

Revenue (1897) Department.

MISCELLANEOUS SERIES.

G.O., No.

525

DATED

27th June 1897

[Despatch Abstract.]

Referring to the Bd of Rev, G. O. of P. N. Oct 1,
Sanctioning ~~an~~ ^{the} ~~work~~ ^{est.} ~~at~~ ^{of} Rs 10,180
for restoring Kothapalle Tank, Cuddapah Div.

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 - Department

IRRIGATION.
ACCOUNT.

Government {1897} of Madras.
PUBLIC WORKS.

97/11

Current No. 716

Recd. 25th January }
Regd. 25th } 1897.

Enclosures

Spare copies 20.

G.O., No. 32 I., 8th January 1897.

G.O. No. 52507 27th Jan. 1897

Communicated to the Board of Rev

JANUARY.

1/7-1-97.

16 To the Board (Sett) des: 2-2-97

dir

KD
26/1/97

Kothapalle Tank

Estimate of Rs. 10,180 for restoring the —, Cuddapah division, sanctioned as a relief work.



25/1/97

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following paper:—

Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 21st December 1896, Mis. No. 6805.

Read—the following letter from the Superintending Engineer, III Circle, to the Collector of Cuddapah, dated 17th December 1896, No. 3024:—

With reference to your Ref. No. 6968-Rev. of 1896, dated 7th December 1896, I have the honour to forward, herewith, plans and estimates, together with a report for restoring Kothapalle tank, amounting to Rs. 10,180, and request you will be good enough to obtain the sanction of Government through the Board of Revenue for its execution as a famine work.

2. The irrigable area under the tank is said to be 100 acres, and the capacity at F.T.L. is given as 13,557 millions of cubic feet. This amount of water is only sufficient for 63 acres, so that the tank must fill more than once to irrigate the full ayacut.

3. With 63 acres at Rs. 4, the revenue obtainable is only 2.4 per cent. of the outlay, so that the work is not worth undertaking except for famine relief.

ENCLOSURE.

Report to accompany the estimate of restoring the Kothapalle tank in Pulivendla taluk.

2. The amount of the estimate is as follows:—

	RS.
Improving the bund	8,300
For constructing a masonry weir and a byewash	370
Constructing a masonry sluice	510
Compensation for lands that come under submersion	1,000

Grand Total ... 10,180

3. This project has been taken in hand with reference to the Head Assistant Collector's No. 1675 of 4th November 1887, a copy of which is herewith sent.

4. This tank lies from east to west, exposing its bund to the south wind in the latitude of 14°, 22', 10" and longitude of 78°, 25', 15".

5. This tank affects in no way the Madras Railway line, and its surplus falls into the Papagani river, joining with other minor streams. The tank is an isolated one and receives its supply from a catchment basin of 2½ square miles.

6. The tank is to be enlarged and improved with a view of bringing up all the available lands under cultivation as solicited by the ryots of the adjoining villages from a long time.

7. The length of the old bund is only 300 feet long in a very ruined state, having a breach at the site of old rough stone weir at left end, and it is stated that the breach occurred some twenty years ago.

8. Now it is proposed to lengthen the bund from Ottugattu at left to Kumbungattu at right as per longitudinal and cross sections, &c., attached.

9. The tank receives its full supply purely from the rainfall of 2.5 square miles of catchment basin by means of three small streams coming down from Marugamalla hill and it has no other source of supply.

10. At present the tank has no storage area and it is proposed to increase the capacity by lengthening and raising the bund.

11. The capacity calculated from the contours of 38.00 (sill of sluice) to 48.00 F.T.L. is 13,557,320 cubic feet which is sufficient to irrigate about 63 acres.

12. A revenue of Rs. 252 may be realized by the restoration of the tank at the rate of Rs. 4 per acre.

13. The bund is to be raised to + 53.00 and the revetment to + 50.00 (allowing 1.0 foot above M.F.L.), the front slope to be given is 1 to 1 up to top of revetment and 1½ to 1 above it and the rear slope is 2 to 1. The top of the bund will be 4.50 feet wide throughout.

14. The maximum discharge from the catchment basin of 2.5 square miles is 597 cubic feet per second as per Deeken's formula $D = C.M. \frac{2}{3}$ to a coefficient of 300 which is generally taken in Pulivendla taluk, and hence the required length of weir is 93 feet, allowing 1.50 feet for M.F.L. above F.T.L. The weir is to be built on rock at right to a length of 32 feet with a body wall and apron, the remaining 122 feet will be byewash in continuation of above.

15. The old sluice being in very bad order, it is proposed to construct a new one with sill level at + 38.00 to irrigate the lands of Kothapalle and Gondipalli villages.

16. A sum of Rs. 1,000 is provided in the estimate for the compensation of lands that come under submersion.

17. The work will be carried out as per standard specification.

(Signed) R. J. P. ENRIGHT,
Sub-Engr. in Charge of Cuddapah Divn.

Endorsement thereon from the Collector of Cuddapah, dated 19th December 1896, Ref. No. 6968-Rev. of 1896.

Forwarded to the Secretary to the Commissioner of Revenue Settlement and Director of the Department of Land Records and Agriculture, Madras, for favour of early sanction.

Resolution—dated 21st December 1896, Mis. No. 6805.

Forwarded, with plans, to the Chief Engineer for Irrigation with the request that the necessary sanction may be obtained.

(True Copy and Extract.)

(Signed) R. V. SRINIVASIAH,
Secretary.

No. 2 I.

Submitted to Government with a recommendation that the estimate be sanctioned as a relief work.

5th January 1897.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

ORDER—No. 32 I., dated 8th January 1897.

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.]
Cuddapah Division.
Original Works.
Restoring the Kothapalle tank.

Estimate RS.
... .. 10,180

2. This sanction is registered as No. 165 I. of 1896-97.

(True Extract.)

J. C. M.

Under Secretary to Government,
Irrigation Branch.

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

When given for copying _____
When copied _____
When examined _____
When signed _____ } 189 .

READ AGAIN G.O., No.
189

DATED

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT

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LETTER OF GOVERNMENT

STATEMENT WITH DITTO

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL.