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# MADRAS RECORD OFFICE

## Government of Madras

*Public works*

DEPARTMENT

|             |         |       |
|-------------|---------|-------|
| G.O. No.    | 1453-54 | Press |
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Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,  
30th May 1873.*

No. 423. Read the following letter from Colonel C. H. DICKENS, R. A., Secretary to the Government of India, Public Works Department, (Account—Ir. ation,) to Colonel G. W. WALKER, R. E., Secretary to the Government of Madras, Public Works Department, Irrigation Branch, dated Fort William, 18th March 1873, No. 60 A—I:—

I AM directed to acknowledge the receipt of your letter No. 440, dated 10th February 1873, and in reply to forward herewith, for information and guidance, the orders passed on the Madras Irrigation Budget Estimate for 1873-74.

**MADRAS IRRIGATION BUDGET ORDRES FOR 1873-74.**

UNDER Extraordinary, the Madras Irrigation Budget Estimate for 1873-74 has been framed for a grant of Rupees 12,56,300, but as it is necessary to ensure adherence to the rule, that no works are to be provided for in the Budget for which there is no sanctioned estimate, the provision for the following works, including a proportion of the charges for Establishment and Tools and Plant, is disallowed:—

| Item                                                                                                                                                           | Rs.      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1.—Rooshkoolia Project ... ..                                                                                                                                  | 50,000   |
| 4.—Extension of irrigation, Central Delta of Godavery ...                                                                                                      | 50,000   |
| 5.—Unnomoolunka Project ... ..                                                                                                                                 | 25,000   |
| 11.—Sungum Project ... ..                                                                                                                                      | 20,000   |
| The estimate for this work was submitted to the Government of India, but it has been held over pending receipt of certain information called for in June 1872. |          |
| 14.—Cauvery and Vennaur Head-works ... ..                                                                                                                      | 30,000   |
| (Same remark as in Item 11).                                                                                                                                   |          |
| 15.—Nerinjeppett Project ... ..                                                                                                                                | 20,000   |
| 16.—Perryaur Project ... ..                                                                                                                                    | 50,000   |
| Total ...                                                                                                                                                      | 2,45,000 |

|                            |          |
|----------------------------|----------|
| Add—                       |          |
| For Establishment ... ..   | 73,500   |
| For Tools and Plant ... .. | 17,800   |
| Total...                   | 3,36,300 |

2. These reductions aggregate Rupees 3,36,300, and leave the net amount of the estimate for Extraordinary Works at Rupees 9,20,000. If, during the course of the year, it is found that additional grants are required to provide for expenditure on Extraordinary Works, the estimates for which have been sanctioned as such by competent authority, the Government of India will be quite prepared to consider the propriety of sanctioning an extra allotment to the extent that may be shown to be necessary.

3. Under Ordinary, the Budget Estimate has been prepared for the grant of Rupees 23½ lakhs assigned for the purpose; but considering the short outlay\* of previous years the Government of India consider it necessary to reduce the allotment for next year by Rupees 75,000. And this reduction may conveniently

| Works and Repairs. | Grant.    | Outlay.   | Short outlay. |
|--------------------|-----------|-----------|---------------|
|                    | Rs.       | Rs.       | Rs.           |
| * 1870-71 ...      | 16,50,000 | 15,01,000 | 1,49,000      |
| 1871-72 ...        | 15,50,000 | 13,72,993 | 1,77,007      |

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be made from the grant for Tools and Plant, and from the allotment for Reserve as follows:—

|                    | Tools and Plant. | Reserve. |
|--------------------|------------------|----------|
|                    | RS.              | RS.      |
| Provision ...      | 86,000           | 1,37,060 |
| Less reduction ... | 63,000           | 12,000   |
| Net amount ...     | 23,000           | 1,25,060 |

4. The reductions made will leave the net amount of the grant  
under Ordinary at ... 22,50,000  
And that under Extraordinary at ... 9,20,000

The total grant being ... 31,70,000

thus distributed—

|                                                 | Works.    | Repairs.  | Establishment. | Tools and Plant. | Total.    |
|-------------------------------------------------|-----------|-----------|----------------|------------------|-----------|
|                                                 | RS.       | RS.       | RS.            | RS.              | RS.       |
| <b>CAPITAL ACCOUNT.</b>                         |           |           |                |                  |           |
| <i>Extraordinary.</i>                           |           |           |                |                  |           |
| Godavery Delta Works ...                        | 3,50,000  | ...       | 1,06,646       | 30,274           | 4,86,920  |
| Kistna " ...                                    | 1,13,000  | ...       | 34,431         | 9,774            | 1,57,205  |
| Pennair " ...                                   | 50,000    | ...       | 15,235         | 4,325            | 69,560    |
| Palandorai Project... ..                        | 75,000    | ...       | 22,853         | 6,487            | 1,04,340  |
| Cauvery Works ...                               | 11,300    | ...       | 3,443          | 977              | 15,720    |
| Streeviguntum Works ...                         | 62,000    | ...       | 18,892         | 5,363            | 86,255    |
|                                                 | 6,61,300  | ...       | 2,01,500       | 57,200           | 9,20,000  |
| <i>Ordinary.</i>                                |           |           |                |                  |           |
| Madras Water-supply Project ...                 | 77,000    | ...       | 25,015         | 1,123            | 1,03,138  |
| Chembrumbaukum Tank " ...                       | 50,000    | ...       | 16,244         | 730              | 66,974    |
| State outlay on Guaranteed Irrigation Works ... | 14,000    | ...       | ...            | ...              | 14,000    |
| Minor Works ...                                 | 88,940    | ...       | 28,894         | 1,297            | 1,19,131  |
| Reserve ...                                     | 1,25,060  | ...       | ...            | ...              | 1,25,060  |
|                                                 | 3,55,000  | ...       | 70,153         | 3,150            | 4,28,303  |
| Total Capital Account ...                       | 10,16,300 | ...       | 2,71,653       | 60,350           | 13,48,303 |
| <b>REVENUE ACCOUNT.</b>                         |           |           |                |                  |           |
| <i>Ordinary.</i>                                |           |           |                |                  |           |
| Repairs to Irrigation Works ...                 | ...       | 13,60,000 | 4,41,847       | 19,850           | 18,21,697 |
| Total Ordinary ...                              | ...       | 13,60,000 | 5,12,000       | 23,000           | 22,50,000 |
| Total Ordinary and Extraordinary.               | 10,16,300 | 13,60,000 | 7,13,500       | 80,200           | 31,70,000 |

Of this total it is observed, from paragraph 15 of the Resolution of the Government of India on the Budget Estimate for 1873-74, that Rupees 50,000 under the head "Extraordinary," Tools and Plant, is for expenditure in England. The precise items making up the provision should be stated. Meanwhile the outlay in India should be restricted by that sum.

5. The following orders are passed on the details of the Budget Estimate.

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6. Item No. 17.—*Streeviguntum Anicut Project*—Estimated cost Rupees 8,31,600. Computed outlay to end of 1872-73, Rupees 8,08,622. Grant for 1873-74, Rupees 62,000.—It would appear that the sum sanctioned for this project is likely to be largely exceeded. The Government of India begs the Government of Madras to take such steps as will ensure the submission of a revised estimate for the work without delay. An immediate report should be submitted as to when this is likely to be done, and the probable amount of the revised estimate should be stated at the same time.

The excess over estimate in this and other projects renders it desirable that the Madras Government should send an immediate intimation in cases where it is found that there is likely to be an excess outlay on Extraordinary Works, or Ordinary Works sanctioned by the Government of India.

7. *Provision for Reserve, Rs. 1,37,060, reduced to Rs. 1,25,060.*—It is not in accordance with rule to provide for an amount under this head in addition to the allotment under Minor Works. The amount may, however, remain on the understanding that the Government of Madras will submit for sanction a list of the works in which it is intended to appropriate the amount.

8. *Tools and Plant, Ordinary.*—The provision under this head is Rs. 63,000 in excess of the amount granted for 1872-73. No explanation has been furnished of the cause of this excess, and it must consequently be disallowed.

9. *Repairs.*—The grant for this head of service may stand at Rs. 13,60,000, but it is necessary to point out that for a series of years the grants assigned for repairs have not been fully spent, as follows:—

|             | Grant.    | Outlay.   | Short Outlay. |
|-------------|-----------|-----------|---------------|
|             | RS.       | RS.       | RS.           |
| 1867-68 ... | 10,75,000 | 10,00,053 | 74,947        |
| 1868-69 ... | 10,75,000 | 10,16,257 | 58,743        |
| 1869-70 ... | 10,94,340 | 10,72,519 | 21,821        |
| 1870-71 ... | 12,00,000 | 11,44,826 | 55,174        |
| 1871-72 ... | 12,00,000 | 11,22,500 | 77,500        |

The Government of India will not make any reduction in the provision for 1873-74, but if it is found that, during the course of the year, the amount granted will not be spent, an early intimation should be made so as to admit of the sum being made available for expenditure elsewhere.

10. *Establishment.*—The charges for establishment will have to be debited to the Public Works, and Irrigation grants, and to Provincial and Local Funds in proportion to the expenditure incurred. But with reference to the loan projects, the Government of Madras should be asked to state whether the actual charges could not be ascertained and debited to Extraordinary. On this point the attention of the Government of Madras is drawn to the orders on the Budget Estimate of 1872-73. The matter is important, for, while in the estimate of profits of the several projects the charges for establishment are set down as from 15 to 20 per cent., the Budget Estimate indicates that they will form 30 per cent. If the per-centage cannot be reduced, it would be as well to recognize the circumstance, and to revise the estimates for the several projects accordingly.

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11. *General remarks.*—While admitting the progress made in separating the Irrigation from the regular Public Works Accounts as evidenced by the submission of this distinct Budget Estimate, the Governor General in Council considers that much remains to be done in classifying and arranging the Capital and Revenue outlay on Irrigation Works. A commencement of such classification and arrangement could have been made in the present Budget, so far as the larger and Loan Fund Projects are concerned. On this point it has to be noticed that the charges for Establishment and Tools and Plant have not been shown distinctly for each project as ought to have been done, the distribution being one of proportion only. The grant for Repairs has not been shown by projects, but in a lump sum only, while the entries for the several works have not been classified under the prescribed heads, such as purchase of land, earthworks, masonry works, etc.

12. As regards the apportionment of the grant for repairs by projects, it is not understood what difficulty is experienced in showing the sum required for the larger works, such as the Godavery, Kistna, Cauvery, and Pennair Delta works. It is true that some difficulty would be experienced in distributing the grants to the numerous tanks and small works until they have been grouped and classified, but this is not the case in the matter of the larger projects entered in the Statement of Remunerative Works, or on which Loan Funds have been expended, and the Government of Madras should, therefore, be asked to state the portion required for Repairs, Minor Works, and Establishment debitable to the Revenue Account of such works.

13. In respect to the classification of the several works under the prescribed heads, such as purchase of land, earthwork, etc., the amounts for the several projects entered against Loan Funds ought to be easily obtainable from the estimates, and this should be done.

**IRRIGATION REVENUE.**

14. The estimate for Irrigation revenue to be realized by Public Works Officers has been accepted for the sum of Rupees 50,000, consisting of the following items, viz. :—

|                          |     |     |     |     |     |       |        |
|--------------------------|-----|-----|-----|-----|-----|-------|--------|
| Receipts from navigation | ... | ... | ... | ... | ... | ...   | RS.    |
| Sales of Canal produce   | ... | ... | ... | ... | ... | ...   | 47,300 |
|                          |     |     |     |     |     |       | 2,700  |
|                          |     |     |     |     |     | Total | 50,000 |

These receipts appear derived from two works only, viz., the Godavery and Kistna Irrigation Projects. The pattern form requires that the receipts from each project should be shown separately, compared with the Regular Estimate and the actual receipts of the previous year, and the Government of Madras is requested to cause this to be done, and to add at the foot of the estimate the rate of tolls leviable on the canals.

15. In conclusion, it has to be noticed that unusual delay has occurred in the submission of the Budget Estimate. Punctuality is essentially necessary.

(Signed) C. H. DICKENS, Colonel, R. A.,  
Secretary to the Government of India.

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No. 424. ORDER THEREON, 30th May 1873, No. 1,453.

ESTABLISHMENT, No. 58.

COMMUNICATED to the Chief Engineer for Irrigation and to District Engineers.

2. It was the intention of this Government, with reference to a recent despatch from the Secretary of State, to have surrendered the grants enumerated in paragraph 1 on the ground on which they are now withdrawn by the Government of India.

3. The Chief Engineer for Irrigation will furnish particulars of the items of charges under Tools and Plant proposed to be met from the Extraordinary grant of Rupees 50,000.

4. Lieutenant-Colonel Mullins is requested to expedite the submission of the revised estimate called for in paragraph 6. His particular attention is requested to the second clause of the same paragraph.

5. Adverting to paragraph 7, it is observed that the term "Minor Works" has been adopted in the new form of Irrigation Budget (Part II.) with the object of grouping works of that character, the estimated cost of which exceeds Rupees 2,500, in contradistinction to works the estimates for which being below that limit cannot be included in the Budget. The Reserve is intended to provide for works of this latter class, as also for others the necessity for which cannot at present be foreseen. Rupees 73,000 of the amount thus reserved has been as usual placed at the disposal of District Engineers and the Chief Engineer for Irrigation to meet outlay on Minor New Works estimated to cost Rupees 750 and under, and the amount at the disposal of Government, taking the reduction of the Government of India into account, is thus only Rupees 52,000.

6. Adverting to paragraph 8, it is observed that in 1872-73 the estimate for London supplies for all services (Extraordinary excepted) amounted to only Rupees 10,000, i. e., Rupees 6,000 for articles newly indented for and Rupees 4,000 on account of stores which were expected during the year on previous indents. The estimate for 1873-74 amounts to Rupees 38,200 on the former and Rupees 44,000 on the latter account, making a total of Rupees 82,200. The estimate of Indian charges is Rupees 50,000, and its distribution is shown in paragraph 17 of the orders on the Budget for 1873-74. Of that sum Rupees 20,000 are held at the disposal of Government chiefly to meet charges which will have to be incurred in the maintenance of valuable floating stock in the Godavery and Kistna Deltas, and which, owing to the utter insufficiency of the grants of previous years, could but be very inadequately provided for; Rupees 20,000 are to be at the disposal of the General Superintendent of Public Works Stores, and from both these sources it will also be necessary to make grants for the purchase of office furniture which the recent re-organization of the department will render necessary. Under these circumstances, and on the principle of a ratable contribution, the charge on the Agricultural grant in 1873-74 will, it is expected, be heavier than in the previous year. The amount contributed from each head of service is given in paragraph 16 of the orders of the Government on the Budget.

7. The General Superintendent of Public Works Stores will be requested, through the District Engineer, Presidency, to furnish a memorandum of the stores

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expected from England and the specific purposes for which they have been applied for.

8. The Chief Engineer for Irrigation will, in communication with the Controller, report on the points noticed in paragraphs 10 to 13, and state how far it is practicable at present to meet the wishes of the Government of India, and what progress will be made before the preparation of the next Budget to ensure the forms prescribed by that Government being more closely followed.

9. The Controller will furnish the estimates of Irrigation Revenue in the form required by the Government of India.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,

Secretary to Government.

No. 425.

(DOCKET No. 1,451, dated 30th May 1873.)

Copy of the above forwarded to the Government of India.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,

Secretary to Government.

N<sup>o</sup> 1453 P. W. D.

Proc. of the Madras Govt.

Read the following:-

From the Govt. of India (H. R. Webb & Co. 18th March 73)

Communicated to  
the Chief Engineer for  
Irrigation and to Dis-  
trict Engineers.

It was the inten-  
tion of the Government  
with reference to a recent  
despatch from the  
Secretary of State to  
have surrendered the  
grants enumerated  
in Para 1 on the

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ground on which they  
are now withdrawn by  
the Government of  
India.

The Chief Engineer  
for Irrigation will fur-  
nish particulars of  
the items of charges  
under Tools and Plant  
proposed to be met  
from the Extraordinary  
grant of Rs. 50,000.

Lieutenant Colonel  
Mullins is requested  
to expedite the submis-  
sion of the revised  
Estimate called for in  
Para 6, and furnish  
the immediate report  
therein required. His  
particular attention

Letter No. 2301-4/13

is requested to the second  
clause of the same Para.

Adverting to Para-  
7 it is observed that  
the term "Minor Works"

has been  
adopted in the new  
form of Irrigation  
Budget / Part II / with  
the object of grouping  
works of that character,  
the estimated cost of  
which exceeds Rs. 2,500,  
in contradistinction to  
works, the estimates for  
which being below that  
limit cannot be in-  
cluded in the Budget.  
The Reserve is intended  
to provide for works  
of this latter class.

as also for others the ne-  
cessity for which cannot  
at present be foreseen.

Rs. 43,000 of the amount  
thus reserved has been  
as usual placed at the  
disposal of District  
Engineers and the  
Chief Engineer for  
Irrigation to meet prob-  
ably on minor new  
works estimated to cost  
Rs. 450 and under; and  
the amount at the dis-  
posal of Government,  
taking the reduction of the  
Government of India in-  
to account, is thus only  
Rs. 52,060.

Adverting to Para  
8 it is observed that in

1872/3, the Estimate for  
London supplies for all  
services/Extraordinary ex-  
-cepted/amounted to only  
Rs. 10,000: i.e. Rs. 6,000  
for articles newly indent-  
-ed for and Rs. 4,000  
on account of stores which  
were purchased during the  
year on previous indents.  
The Estimate for 1873/4  
amounts to Rs. 38,200  
on the former and Rs.  
44,000 on the latter  
account, making a total  
of Rs. 82,200. The esti-  
-mate of Indian charges  
is Rs. 50,000, and its  
distribution is given  
in Para 14 of the  
orders on the Budget  
for 1873/4. Of that

as Rs 20,000 are held  
at the disposal of Govern-  
ment chiefly to meet  
charges which will  
have to be incurred  
in the maintenance  
of valuable floating  
stock in the Godavari  
and Krishna Deltas,  
and which owing to the  
utter insufficiency of  
the grants of previous  
years, could but be  
very inadequately pro-  
vided for. Rs. 20,000  
are to be at the disposal  
of the General Super-  
intendent of Public  
Works Stores, and from  
both these sources it  
will also be necessary  
to make grants for the  
purchase of Office

furniture, which the  
recent re-organization  
of the Department  
will render necessary.  
Under these circumstances,  
and on the principle of  
a payable contribution the  
charge on the Agriculture  
grant in 1893/4  
will, it is expected be  
heavier than in the  
previous year. The  
amount contributed  
from each head of  
service is given in Para  
16 of the orders of the  
Government on the  
Budget.

The General Su-  
perintendent of Public  
Works Stores will be  
requested, through the  
District Engineers

Presidency, to furnish  
a Memo. of the stores  
expected from England  
and the specific pur-  
poses for which they  
have been applied  
for.

The Chief Engineer  
for Irrigation will in  
communication with  
the Controller, report  
on the points noticed  
in Paras 10 to 13, and  
state how far it is  
practicable, at present  
to meet the wishes of the  
Government of India,  
and what progress  
will be made before  
the preparation of the  
next Budget to procure  
the forms prescribed

by that Government,  
being more closely fol-  
lowed.

5 to the Chief Eng<sup>r</sup> for Irrigation  
13 " District Engineer  
15 " Controller of P. W. Works  
6 " Public Department  
6 " Financial Dept  
11 " Revenue Dept  
10 " Military Department  
OO

Draft 7-6-73

The Controller will  
furnish the Estimates  
of Irrigation Revenue  
in the form required  
by the Government  
of India.

Docket No. date  
No. 1454

Copy of the  
above forwarded to  
the Government of  
India - G.M.W.

Draft 7-6-73

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Ch. 1983.

Govt. of Madras

PUBLIC WORKS.

The Chief Engineer  
And  
To the Secretary to the  
Govt. of India

Date

Loc.

Dist. /

G. O. 30<sup>th</sup> May 1873. No 1453-1454.

No. 1123-1124 & 1125

Madras Irrigation Budget  
Estimate for 1873/74 -

Passing orders on letter  
from the Govt. of India  
forwarding the orders  
passed on the budget.

Forward copy of Pro.  
on Orders of the Govt. of India on  
the Madras Irrigation Budget Est.  
1873/74.