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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No.	135-36	Press
		~~Mis.~~
135-37		
Dated	7 4	1872.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
9th April 1872.*

No. 135. Read the following letter from the Secretary to the Government of India, Public Works Department, (Account,) to the Secretary to the Government of Madras, Public Works Department, (Irrigation Branch,) dated Fort William, 12th March 1872, No. 97 A—I:—

I AM directed to acknowledge the receipt of your letter No. 561, dated 29th January 1872, and, in reply, to forward herewith, for information and guidance, the orders passed on the Madras Irrigation Budget Estimate for 1872-73.

Madras Irrigation Budget Orders, 1872-73.

THE sum granted for expenditure on Ordinary Irrigation Works in Madras during 1872-73 was Rupees 20 lakhs, but with reference to the recent correspondence on the subject with the Government of Madras the Governor-General in Council has been pleased to increase the Ordinary Agricultural grant to Rupees 23½ lakhs.

2. For Extraordinary Irrigation Works the grant assigned was Rupees 12 lakhs, but the estimate submitted amounts to Rupees 11 lakhs only, and this sum is accordingly allowed. But it may be added that if during the course of the year it is found that additional loan funds are required to admit of rapid progress on works entered in the Budget Estimate, or for works the estimates for which may be sanctioned as Extraordinary, the Government of India will be prepared to sanction an extra grant for the purpose. Meanwhile the total Agricultural grant to be dealt with in these orders will be—

	RS.
Ordinary	23,25,000
Extraordinary	11,00,000
Total...	34,25,000

3. The Budget Estimate for Irrigation Works, as submitted by the Government of Madras, forms a portion of the Budget Estimate for General Public Works, but as it has been decided that the Irrigation expenditure should be recorded under main heads "Capital" and "Revenue," it is necessary, in order to admit of this being done, that that portion of the general Budget relating to Irrigation Works should be dealt with separately, and that the Irrigation grant should be divided off under the heads in which it is essential that the expenditure should be recorded.

4. In this view the provision for Irrigation Works in Madras is passed as follows:—

	Works.	Establishment.	Tools and Plant.	Total.
CAPITAL ACCOUNT.	RS.	RS.	RS.	RS.
<i>Extraordinary—</i>				
Reeshkoolia Project	25,000	17,000	1,000	43,000
Extension of Irrigation in Western Delta of Godavery	3,00,000	40,000	12,000	3,52,000
Irrigation Works in Kistna Delta	1,20,000	40,000	2,200	1,62,200
Perriyar Project, Madura... ..	50,000	36,200	1,000	87,200
Pennair Aicut, Nellore	65,000	18,000	1,000	84,000
Improvements to Sungum Project	50,000	10,000	1,000	1,21,000
Palanderai Project... ..	60,000			
Cauvery and Vennaur works	1,16,000	15,800	2,000	1,33,800
Straceygunnum Aicut Project	91,000	24,800	1,000	1,16,800
Total...	8,77,000	2,01,800	21,200	11,00,000

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	Works.	Establishment.	Tools and Plant.	Total.
	RS.	RS.	RS.	RS.
CAPITAL ACCOUNT.—(Concluded.)				
<i>Ordinary—</i>				
Madras Water Supply Project	80,000	20,000	2,000	1,02,000
Chembrumbaukum Tank Project	50,000	10,000	1,000	61,000
State outlay on Guaranteed Irrigation Works	16,000	...	...	16,000
Minor Works	1,20,200	26,000	1,000	1,47,200
Total...	2,66,200	56,000	4,000	3,26,200
Total Capital Account...	11,43,200	2,57,800	25,200	14,26,200
REVENUE ACCOUNT.				
<i>Ordinary—</i>				
Repairs to Irrigation Works	12,00,000	3,57,123	19,000	15,76,123
Conservancy Establishment	...	97,677	...	97,677
Total Revenue...	12,00,000	4,54,800	19,000	16,73,800
Total...	14,66,200	5,10,800	23,000	20,00,000
<i>Reserve Ordinary—</i>				
Additional grant herein allowed	...	...	...	3,25,000
Grand Total Ordinary	...	...	...	23,25,000
Total Ordinary and Extraordinary...	...	...	...	31,25,000

Proposals for the specific appropriation of the additional grant herein allowed should be submitted for the orders of the Government of India as soon as possible.

5. Of the total expenditure the Home estimates provide for an outlay of Rupees 500 on the Kistna Anicut under the head Extraordinary, and Rupees 8,250 for Tools and Plant under the head Ordinary. The sums available for expenditure in India will thus be only Rupees 34,16,250, distributed as follows:—

	Ordinary.	Extraordinary.	Total.
	RS.	RS.	RS.
Capital	3,26,200	10,99,500	14,25,700
Revenue	16,65,550		16,65,550
Reserve	3,25,000		3,25,000
Total...	23,16,750	10,99,500	34,16,250

6. Of the works provided for under Capital Extraordinary, those noted in the margin are passed provisionally only,

Rooshkoolia Project.
Sungum Project—Improvements.
Perryaur Project.

necessary estimates have been sanctioned as Extraordinary by the Government of India.

7. The information required by the Government of India before passing the final estimate for the Madras Water Supply Project should be submitted with the least possible delay.

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8. In the cases noted in the margin, the charges for establishment are apparently very high, and will enhance materially the Capital account of the several undertakings. This is necessarily the result of apportioning the charges for establishment in the ratio of the expenditure incurred, instead of according to the actual incidence of the outlay. Every endeavour should be made to adjust the establishment charges in the latter way, so as to prevent works which are concentrated, and which consequently only require a small establishment, being debited with a high charge.

9. The provision for State expenditure on guaranteed irrigation works amounts to Rupees 16,000, namely:—

Establishment	5,000
Purchase of land	11,000
	16,000

But now that the post of Consulting Engineer for Irrigation Works has been abolished, explanation should be furnished of the necessity for retaining the Office Establishment noted in the margin, and providing Rupees 600 for Office Contingencies.

10. The Revenue estimate of the Irrigation and Canal Company shows the following results:—

	Budget Estimate, 1872-73.	Regular Estimate, 1871-72.	Total.
	RS.	RS.	RS.
Receipts	50,000	15,000	65,000
Working expenses	75,792	61,377	1,37,169
Deficit	25,792	46,377	72,169
Balance in favour of Revenue at the end of 1870-71	...	...	21,864
Probable net deficit at end of 1872-73	...	...	50,305

11. There are no additional funds available to meet this deficit, and the Government of Madras must, therefore, arrange to provide for it out of the Ordinary Agricultural grant. On this point attention is invited to Public Works Department Resolution No. 41 A—I, dated 23rd February 1871, and as an additional allotment of Rupees 3,25,000 has been herein assigned under ordinary, there will probably be no difficulty in carrying out the orders contained in that Resolution.

12. The provision for repair and maintenance of Irrigation Works has been shown in one item, but the Government of Madras should divide off the anticipated outlay on these accounts amongst the several Irrigation Works, for which a distinct Capital or Revenue Account is kept. The establishment charges should be divided off in like manner. In the case of petty works, the Capital and Revenue Accounts of Minor works may be kept by districts, or in any other way considered

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suitable by the Government of Madras, so as to reduce the number of distinct Accounts, and the Establishments and Repairs charged off accordingly, but the classification laid down in the Irrigation Budget form must be maintained. A memorandum of the actual division made should be submitted for the orders of the Government of India.

13. The accounts of Irrigation expenditure for next year will have to be recorded by projects under the main heads Capital and Revenue. On this point separate instructions will be issued.

IRRIGATION REVENUE.

14. For direct receipts, such as tolls, etc., the estimate for 1872-73 may be assumed at Rupees 45,000.

FORT WILLIAM,
8th March 1872.

(Signed)

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

No. 136.

ORDER THEREON, 9th April 1872, No. 935.

ACCOUNT, No. 12.

COMMUNICATED to the several departments of the Secretariat, to the Chief Engineer for Irrigation, and to Superintendent of Agricultural works.

2. The Government of India assign an additional grant of 3½ lakhs of Rupees for ordinary Agricultural works. In the representation made to that Government in November last, regarding the inadequacy of the Agricultural assignment to this Presidency, this Government expressed its concurrence in the opinion of the Public Works Commission that the annual grant for Repairs should not be less than Rupees 13,60,000. The amount already provided in the Budget for this purpose is Rupees 12 lakhs, and the Honourable the Governor in Council resolves to recommend to the Government of India that of the additional 3½ lakhs sanctioned by that Government Rupees 1,60,000 shall be appropriated in supplementing the grants for repairs in the following districts:—

	Rs.
Ganjam.	9,000
Vizagapatam	10,000
Godavery	25,000
Kistna	20,000
Nellore	25,000
Kurnool	5,000
Chingleput	15,000
North Arcot	5,000
South Arcot	9,000
Tanjore	10,000
Trichinopoly	10,000
Madura	17,000
	1,60,000

3. These appropriations will leave Rupees 1,65,000, from which Rupees 50,305 being set apart to meet the anticipated deficit in the Revenue estimate of the Madras Irrigation and Canal Company, a sum of Rupees 1,14,695 will be available for original works, and on a re-consideration of the demands made by Superintending Engineers in their Budget lists the Government resolve to recommend that the following grants be made:—

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9th April 1872.*

Executive Division.	Projects.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1872.	Estimate 1872-73.	Remarks or References.
			AGRICULTURAL.				
Godavery	...	...	Constructing new drop weir at the end of the Samulcotta canal	2,650	...	2,650	G. O., No. 1,149 of 1871.
Kistna	...	Budam	Channel with subsidiary works for the better supply of Budam and Alloor lands	46,420	23,429	23,000	G. O., No. 2,598 of 1870.—Item No. 31 of Budget of 1871-72.
Do. ...	...	Pedacuncherla	Restoring the Pedacuncherla tank.	23,730	7,000	10,000	G. O., No. 3,008 of 1870.—Item No. 46 of Budget of 1871-72.
Do. ...	...	Masulipatam	Drainage channel from Sevagunga sluice to the tidal creek	21,360	4,426	10,000	G. O., No. 1,928 of 1869.
North Arcot	...	Seesamangulam	Re-opening the Seesamangulam supply channel	10,375	3,000	7,200	G. O., No. 313 of 1872.—Item No. 37 of Budget of 1871-72.
Salem	...	Ahtoor	Constructing a tank at Valayamadavy	8,670	3,659	5,010	G. O., No. 3,587 of 1863.
Do.	...	Chinnakistnapuram	Do. do. at Chinnakistnapuram.	8,074	6,651	1,423	G. O., No. 3,015 of 1868.
Trichinopoly	...	Koolitaly	Improvement of the Nunga Voical...	12,500	7,701	2,400	Rupees 2,400 to be borne by Meras-dars. See G. O., No. 1,034 of 1870.—Item No. 43 of Budget of 1871-72.
Tinnevely	...	...	Maintenance of buildings and channels connected with Streeviguntum Project	8,400	...	8,400	Vide letter to the Government of India No. 933 dated 8th April 1872 and G. O., No. 932 of 1872.
			Total ...	...	...	70,080	

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These allotments aggregate Rupees 70,080, and will still leave a sum of Rupees 44,615, which the Government do not consider it expedient at present to appropriate. The balance of the Reserve under Agricultural, after deducting the grants for Minor New Works, is only Rupees 47,200, and as this amount is not likely to suffice to meet demands on account of incomplete and such other works as the Superintending Engineers may propose for execution in the lists usually submitted by them soon after the commencement of the official year, the sanction of the Government of India will be requested for adding the sum of Rupees 44,615 above referred to, to the Reserve.

5. The attention of the Superintending Engineers of the 1st, 2nd, and 8th Divisions will be specially drawn to the instructions in paragraph 6, and separate orders will be passed with reference to paragraph 7.

6. The Chief Engineer for Irrigation will furnish the explanation called for in paragraph 9.

7. The Government of India will be separately addressed on the subject of paragraph 12, with reference to the orders which will be immediately issued regarding the steps to be taken for placing the Capital and Revenue Accounts of Irrigation works on a proper footing.

(True Extract.)

(Signed) J. CARPENDALE, Colonel, R.E.,
Secretary to Government.

No. 137.

(DOCKET No. 936, dated 9th April 1872.)

Copy of the above forwarded to the Government of India, with a view to sanction being accorded to the proposals submitted for the appropriation of the extra grant of 3½ lakhs of Rupees.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

Lt. S. T. Augustin.

1872
27
No. 935
7
Communicated to the
several Departments of the
Secretariat, to the Chief Engi-
neer for Irrigation, and to
Superintending Engineers in
continuation of G.O. No. 269 dated
29th January 1872.

J.S.

The Government of
India assign an additional
grant of 3¼ lacs of Rupees for
ordinary Agricultural works.
In the representation made to
that Govt. in November last
regarding the inadequacy
of the Agricultural assign-
ment

assignment to this Presidency.
 This Govt. expressed its con-
 currence in the opinion of
 the Public Works Commission
 that the annual grant for
 Repairs should not be less
 than Rs. 13,50,000. The amount
 already provided in the Bud-
 get for this purpose is Ru-
 pees 12 lacs, and the Honorable
 the Governor in Council re-
 solves to recommend to the
 Govt. of India that of the
 additional $3\frac{1}{4}$ lacs sanctioned
 by that Govt. Rs. 1,50,000 ^{shall} be
 appropriated in supplement-
 ing the grants for Repairs
 in the following Districts:

Barjam.....	Rs. 8,000
Vizagapatam.....	10,000
Godavery.....	25,000
Elitna.....	20,000
Nellore.....	5,000

	Rs.
Kurnool.....	5,000
Chingelput.....	15,000
North Arcot.....	5,000
South Arcot.....	9,000
Tanjore.....	10,000
Tiruchinopoly.....	10,000
Madurai.....	17,000

These appropriations will
 leave Rs. 11,50,000, from which Rs.
 50,305 being set apart to meet the
 anticipated deficit in the Re-
 venue estimate of the Madras
 Irrigation and Canal Company,
 a sum of Rs. 1,14,695 will be
 available for original works
 and on a reconsideration of
 the demands made by Super-
 intending Engineers in their
 Budget lists the Government
 resolve to recommend that
 the following grants be made:

Revenue Division	Locality	Project Description	Amount ^{Proposed} _{Estimated} 1872-73	Remarks or References
<u>Agricultural</u>				
Godavery		Constg. new drop weir at the end of the Samalatha canals	2650 . . . 2650	Gr No 1149 of 1871.
Kistna		Budam. Channel with subsidiary works for the better supply of Budam and alluv lands	46420 23420 23000	Gr No. 2598 of 1870. Gr No 31 of Budget of 1871-72.
do		Pedauncherla Rectifying the Pedauncherla Tank	23730 7000 10000	Gr No. 3008 of 1870. Gr No 46 of do
do		Mainitatom. Drainage channel from Jirayanga sluice to the Tidal creek	21360 4426 10000	Gr No 1928 of 1869.
North Arcot		Pecumangalam Rectifying Pecumangalam supply channel	10375 3000 7200	Gr No 313 of 1872. Gr No 207 of Budget of 1871-72.
Salem		Aktoor Constg. a tank at Talayamattay	3670 3659 500	Gr No 3587 of 1863.
do		Chinnakishna do at Chinnakishnapuram	8074 6657 1420	Gr No 3015 of 1868.
Tichinopoly		Hosletallay Improvement of the Ninya Tical	12500 7701 2400	Rs 2400 to be borne by Mirasdars. See Gr No. 1034 of 1870. Gr No 43 of Budget of 1871-72.
Tumervelly		Maintenance of Ditching & Channels connected with Shreeganbham Project	8400 . . . 8400 <u>70080</u>	Gr No. of 1872.

These allotments aggregate
Rs. 70,080 and will still leave
a sum of Rs. 44,615 which the
Government do not consider
it expedient at present to ap-
propriate. The balance of the
Reserve under Agricultural,
after deducting the grants
for Minor New works is only
Rs. 47,200 and as this amount
is not likely to suffice to meet
demands on account of in-
complete and such other works
as the Superintending Engineers
may propose for execution in
the lists usually submitted
by them soon after the com-
mencement of the official
year, the sanction of the
Government of India will
be requested for adding the
sum of Rs. 44,615 above
referred

13
referred to, to the Reserve.

The attention of the
Superintending Engineers of
the 1st 2^d and 8th Divisions
will be specially drawn to
the instructions in para 6,
and separate orders will be
passed with reference to para 7.

The Chief Engineer for
Irrigation will furnish the ex-
planation called for in para 9.

The Government of
India will be separately
addressed on the subject
of Para 12 with reference
to the orders which will
be immediately issued
regarding the steps to be
taken for placing the
Capital and Revenue
Accounts of Irrigation
works

works on a proper footing.

Docket No. 27.

Copy of the above
forwarded to the Govt. of
India with a view to sanc-
tion being accorded to
proposals submitted for the
appropriation of the extra
grant of $3\frac{1}{4}$ lacs of Rupees.

Grant 27.

Desp 11/4/72
Spec. epus-

To The Asst. Engineer
Major Kennedy
Ch. Engineer
Controller
Public Dept
Rev.
Secy
Stdy

Desp 11/4/72

Desp 11/4/72

Recommending to
Sanction proposals for
tributing to the addition
Sum of Rs. $3\frac{1}{4}$ lacs grant
under Ordinary Grant

C/1370

Govt. of 1872, Madras.

PUBLIC WORKS.

To The Superintendent Engineer.

And
To The Secretary to the Govt.
of India

Dated

Recd.

Encl. /

G. O. 9th April No. 935.

Nos. 135-136 & 137

Madras Irrigation Budget
Estimate for 1872/73. Orders
of the Govt of India on the
Madras Irrigation Budget
Estimate for 1872/73,
Comd to the W & A Dept
& Officers concerned
with instructions.