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# MADRAS RECORD OFFICE

## GOVERNMENT OF MADRAS

Revenue DEPARTMENT

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| G.O. No. / ~~B.P. No.~~ | 2357 | ~~Press~~ / Mis. |

Dated 6-11-1875 196 .

*Not to be folded or roughly handled*

*Proceedings of the Madras Government, Public Works Department,*
*2nd October* **1875.**

2355/1

No. 37. Read the following letter from Colonel C. H. DICKENS, R.A., Secretary to the Government of India, Public Works Department, (Account—Irrigation,) to Major-General G. W. WALKER, R.E., Secretary to the Government of Madras, Public Works Department, (Irrigation Branch,) dated Simla, 23rd August 1875, No. 252 A.—I. :—

I AM directed to acknowledge receipt of your letter, No. 1,833, dated 1st July last, furnishing certain information with regard to the amount of revenue which will be secured by the Polaveram embankment, and in reply to state that the question of the grant of Imperial Funds for this work will be considered on receipt of a reply to the inquiry made in Public Works Department letter No. 212 A., dated 20th July 1875, as to why Inam holders should be exempted from paying a proportion of the share of the cost of the works.

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No. 38. ORDER THEREON, 2nd October 1875, No. 2,841.

| IRRIGATION, No. 6. |
|---|
| *Account.* |

COMMUNICATED to the Revenue Department in continuation of G. O., No. 2,840, dated 2nd October 1875.

(True Extract.)

G.W. Walker Major-General, R.E.,
*Secretary to Government.*

To the Revenue Department.
" Chief Engineer for Irrigation.
" District Engineer, Godavery.
" Controller of Public Works Accounts.

Exd. S. T. Austin.
Spare Copies

Revenue 1875 Sept
No 4245

Govt. of [1875] Madras.

PUBLIC WORKS.

To

THE REVENUE DEPARTMENT,

&c., &c. &c.

Dated October 2nd.

Read — a — 29.

Encl.

G. O., 2nd October 1875, No. 2,841.

OCTOBER.

Nos. 37-38

*Polaveram Island Embankment, Godavery District.*—Letter of the Government of India stating that the question of the grant of Imperial Funds for the work of the — will be considered on receipt of a reply to the inquiry as to why inam holders should be exempted from paying a proportion of the share of the cost of the works.

1/10/75 No 2357

2357/1

*Proceedings of the Madras Government, Public Works Department,*
*2nd October* 1875.

No. 35. Read the following letter from Colonel C. H. DICKENS, R.A., Secretary to the Government of India, Public Works Department, (Account—Irrigation,) to Major-General G. W. WALKER, R.E., Secretary to the Government of Madras, Public Works Department, dated Simla, 20th July 1875, No. 212 A. I. :—

I AM directed to acknowledge receipt of your letter, No. 1,228, dated 1st May 1875, furnishing explanation on certain points noticed by the Government of India in the orders on the Madras Irrigation Budget Estimate for 1875-76, and in reply to state as follows.

2. In respect to the provision of funds for the embankment of the Polaveram Island, I am to say that the papers forwarded with your letter under acknowledgment do not contain the information asked for by the Government of India of the amount of Government revenue dependent on the works. I am, therefore, to ask that a full report may be furnished on this point, and that it may be stated why the Inam holders should be exempted from paying a share of the cost of the works in proportion to the protection that will be afforded to their lands.

3. As regards the works of village drainage, I am to say that the Government of India is not perfectly satisfied that the outlay is one that should be entirely borne by Imperial Funds. The principle which it is considered should govern the adjustment of the charge is laid down in the accompanying copy of a letter* to the Government, North-western Provinces, and I am to ask whether there is any objection to the outlay in the present case being regulated accordingly, and to Local Funds being required to provide for such portion of the cost as may be due to other causes than the effects of irrigation works.

* No. 340 I., dated 26th May 1874.

4. The outlay on these works of drainage is one that is causing some attention, and the question has been raised whether the cost of drainage rendered necessary by the rise of the spring level due to constant irrigation should be charged to irrigation. If this is done, then there will be reason to apprehend that the Capital Account of the works will be weighted with an amount not contemplated when the works were undertaken, and this may have the effect of materially reducing the percentage of the returns.

5. Under these circumstances, the question suggests itself whether it would not be more economical and preferable in a sanitary point of view to reduce the supply of full irrigation to smaller proportions of the irrigable area in any one locality, and thus admit of irrigation being extended to a greater number of villages. This would probably be the means of preventing the water-logging of the soil which forms the subject of complaints. This water-logging is understood in many instances to be due in great measure to over-irrigation and obstruction of the surface drainage by the net work of private field channels, and if this be so, it is scarcely legitimate to debit the Capital Account of the canal with the cost of providing for the drainage works.

6. Where the canal channel obstructs the natural drainage outfalls, the cost of proper passages for such drainage will probably be found to be finally debitable to the canal. But the outlay on such works is but a small portion of the whole cost of draining a water-logged tract.

7. The whole question of the incidence of the charge is one that has to l considered and definitely settled, and in view to aid in a decision, the Governor-Gener in Council would be glad to receive the opinion of the Government of Madras in th matter.

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Copy of a letter, No. 340 I., dated 26th May 1874, from the Government of India, Publ Works Department, to the Joint Secretary to the Government of the North-weste Provinces in the Public Works Department, Irrigation Branch.

I AM directed to acknowledge the receipt of the Resolution of His Honor the Lieutenan Governor, No. 333 W., dated the 6th ultimo, on drainage operations, undertaken and proposed b the Irrigation Department in the North-western Provinces, and in the last paragraph of whic it is stated that a regular allowance of a lakh of Rupees per annum in the Ordinary Budget f the next ten years to carry out such works would produce excellent results.

2. In reply, I am to remind the Local Governments of the orders on this subject commun cated in letter from this office, No. 368 I., dated the 3rd September 1870, and to repeat that th Governor-General in Council is disposed to afford every encouragement for the prosecution these works. For the current year the Budget provision for the purpose appears sufficient, and if not, additional funds might be appropriated from the extra grant of two lakhs allotted unde Irrigation, Ordinary, in the Budget Orders.

3. I am, however, as before, to direct special attention to the classification of projects fo drainage. His Excellency in Council considers that, in cases where drainage works are necessar to rectify damage due to obstructions or over-saturation of the soil from canals of irrigation, th necessary outlay is fairly chargeable to the Canal Capital Account under Ordinary or Extraord nary, according to circumstances.

2*ndly*.—When, in addition to sanitary advantages, the drainage operations may lead t the reclamation of land for cultivation, and so fall into the class of profitable investments o funds, the outlay might be Imperial if the Government land revenue were chiefly concerned, o arranged in some manner by a local Act if chiefly beneficial to private property.

3*rdly*.—When the advantage is wholly or chiefly *sanitary*, Local or Provincial Funds shal bear the burden. Other cases, I am to add, may arise, but these three classes of project obviously require different treatment financially.

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No. 35-A. Minute by the Honorable the Governor.
(Here enter dated 18th September 1875.)

No. 35-B. Minute by the Honorable R. S. ELLIS, C.B.
(Here enter dated 16th September 1875.)

No. 35-C. Minute by the Honorable W. HUDLESTON.
(Here enter dated 18th September 1875.)

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No. 36. ORDER THEREON, 2nd October 1875, No. 2,840.

IRRIGATION, No. 5.
*Account.*

No. 1,833, dated 1st July 1875.

THE Honorable the Governor in Council observes that the information referred to in the first part of paragraph 2 of the foregoing letter from the Government of India has been furnished in the letter as per margin.

2. The question raised regarding the obligation of holders of Inam lands to contribute to the Polaveram Island Embankments will be referred for consideration

*Proceedings of the Madras Government, Public Works Department,*
*2nd October* 1875.

2351/3

in the Revenue Department. It may be noticed that when the shares of the cost of constructing the embankments payable by Government and the Zemindars respectively was settled in Proceedings, Madras Government, No. 477, of the 25th February 1874, Government and Inam lands were added together to make up the area on which the former share was based, and that, moreover, in the absence of exact information as to the areas within the embankments the gross areas were taken as the basis of the calculation. In the Board of Revenue Proceedings printed in Proceedings, Madras Government, 1st July 1875, No. 1,833, the areas of Government lands within and without the embankment are given, but information is still wanting as to the extent and situation of Inam lands.

3. The consideration of the subject of the provision of funds other than Imperial for the cost of such village drainage in the deltas as has not been rendered necessary by the irrigation works will be remitted to the Financial Department, with a copy of the letter, No. 340 I., of the 26th May 1874, to the Government, North-west Provinces.

4. The Government desire to have before them the fullest information which may be obtainable as to the extent to which the necessity for drainage in general and for the drainage of the villages in the Godavery Delta is due to natural and artificial causes respectively, or, in other words, how far the need of drainage has resulted from the fact that the villages are in the delta, with necessarily but imperfect natural means of drainage, and how far from the introduction of an artificial water-supply for irrigation purposes. It is believed that the investigations which have recently been made under the District Engineer's orders for draining different groups of villages will throw considerable light on this subject, and that officer will accordingly report his views. These Proceedings will also be communicated to the Revenue Department and to the Board of Revenue, with a view to the opinions of the Collectors and experienced inhabitants not only of the Godavery, but of other irrigated districts being obtained. The Sanitary Commissioner will likewise report fully on the subject.

5. Special attention should be given to the views of the Government of India on the subject of the incidence of charges for drainage works as conveyed in the copy of the letter, No. 340 I., dated 26th May 1874, from the Government of the North-west Provinces printed in the Proceedings.

(True Extract.)

Major-General, R.E.,
*Secretary to Government.*

To the Financial Department.
" Revenue "
" Board of Revenue.
" Chief Engineer for Irrigation.
" District Engineer, Godavery.
" Sanitary Commissioner.

Exd. S. T. Austin.

7 Spare Copies

Revenue 1875. Dept.
No 4246

Govt. of {1875} Madras.

PUBLIC WORKS.

To

THE FINANCIAL DEPARTMENT.

&c., &c., &c.

Dated October 2nd.

Issued 10

Recd. — 29. Encl.

G. O., 2nd October 1875, No. 2,940.

OCTOBER.

Nos. 35-36

No 2357 - 6 November 1875

*The obligation of Inam holders to contribute to the Poleveram Island Embankment and the incidence of the charge for Village Drainage.*—Passing orders on letter from the Government of India relative to—.

Ltr to Collr

No 2357
Communicated to the Board of Revenue for report & return of proceedings in para 2 of the list of the above orders.
List 6 Nov 75

4 Fo to Board of Rev De 10 Nos