{2} \times 0.56 = \frac{7.68}{2} \times 0.56 = 2.15$$

$$\begin{array}{r} 67 \\ 33 \\ \hline \end{array} \quad \begin{array}{r} 1.00 \\ 2 \\ \hline \end{array} \quad \begin{array}{r} 2.00 \\ 3 \\ \hline \end{array} \quad (25) \quad \frac{3+2.00}{2} \times 0.67 = \frac{5.00}{2} \times 0.67 = 2.68$$

$\begin{array}{r} .55 \\ .27 \\ \hline \end{array}$
 $\begin{array}{r} 0.82 \\ 2 \\ \hline \end{array}$
 $\begin{array}{r} 1.64 \\ 3 \\ \hline \end{array}$
 $(26) \frac{3+4.64}{2} \times 0.55 = 7.64 \times 0.55 = 2.10$

26 0.39 0.78 (27) $\frac{3+3.78}{2} \times 0.26 = \frac{6.78}{2} \times 0.26 = 0.88$

$$\frac{13}{39} \quad \frac{2}{0.78} \quad \frac{3.78}{3.78} \quad \left(\frac{2}{2} \right) \quad 2$$

$$\frac{26}{78} \quad \frac{0.18}{1.56} \quad \frac{1.36}{4.56} \quad (28) \frac{3+4.56}{2} \times 0.52 = \frac{1.36}{2} \times 0.52 = 0.35$$

$$\begin{array}{r} 54 \\ 27 \\ \hline 81 \end{array} \quad \begin{array}{r} 0.872 \\ 2 \\ \hline 1.62 \end{array} \quad \begin{array}{r} 1.62 \\ 3 \\ \hline 4.62 \end{array} \quad (29) \frac{14.12}{2} \times \frac{0.872}{2} + \frac{0.872}{2} = 6.55$$

$$\begin{array}{r} 0.34 \\ + 1.17 \\ \hline 1.51 \end{array}$$

$$\begin{array}{r} 0.51 \\ \times 2 \\ \hline 1.02 \end{array}$$

$$\begin{array}{r} 1.02 \\ \times 3 \\ \hline 4.02 \end{array}$$

$$(30) \frac{3 + 4.02}{2} \times 0.34 = \frac{7.02}{2} \times 0.34 = 1.19$$

$$\begin{array}{r} .04 \\ .02 \\ \hline .06 \end{array} \quad \begin{array}{r} 0.06 \\ 2 \\ \hline 0.12 \end{array} \quad \begin{array}{r} 0.12 \\ 3.00 \\ \hline 3.12 \end{array} \quad \begin{array}{l} (31) \quad \text{yes} \\ (32) \quad 3 + 3.12 \times .04 = \frac{6.12}{2} \times .04 = 0.12 \\ (33) \quad \text{no} \end{array}$$

(Handwritten notes on a separate sheet of paper are visible at the top left of the page.)

Name of Taluk	Name of Village	Name of Source	of estimate	Remarks	
				(1) By whom the work inspected and when	(2) By whom estimates are checked?
			13-2-94, 182)	(3) Whether the estimates provide for complete repairs	(4) Explanation of the necessity for the allotment when the proposed expenditure exceeds the average annual Revenue
				(5) Whether the surplus escapes have been duly examined as per D.P., dated 15-2-94, No 85	(6) Name of the m.s. basin and page in the memoir book
Kandyal	Gopavaram	Gopavaram	for Taluk 326	(1) By the and Engineer Kandyal	(2) By the Executive Engineer Kurnool Division
			with 348	sub-division towards the close of 1896.	(3) 250
			12	(4) Vide report of the Assistant Engineer accompanying the estimate and also report of the Deputy Collector in charge of Kandyal Division separately enclosed.	(5) 250
			636	(6) The work belongs to the Savel minor basin and the memoir book is not forthcoming either in this office or in the Executive Engineers Office.	
				(7) P. J. - Pope	
				Spl Asst Collector	

R. V. Shivaram

2.76 4.11 8.22

Application for Allotment for

1898-9

Number	Name of Taluk	Name of Village	Name of Source	Area of Irrigation				Revenue				Revenue expected after repairs.	Date of occurrence of breach or damage	Amount expended on repairs during the previous five years	Sanctioned grant for 1897-9	Grant required for 1898-9	Items of estimate (B.O. dated 13-2-94, 1882)	Remarks
				Total irrigable Ayalat	Present area (average cultivation during last five years)	Estimated area after repairs	Assessment on the total irrigable Ayalat	Average of past five years including water rate and enam quit-rent	Nominal Revenue on the present area of irrigation	Actual collection on the present area of irrigation								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
1	Kandyal	Gopavaram	Gopavaram tank	63.10.4	44.6	288.6	150	178.6.2	178.6.2	600	not known	Nil	Nil	600			1 Earth work for deepening the channel } 326 2 Clearing silt from sown } 348 3. Clearing bushes &c } 250 4. Contingencies 12 <u>636</u>	(1) By the Engineer Kandyal and subdivision towards the close of 1896. (2) By the Executive Engineer Kurnool Division (3) Geo (4) Vide report of the Assistant Engineer - Accompanying the Encl. and also report of the Deputy Collector in charge of Kandyal Division separately enclosed. (5) Geo (6) The work belongs to the small minor basin and the Memoir Book is not forthcoming either in this office or in the Executive Engineers Office. (7) P. J. - Pope spl asst collector

Kurnool Collector's office }
Dated 12th July 1897

(True Copy)

R. V. Srinivasan

From
The Deputy Collector
in charge
Mandya

To
The Collector, Kurnool.

Sir,
With reference to your R
an ²⁸⁵⁷₅₁₇ of 95 dated 22nd March 97
I have the honor to state that
I have personally inspected the

Facile	Subst inflated	Revenue derived
1302	23.07	92.4.8
1303	24.04	136.2.9
1304	58.17	232.10.11
1305	63.10	252.6.6
	178.38	- 713.8.10
	Average 44.60	178.6.2

Gopavaram Tank and
the spring with which it
is proposed to be connected.
The average revenue under
the Tank taking the facilities
1302, 1303, 1304, & 1305 into
consideration is Rs 178.6.2
As noted on the margin
The estimate of Rs 650

is thus only from three to four
times

times more than the average
revenue. The average extent
and revenue given in the original
allotment application seems
to be actual extent of cul-
tivation under the tank for
fasli 1302, which is the first
year after the restoration
of the tank. The extent
irrigated has been gradually
rising year after year as shown
in the margin, and the total
extent irrigable by the tank
is 288 acres, provided that
the tank contains sufficient
water, and the ryots are
ready to cultivate this extent of
land. I do not think that, even if
the tank be connected with

the spring, it can have sufficient
supply to irrigate the whole
of this irrigable extent. Without
any connection with the spring
the tank cannot irrigate more
than 50 acres, unless it is filled
twice or thrice in the year. If
however, it is connected with
the spring which seems to
have a very good supply. I
think the tank will easily
irrigate about a 150 acres in
years of ordinary rainfall
and even in years of drought
the spring channels may be
expected to irrigate about 50
acres without any aid from rain.

There

There is therefore a good prospect of the revenue increasing by the proposed repairs and I accordingly recommend that the estimate of Rs 650 be sanctioned and the work be put in hand at once. An application for allotment in the prescribed form is enclosed.

I have the honor to be
Sir,

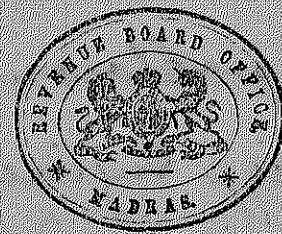
Your most obedient servant

(Signed)

Deputy Collector in charge

(True Copy)

R. V. Srinivasan
Secretary



Proceedings of the Board of Revenue
(Revenue Settlement, Land Records and Agriculture).

Dated 25th August 1897.

No. 6868 MIO

READ the following letter from the
Collector of Kurnool to R. C.

2857 pgs dated 12th July 1897.

Sir,
I have the honor to submit
an application for the allotment
of Rs 636 for the repairs of the supply
Channel of the Gopavaram tank in the
Kandyal taluk referred to in para 2
(6) of my letter disposed of in Board's
Proceedings No 371 dated 18 November
1895 to be executed during the
current official year.

2. The estimate, reports &c
are herewith enclosed for

reference and return.

Read also the following endorsement of the Chief Engineer for Irrigation No 1204 & dated 11 August 1897:-
Forwarded, approved.

Resolution

The plan and estimate received with the Collector's letter read above will be submitted for the sanction of Government under rule 3 of the rules printed in Government Order No 399 & dated 22 May 1893.

(True Copy & Extract)

R. V. Simwasa
Secretary

To

The Secretary to Government
Revenue Department
with a plan & estimate in
original to be returned & copy of the Collector's
Deputy Collector's letter & application for allotment

When given for copying _____
When copied _____
When examined _____
When signed _____

189

READ AGAIN (C.O.), No.
189

DATED

CURRENT

END OF THE TO C. No.

ORDER OF GOVERNMENT

A A A A A A A

LETTERS OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING WANT FOR OBSERVANCE
IN ORIGINAL.

N.B.-

A = Copy in full.
B = Not to be copied.
F = Copy abstract only.
Q = Copy heading only.