

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No.	112	Press ~~Mis.~~
Dated.	24-4-1868.	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
24th April 1868.*

No. 570. Read the following Proceedings of the Madras Government in the
Public Works Department.

Passing orders on Memorandum of the results
of a conference on the questions relating to
Irrigation works, and requesting Board of Re-
venue, through the Revenue Department, to
take measures, in communication with the
Accountant General and Controller Public
Works Accounts, for giving effect to the
changes sanctioned.

(Here enter 20th April 1868, No. 1,184.)

No. 571. ORDER THEREON, 24th April 1868, No. 1,112.

Irrigation. No. 3.

Communicated to the Board of Re-
venue, who will as requested in paragraph
9 of the G. O., take the necessary steps to
give effect to the sanctioned changes in the system of bringing Land Revenue Re-
ceipts and Charges to account, in communication with the Accountant General and
the Controller of Public Works Accounts.

(True Extract.)

(Signed) W. HUDLESTON,
Secretary to Government.

To the Board of Revenue.
„ the Accountant General.
„ the Department Public Works.

Exd. S. T. Augustin.

*Proceedings of the Madras Government, Public Works Department,
20th April 1863*

It would, however, be desirable to make this additional grant applicable at the discretion of the Madras Government, either to minor new works or to repairs. It was, therefore, agreed to advise that the increase to the grant from Revenue which would raise the total amount for new minor works and repairs to twenty lacs against fifteen lacs assigned for the coming year, should be allowed in the manner above explained, on the understanding that it would be made exclusively for Irrigation works, and would not be transferable to other works.

(Signed) R. STRACHEY, Colonel, R. E.,
Inspector General of Irrigation Works.

(Signed) J. D. SIM,
Second Member of the Board of Revenue.

MADRAS,
15th February 1863.

(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
Chief Engineer for Irrigation.

CLASSIFICATION OF WORKS.

A. TEMPORARY WORKS, to maintain and regulate supply.

B. COST OF LAND—

- a. Main Canals and Branches.
- b. Distributing Channels.

C. MASONRY WORKS—

1. Main Canals and Branches—

- a. Dams and Regulating works.
- b. Falls and Weirs.
- c. Aqueducts and works to divert or pass drainage across the land.
- d. Escapes.

2. Distributing Channels—

- a. Head Sluices and Regulating works.
- b. Falls and Weirs.
- c. Aqueducts.

3. Drainage, works to provide for the surface drainage of lands traversed by the Canals.

4. Supply of Tanks, including waste weirs, inlets, and sluices of such tanks.

5. Road bridges, not being combined with works for other purposes—

- a. Main Canal and Branches.
- b. Distributing Channels.

6. Navigation, works mainly or essentially designed for navigation.

7. Mills and application of water-power.

8. Buildings, for Offices, Establishments, Stores, Workshops, &c.

D. EARTH-WORKS—

1. Main Canals and Branches—

- a. Excavation of bed.
- b. Embankments or protection of banks.

In first construction, where embanked channels are formed in connection with excavated beds, they would be classed under (a), it being intended that Class (b) should apply to channels formed by embanking natural river beds, and to works for the protection of the banks of such channels.

In maintenance, all clearances would fall under Class (a), and the protection or repair of banks under Class (b).

c. Diversions of drainage, crossing the Canal.

d. Escape Channels.

2. Distributing Channels—

- a. Excavation,
- b. Embankments,

as above explained.

3. Drainage, for surface drainage.

4. Supply of tanks—

- a. Embankments for Reservoirs.
- b. Channels of supply or escape.

5. Navigation channels, restricted as in the case of the masonry works.

6. Mills and application of water-power; channels to supply such works.

E. NAVIGATION PLANT—

1. Steamers.

2. Boats.

3. Stores and other plant.

F. MACHINERY FOR MILLS, &c.

*Proceedings of the Madras Government, Public Works Department,
20th April 1863.*

Revenue Account of the

for the year 1867-68.

Expenditure.			Receipts.			
1. Works of Maintenance and Repair.			1. Irrigation.			
Temporary works	...	...	Land Revenue on irrigated area ...	...	...	...
Masonry do.	...	...	Water-rate	...	...	...
Earth do.	...	...	Acres, Total ...	...	...	...
Navigation plant	...	...	Deduct—			
Water-power machinery. ...	...	...	Land Revenue on irrigated area before construction of works	...	...	...
Total	...	...	Less charges of collection, &c. ...	...	...	...
2. Establishments.			Net deduction...	...	...	...
General	...	...	Gross increase of revenue from irrigation ...	...	...	...
Revenue	...	...	2. Produce of land and plantations ...	...	...	...
Navigation	...	...	3. Navigation ...	...	...	...
Plantations	...	...	4. Water-power ...	...	...	...
Total	...	...	5. Miscellaneous ...	...	...	...
3. Compensations and Remissions.			Total expenditure ...	...	...	...
For short supply	...	...	Balance profit—per cent. on Capital ...	...	...	...
„ flooding	...	...	Grand total ...	...	...	...
„ other causes	...	...				
Total	...	...				
Total expenditure ...	...	...				
Balance profit—per cent. on Capital ...	...	...				
Grand total ...	...	...				

Memorandum of Interest Account.

Memorandum of Capital Account.

	Interest at five per cent.	Other charges	Total.		Works.	Estab-lishments.	Total.
Former balance brought forward	...	...	...	Former outlay brought forward	...	...	...
Add for the current year.	...	...	...	Outlay for the year 1867-68	...	...	...
Total	...	...	...				
Deduct for the current year	...	...	...				
Balance of profit ...	...	...	...				
Balance	...	...	...	Total ...	...	...	...

(N. B.—This account would cease when all arrears of Interest are paid off.)

*Proceedings of the Madras Government, Public Works Department,
20th April 1868.*

10. With regard to the manner in which it may best be possible to provide for the requirements of minor Irrigation works in the Districts of this Presidency, the Committee propose that the minimum cost of works to be undertaken from money obtained from loan should be reduced from Rupees 1,00,000, as originally fixed, to Rupees 25,000. This arrangement will provide the means of carrying out improvements on a class of very useful works, which, in this Presidency, are both numerous and generally of a highly remunerative character. With respect to the allowance to be made from the general revenues for agricultural works, the Government concur in opinion with the Board of Revenue that the grant of about 15 lacs for Ordinary Irrigation new works and repairs in 1868-69 should be increased in future years to 20 lacs, the additional assignment being made available, at the discretion of the Government, for either minor new works or repairs, and as it will be absolutely impossible to diminish the allotments under other heads of service to make up the amount, His Excellency in Council will recommend to the Government of India that an *extra* grant to the required extent be hereafter made to Madras, pending the adoption of an improved system for providing for the repair and maintenance of minor Irrigation Works; a subject which will receive the early consideration of the Governor in Council.

(True Extract.)



Colonel, R. E.,

Secretary to Government.

To the Superintending Engineers.

To Captain Kennedy.

To the Controller of Public Works Accounts.

Accountant General.

Financial Department.

Revenue Department.

