

(1) Number of pages_____

(2) Date of repair_____

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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2608	Press	<i>Original</i>
B.P. No.		Misc.	
Dated	27. 9	195	
		1876	

Not to be folded or roughly handled

LIST OF G O S, &c, CONNECTED WITH THE FINAL ISSUE OF THE
IRRIGATION BUDGET FOR 1876-77. G O, No 2,603, of 27TH
SEPTEMBER 1876

G O, No	2,577, dated 6th Aug 1869	G O, No	2,735, dated 21st Sept 1875
" "	2,300, " 23rd Sept 1870	" "	2,741, " 21st " "
" "	2,335, " 28th " "	" "	2,757, " 23rd " "
" "	1,389, " 20th May 1871	" "	2,765, " 24th " "
" "	1,523, " 6th June "	" "	2,779, " 29th " "
" "	2,792, " 4th Nov "	" "	2,780, " 29th " "
" "	2,925, " 18th " "	" "	2,781, " 29th " "
" "	220, " 24th Jan 1872	" "	2,801, " 29th " "
" "	1,251, " 14th May "	" "	2,840, " 2nd Oct "
" "	2,416, " 14th Oct "	" "	2,841, " 2nd " "
" "	254, " 27th Jan. 1873	" "	2,931, " 14th " "
" "	477, " 27th Feb 1874.	" "	2,935, " 14th " "
" "	616, " 9th Mar "	" "	2,960, " 15th " "
" "	1,174, " 4th May "	" "	2,962, " 16th " "
" "	1,217, " 7th " "	" "	3,021, " 27th " "
" "	1,344, " 20th " "	" "	3,061, " 28th " "
" "	2,003, " 24th July "	" "	3,186, " 8th Nov "
" "	2,094, " 31st " "	" "	145, " 18th Dec. "
" "	2,693, " 21st Sept "	" "	79, " 14th Jan 1876
" "	9, " 1st Oct "	" "	171, " 22nd " "
" "	2,812, " 3rd " "	" "	{ 217, } " 27th " "
" "	2,991-A, " 20th " "	" "	{ 218, } " 27th " "
" "	3,342, " 26th Nov "	" "	{ 348, } " 8th Feb "
" "	4, " 4th Jan 1875	" "	{ 349, } " 8th Feb "
" "	198, " 23rd " "	" "	375, " 12th " "
" "	{ 475, } " 17th Feb "	" "	497, " 23rd " "
" "	501, " 20th " "	" "	{ 696, } " 17th Mar "
" "	1,227, " 1st May "	" "	{ 697, } " 17th Mar "
" "	1,338, " 10th " "	" "	698, " 17th " "
" "	1,374, " 14th " "	" "	708, " 18th " "
" "	1,415, " 21st " "	" "	{ 710, } " 18th " "
" "	1,418, " 22nd " "	" "	{ 711, } " 18th " "
" "	1,496, " 31st " "	" "	770, " 27th " "
" "	1,621, " 9th June "	" "	795, " 29th " "
" "	1,738, " 19th " "	" "	806, " 30th " "
" "	1,493, " 9th July "	" "	830, " 31st " "
" "	1,968, " 10th " "	" "	831, " 31st " "
" "	2,039, " 17th " "	" "	1,010, " 21st April "
" "	2,080, " 22nd " "	" "	1,101, " 5th May "
" "	2,181, " 27th " "	" "	1,111, " 3rd " "
" "	2,234, " 4th Aug "	" "	1,134, " 8th " "
" "	2,540, " 8th Sept "	" "	1,505, " 17th June "
" "		" "	1,972, " 2nd Aug "

Chief Engineer's issue, No 694, 7th September 1874, and references marked as former cases
on back

Do do, " 1,074, 21st December 1874

Do do, " 1,284, 6th November 1875, with references marked as former cases
on back

✓

*Proceedings of the Madras Government, Public Works Department,
27th September 1876. No 2,608*

No 507

Read the following —

Revised Irrigation Budget Estimate for 1876-77.

SUBMITTED to Government

2 The Budget Estimate has been made up under Extraordinary and Ordinary, for the amounts assigned by the Government of India in their orders on the preliminary issue, dated 27th March 1876

3 The distribution does not agree with that made by the Government of India to classes under Extraordinary and to Fund-heads, Classes, &c, under Ordinary, because—

(1) The Government of India directed reappropriations to be made to cover the cost of the Chief Engineer for Irrigation, and the Special Revenue Officer and their establishments

(2) The minor irrigation works of the Presidency have been transferred under recent orders of this Government to the Ordinary Agricultural fund category

(3) Grants have been redistributed in accordance with the recommendations of local officers, or in conformity with the suggestions of the Government of India

4 The compilation now presented is a far more complete and perfect estimate than any which has issued since the classification of irrigation expenditure has been attempted in this Presidency. The work of compilation has been carried out by Lieutenant Christie, R E, the Deputy Examiner of Public Works Accounts, to whom the credit of the results obtained is due. The labor involved has been very great. The delay in the submission of the Budget is in great measure due to the length of time taken by Government Press in printing the estimates and carrying out proof corrections

OOTACAMUND,
September 1876

(Signed) A DE C. SCOTT, Major, R E,
Under Secy. to Govt. P W D,
for Joint Secretary.

No 507-A

ORDER THEREON, 27th September 1876, No. 2,608.

IRRIGATION, No 52.

Account

THE revised Budget Estimate for 1876-77 is issued for a total of Rupees 4,56,000 under Extraordinary, and Rupees 27,22,000 under Ordinary, including in each case expenditure in England.

*Proceedings of the Madras Government, Public Works Department,
27th September 1876 No 2,608.*

2 The following statement compares the estimates under the several 'Funds' and 'Classes' in the preliminary and final issue —

Fund-classes	Preliminary Issue.	Final Issue	Increase in Final Issue	Decrease in Final Issue
	RS	RS	RS	RS
CAPITAL Extraordinary				
Works	3,73,283	3,66,080		7,203
Establishment ..	93,320	1,00,520	7,200	...
Tools and Plant ..	49,430	49,400		30
Total, Extraordinary	5,16,033	5,16,000		33
CAPITAL Ordinary				
Works	4,99,122	38,749		4,60,373
Establishment ..	1,24,680	52,140		72,540
Tools and Plant ..	85,022	42,550	..	42,472
State outlay on Guaranteed Irrigation Works ..	10,500	10,500	..	...
Total ..	7,19,324	1,43,939		5,75,385
Revenue				
Extensions and Improvements ..		29,775	29,775	
Maintenance and Repairs	13,76,175	4,16,600	..	9,59,575
Establishment	4,87,370	2,24,094		2,63,276
Tools and Plant	97,738	83,700		14,038
Total ..	19,61,283	7,54,169		12,07,114
ORDINARY Agricultural				
Original Works	1,23,630	4,00,592	2,76,962	
Repairs	1,48,825	9,90,625	8,41,800	
Establishment	68,100	4,06,165	3,38,065	...
Tools and Plant		26,510	26,510	
	3,40,555	18,23,892	14,83,337	
Total, Ordinary ..	30,21,162	27,22,000		2,99,162

3 The great differences between the preliminary and final issues, especially under 'Ordinary,' are due to four causes —

- Reductions ordered by the Government of India
- Reappropriations to provide for omissions in the preliminary estimates for establishment
- Errors of classification in the preliminary issue
- Changes of classifications decided upon after the preparation of the preliminary estimate and announced in G O, No 1,504, dated 17th June 1876

To trace in detail in a narrative form the mingled effects of these several causes would be difficult and confusing, the main features of the changes under the two great heads "Extraordinary" and "Ordinary" will, however, be mentioned. The changes under 'Ordinary Works' are shown in considerable detail in a tabular form in Appendices E and F

*Proceedings of the Madras Government, Public Works Department,
27th September 1876. No 2,608*

Extraordinary

4. In the preliminary estimate no provision was made for the Office of the Chief Engineer for Irrigation. The share debitable to Extraordinary amounts to Rupees 9,000, which has been provided as follows —

By reduction of appropriations for works

	RS
Kistna Delta System, Ryves' canal new head .. .	3,550
Do do, Inampudi under tunnel ..	1,070
Streaviguntum anicut, Karumpullem tank ..	2,580
	<u>7,200</u>
Add consequent reduction of estimate for share of General Establishments at 25 per cent	1,800
Total ..	9,000

There is still a deficit of Rupees 10,000 under Establishment; the grant allowed by the Government of India for share of General Establishment being less by Rupees 10,000 than 25 per cent. on the grant for works. The short provision is under the Godavery Delta System, and the District Engineer, Godavery, will report at an early date what appropriation aggregating Rupees 10,000 under Works or Tools and Plant he can surrender, either in whole or in part for transfer to establishment.

Ordinary Works

5 The provisions under the following works have been disallowed by the Government of India —

	RS
Rushkula Project ..	25,000
Navigable Canal through Nagarum Island (Kistna Delta) ..	5,000
Widening bridge over Ellur Canal at Ellur ..	7,100
Tow-path from Nizampatam to tail of Nizampatam Canal ..	8,930
Godavery river embankments ..	30,000
Fish chamber in Kistna Anicut	6,000

and the grants for the following have been reduced to the sums shown against them

	RS
Madras Water Works	32,942
Chembrumbaukum Tank	12,000
Pennair Anicut extension	16,649

District Engineers concerned will note the above reduction and will take care that no unauthorized expenditure is incurred.

6 With regard to the provision now made for the Madras water supply and Chembrumbaukum tank projects, the District Engineer, Chingleput, will understand that expenditure is to be restricted to what is absolutely necessary to secure the works from damage, and is not necessarily to extend to the amounts specifically appropriated in the revised Budget. Similar restrictions are imposed in the case of the Pennair Anicut. The District Engineer, Nellore, has reported that an outlay of Rupees 30,000 will be necessary during the current year, and, as the estimate for the whole work was exceeded last year by Rupees 12,000, a revised estimate is required and should be submitted with the least possible delay.

*Proceedings of the Madras Government, Public Works Department,
27th September 1876. No 2,603.*

7 Under Minor New Works provision to the extent of Rupees 45,000 has been disallowed. Ratable reductions have been made from the allotments at the disposal of the several District Engineers. On the other hand a sum of Rupees 20,000 has been transferred from the allotment for Repairs at the disposal of the District Engineer, Tinnevely, to the allotment of the same officer for Minor New Works.

Repairs.

8 A sum of Rupees 20,000 has been transferred to the grant for Minor New Works as stated in the last paragraph. Considerable reductions, aggregating Rupees 68,000, have also been necessary, in order to admit of provision being made for the Office of the Chief Engineer for Irrigation and for the establishment of the special officer engaged on investigations connected with the returns derived from Irrigation works. The reductions made from the several allotments are shown below —

	Rs
Ganjam	1,000
Vizagapatam	1,000
Godavery	5,000
Kistna	5,000
Nellore	3,600
Cuddapah	10,000
Chingleput	8,000
North Arcot	7,500
South Arcot	12,000
Salem	6,000
Tanjore	6,300
Trichinopoly	2,000
Total	68,000

Establishment

9 The preliminary estimate made no provision for the Chief Engineer and the Special Revenue Establishment. In the revised estimate it has been necessary to provide Rupees 46,133 for the former and Rupees 39,000 for the latter, altogether Rupees 85,133.

	Rs
This increase has been met by reduction of Repair grants as mentioned above	68,000
by consequent reduction of estimate for General Establishment at 25 per cent	17,000
	85,000

leaving a balance of Rupees 133, which with a few odd sums of trifling amount (required on account of errors in the calculation of the grants for establishment as passed by the Government of India) have been met by reducing the estimate for travelling allowances of the Water Regulation Establishment in the Godavery District, whereby the estimate for Conservancy establishment has been reduced from Rupees 1,13,395 to Rupees 1,13,181.

10 The grant for *Survey Establishment* has been reduced by the Government of India to Rupees 15,000.

*Proceedings of the Madras Government, Public Works Department,
27th September 1876. No. 2,603.*

Tools and Plant.

11 The grant for increase to the capital of the Dowlaishweram workshops has been reduced from Rupees 40,000 to Rupees 10,000. The other changes under Tools and Plant are merely changes of classification.

12 The foregoing remarks will suffice to direct the attention of officers to the changes which have been made in the allotments at their disposal and in the appropriations for specific works. District Engineers will give careful attention to the programme of outlay now placed in their hands and will regulate appropriations and expenditure thereby. They will on no account whatever appropriate funds in excess of the allotments at their disposal, and they will impress upon Executive Officers the necessity of limiting their liabilities strictly to the amount of appropriations. His Grace the Governor in Council desires that there may be no departure from the principle that no liability should be incurred without a previous appropriation of funds, and no appropriation without a previous allotment. Applications for additional allotments or for reappropriations of Budget Credits should be made in good time and must on no account be anticipated.

(True Extract)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

To District Engineers
To the Chief Engineer for Irrigation
" Examiner of Public Works Accounts.
" Board of Revenue
" Revenue Department
" Financial Department.
" Accountant-General.

Ed E C Shunker
Spare Copies

for 1846-47 is signed with

7 W. ... *and under*

including expenditure on

England.

The following statement

Compares the amount and

No. Several 'hands' & claps

of display in the preliminary

1891

Leaves of the

Capital
Extraneous
Capital Ordinary
Revenue
Ordinary Agricultural.

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#12
Expenditures. The following
reductions have been made in
the specific appropriation: proposed
in the preliminary Budget Committee
System subject system.
Byrs' Capital W.
Strenuousness.
Annual System
W. H.

The amount paid under
cheques drawn on the Federal Debt Office
for the purchase of the Gov. of India
was Rs. 54600. Against the
expenditure on Works of
Rs. 250400, and as the
proper percentage for interest
is 64600 a sum of Rs. 185800
must be provided. The
deficit must be met by
re-appropriation of Rs.
200 from Works, for which
the District Engineer will
report what grants, specifically
appropriated, he can surrender
whole or in part to make
up the amount to be transferred.

The reductions in the funds
for the Literary Delta & Steam-
furnace Account Systems
which have been made as
referred to above being with
them a percentage reduction
in general outlay of
No 200. — The provisions
necessary for the
to meet the charges
for the Chief Engineer for Inspection
of his Department is No. 200.
This item was included in the Reduction
of the Reductible proportionable
to the temporary No. 200.
A corresponding increase has
been made in the amount
under this head of charges.
Interest on the fund budget.

1666 1666
Report of Ordinary Water
In consequence of the decision
of the Gov. ~~at~~ ⁱⁿ their
Order of the. No.
to limit ^{to eight} the number of signatures

of works for whole Capital

Revenue Account are in
future to be kept a large
proportion of the grants ^{to be} ~~to be~~

for in the preliminary fund
under this head of charge has
been placed in the final part
of the Budget under Ordinary
Expenditure. The decrease
thus made by transfer amounts
to Rs. 20,000

In addition the grants
asked for by the Govt. to
Madras for the following
works have been disallowed the Govt.

are marked —

- Booth Kutha Project — 25000
- Indra Nagar Project } — 0930
- Madras Nagar Project } — 5000
- Canal — 5000
- Under Bridges over the } — 7100
- Iller Canal at Iller } — 3000
- Raising Ponds (banking) } — 30000
- of Indira Nagar Project } — 6000
- Indra Nagar Project } — 6000
- Indra Nagar Project } — 6000

026-Agr

026-Agr

do

Reduction in the grants
for other works have ^{to be} ~~to be~~
been made ^{to be} ~~to be~~

Madras Water Supply Co. — 44534
Chennai Bank — 11496

Revenue Account — 20351

The ~~above~~ above mentioned
withdrawals & reductions
of grants specifically approved
in the preliminary part of
the Budget will be carefully
checked by the District Engineer
General

Under Minor new works a
sum of Rs. 45000 has been
disallowed and the
reduction has been made
proportionately in the grants
for the District Engineer
General

With regard to the provision
now made for the Madras
Water Supply & Chennai Bank
trust projects the District
Engineer Chennai Bank

The following reductions
in District Grants have been
made under this head

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20. The first part of the book
 is devoted to the study of the
 history of the language.
 It begins with a chapter on
 the origin of the word "English".
 This is followed by a chapter on
 the development of the English
 language from Old English to
 Modern English. The author
 discusses the influence of Latin,
 French, and other languages on
 the English vocabulary. The
 second part of the book deals
 with the grammar of the English
 language. It covers the syntax,
 morphology, and phonology of
 the language. The third part
 of the book is devoted to the
 study of the English literature.
 It includes chapters on the
 Middle Ages, the Renaissance,
 the eighteenth century, and the
 nineteenth century. The author
 discusses the works of major
 writers such as Chaucer, Shakespeare,
 Milton, and Dickens. The final
 chapter of the book is a summary
 of the main points discussed in
 the previous chapters.

The reimbursements correspond to
those for the Refugees at the
percentage rate. The Principle
is for the proportion of the claim
for special Establishments debatable
to Revenue & already detailed in
under Legislat - Ordering - the
to 1/2.

{ Chase & Co. & Wm. H. Case
Spec. for Exam

The redaction under this line
is to be made as follows:

{ Chase & Co. & Wm. H. Case
Spec. for Exam

grants for works & then
 increase for transfer of funds
 to this fund and also
 for the proportionate charge
 for the Chief Engineer, the Special
 Civil Officer & their establishments
 & for Survey Establishments will
 be included.

Under the fund for works
 provisionally with the increase
 of the funds for works now
 shown under Ordinary Expenditure
 a sum is shown as part
 of under that fund head
 corresponding with the decrease
 under Capital Expenditure

Revenue accounts will be
 The foregoing remarks will suffice to direct the attention of Officers
 to the charges which have been made in the funds at their disposal.
 District Engineers will give
 careful attention to the
 programme of outlay now
 placed in their hands &
 will regulate their expenditure
 & its classification accordingly.

The revised Budget Estimate
 for 1876-77 is issued for a total of
 Rs. 4,56,000 under Extraordinary and
 Rs. 27,22,000 under Ordinary, including
 in each case expenditure in
 England. -
 The following statement com-
 pares the estimates under the several
 Funds and classes, in the pre-
 liminary and final issue.

Fund, class	Revised by Law	Final Issue	Difference in final Issue	Difference in final Issue
Capital Extraordinary				
Works	373,253	2,66,080		7,203
Establishment	93,320	1,00,520	7,200	
Tools & Plant	49,430	49,400		30
Total Extraordinary	5,16,003	5,16,000		33
Capital Ordinary				
Works	2,99,122	3,87,149		1,68,373
Establishment	1,26,680	82,140		72,540
Tools & Plant	85,022	42,530		22,672
Stationery & Printing				
Works	10,500	10,500		
Revenues	7,49,824	1,43,909		5,75,285
Extraordinary Improvements		29,775	29,775	
Maintenance & Repairs	13,76,175	1,16,600		9,69,575
Establishment	4,87,330	2,26,094		2,61,236
Tools & Plant	977,38	83,700		1,40,28
Ordinary Agricultural	19,61,283	7,52,169		12,07,114
Original Works	1,23,030	1,00,092	2,76,902	
Repairs	7,18,825	9,90,625	2,71,800	
Establishment	62,100	4,06,165	3,44,065	
Tools & Plant		26,670	26,670	
Total Ordinary	3,40,558	18,23,892	14,83,337	
Total Ordinary	202,162	27,22,000		2,79,162

The great differences between the preliminary and final issues especially under 'Ordinary' are due to four causes

- (A) Reductions ordered by the Government of India.
- (B) Reappropriations to provide for omissions in the preliminary estimates for establishment.
- (C) Errors of classification in the preliminary issue.
- (D) Changes of classifications decided upon after the preparation of the preliminary estimate and announced in G.O. No. 1534 of 17 June 1906.

To trace in detail in a narrative form the mingled effects of these several causes would be difficult and confusing; the main features of the changes under the two great heads 'Extraordinary' & 'Ordinary' will however be mentioned. The changes under 'Ordinary Works' are shown in considerable detail in a tabular form in Appendixes E & F.

Extraordinary. In the preliminary estimate no provision was made for the Office of the Chief Engineer for Irrigation. The share attributable to Extraordinary amounts to Rs. 9000, which has been provided as follows:

By reduction of Appropriation for works:	
Tistna Delta System, Ryves Canal, New Head	3550
do do, Anjanpudi	
Madra Tunnel	1070
Sivachinambur Canal	
Harappallur Tank	2580
Total	7200
Add consequent reduction of estimate by Government of India	
	1800
Total	9000

There is still a deficit of Rs. 10,000 under establishment; the grant allowed by the Government of India for share of General Establishment being less by Rs. 10,000 than 25 per cent on the grant for works. The short provision is under the ordinary Delta system; and the District Engineer Godavari will report at an early date what appropriation aggregating Rs. 10,000 under works or tools or land he can surrender, either in whole or in part, for transfer to establishment.

Ordinary Works. The provision under following works have been disallowed by the Government of India:

Rushkula Project	Rs. 25,000
Narsipale Canal (Mrs. Raja)	
Minor Island (Tistna Delta)	5000
Widening bridge over Siler	
Canal at Siler	7500
Low path from Vizianpatam	
Total of Vizianpatam Canal	8930
Godavari River Embankments	30,000
Fish Chamber in Tistna	4000

and the grants for the following have been reduced to the sums shown against them:

Madras Water Works	Rs. 32,942
Chinnambakam Tank	12,000
Perumambur Saltpetre	16,649

District Engineer concerned will note the above reduction and will take care that no unauthorized expenditure is incurred.

As with regard to the provision now made for the Madras Water Supply and Chinnambakam tank projects the District Engineer Chingleput will understand that expenditure is to be restricted to what is absolutely

necessary because the water from drinking and is not necessarily to be added to the amount specifically appropriated in the revised budget. Similar reductions are imposed in the case of the Senior Assistant. The District Engineer, Bellary, has reported that an outlay of Rs 20,000 will be necessary during the current year and as the estimate for the whole work was exceeded last year by Rs 12,000 a revised estimate is required and should be submitted with the least possible delay.

7. Under Minor New Works provision to the extent of Rs 45,000 has been disallowed. Notable reduction have been made from the allotments at the disposal of the several District Engineers. On the other hand a sum of Rs 20,000 has been transferred from the allotment for repairs at the disposal of the District Engineers, Annamalai, to the allotment of the same Officer for Minor New Works.

8. Repairs. A sum of Rs 20,000 has been transferred to the grant for Minor New Works as stated in the last para. Considerable reductions aggregating Rs 68,000 have also been necessary in order to admit of provision being made for the Office of the Chief Engineer for Irrigation and for the Establishment of the Special Officer engaged on investigations connected with the returns derived from Irrigation works. The reductions made from the several allotments are shown below:-

Bangalore	Rs 1000
Vizagapatam	1000
Budavari	5000
Pistna	2000
Nellore	3600
Cuddapah	10,000
Chungabut	8000
North Arcot	7500
South Arcot	12,000
Talim	6000
Tanjore	6900
Trenchinopoly	2000
Total	68,000

9. Establishment of the Preliminary estimate made no provision for the Chief Engineer and the Special Revenue Establishment. In the revised estimate it has been necessary to provide Rs 133 for the former and Rs 39,000 for the latter altogether Rs 85,133. This increase has been met by reduction of Repair grants as indicated above — 68,000 by consequent reduction of estimate for General Establishment of 25% — 17,000

leaving a balance of Rs 133, which with a few odd sums of trifling amount required on account of errors in the calculation of the grants for establishment as passed by the Government of India) has been met by reducing the estimate for travelling allowances of the Water Regulation Establishment in the Godavari District, whereby the estimate for conveyance establishment has been reduced from Rs 113,314 to Rs 113,100. 10. The grant for Survey Establishment has been reduced by the Government

of India to Rs 15,000.

11. Tools & Plant. The grant for increase of the Capital of the Capital of the Donkey-wagons Workshops has been reduced from Rs 40,000 to Rs 10,000. The other changes under Tools & Plant are merely changes of classification.

12. The foregoing amounts will suffice to direct the attention of Officers to the changes which have been made in the allotments at their disposal and in the Appropriations for specific works. District Engineers will give careful attention to the programme of outlay now placed in their hands and will regulate appropriations and expenditure thereby. They will on no account whatever appropriate funds in excess of the allotments at their disposal and they will impress upon Executive Officers the necessity of limiting their liabilities strictly to the amount of Appropriations. His Grace the Governor in Council desires that there may be no departure from the principle that no liability should be incurred without a previous appropriation of funds, and no appropriation without a previous allotment.

Applications for additional allotments or for re-appropriations of budget credits should be made in good time, and must on no account be anticipated. -

167 .

OFFICE NOTE

To

Mr. O

~~perforated~~ W. 4/8

This draft of beffC.

Can be transcribed 2

the figures in the statements
filled in &
checked by W. Rodriguez.

They will of course be attended

by a comparison of the Preliminary

Open with the corrected copy
of the revised budget. —

Write on half margin &

Send up fair with a foul

Proof of the Budget:-

Adolf
4-01

attended to

Gr #
9-9-76

9-9-76

will fill in the figures:

5. Please note carefully that the amount to be provided under "Extraordinary Establishment" is £10,000 not £8,000. It would have been £8,000 if done in the budget; but you would not have it. The budget-grant for establishment is the minimum ^{change}, but the outlay on works be as small as you like the actual debit for Estab. will not be less than the budget ^{estimate} ~~grant~~.

6. I don't think I would say anything about following the classification of the budget (see your para 15). The budget is not supposed to be a guide or authority in the matter of classification and it may

After the commencement of
looking for it as such.
The classification is provided
for separately.

7. I don't know when
the budget will be ready.
I am getting the text of
it. The last proof was
made over to a Mr. Pearson.

My own office (and another)
to check the totals. When any
ordinary individual could
have done in two days at
the outside. They had it a
week. There was only one
mistake (except a few in
Part V which were known before)
and they did not discover
it. It was found out in
our office, and independently
by Mr. Rodriguez of your office.
and
A. I. S.

By I. S. 9.

I tried to get your draft
S. O. into shape by filling
up blanks & supplying omissions.
It wouldn't. I thought it
might look simpler if I
had it in print, so I got your
Office to have it printed, and
tried again, but it was no
use.

2. The fact is there have
been four distinct ^(if not five) causes
at work to bring about the
difference between the publishing
a final issue, and the
effects of these several causes
were so various each other to
look an extent that to try a
~~catalogue~~ ^{catalogue} there the whole result
in detail in a narrative form
simply makes confusion
more confounded.

3. I do not think much would be gained by skimming, with regard to such items of difference, how much is due to mistakes in the previous year; how much to changes of classification; how much to mistakes of India; how much to reductions by India; and how much to reductions by Madras.

4. I think that, with the general view given in Appendix to the budget estimates (S. & F.), it will be quite enough to sketch the principal changes under the two great heads "Extraordinary" and "Ordinary". I send you a very rough draft of my ideas of what can be done; if any thing of that sort will do?

E I Form No 34 F

GOVT
OF MADRAS }

187 .

{ P W
DEPT

CHIEF ENGINEER FOR IRRIGATION

Madras

OFFICE NOTE

To

Diffy C

KEEP-WITH

No

dated

187 .

An order to accompany the budget final you to D. S. something like the enclosed is I think required but I have written without the facts of the final you before me. Will you note anything which you think I have omitted & which is essential to advise

4

4. ^{Works, preliminary} ~~Ordinary~~ ~~the following~~
 works have been disallowed
 by the S.D.

Rushkuliya Projects 25,000
 - 8,750

Narjath Canal Ad'gamm
 Island (Kishin Delta) 5,000
 Wickin bridge on Ellen
 Canal at Ellen 7,100

Tow-path from Nizampet
 to tail of Nizampet canal 8,530

Godavery River bankments 30,000

Fish Pond in Kishin Delta 6,000

And the grants for the following
 have been reduced to the sums
 shown against them:

Madras Water Works

Chemburabakam Tank

Perum Ancient Irrigation

District Engineer concerned with
 carefully note the above reductions
 and will take care that no
 unauthorized expenditure is
 incurred.

5

5. The entire grant for 6.

6. Under Minor New Works
 provided to the extent of Rs 45,000
 has been disallowed. The Budget
 reductions have been made from
 the allotments at the disposal
 of the several Ds. On the other
 hand a sum of Rs 20,000 has
 been transferred from the allotment
 for Repairs at the disposal of
 the D - T. M. to the allotment
 of the same Office for Minor
 New Works.

7. Repairs. A sum of Rs 20,000 has been transferred to the grant for M. R. W. as stated in the last para. Considerable reductions of Rs 68,000 have also been necessary in order to admit of provision being made for the office of the P. O. and for the establishment of the ^{General} office ~~employed~~ on investigations connected with the ~~Revenue~~ returns derived from migration work. The ~~specific~~ reductions made from the several allotments are shown below

8. Office Establishment. The preliminary estimates made no provision for the Chief Engineer and the Special Revenue Establishment. In the revised estimate it has been necessary to provide Rs ^{for the former} and Rs 39,000 for the latter, altogether Rs ^{in excess} ~~amount~~ has been met by reduction of ^{Grants} ~~Repairs~~ as mentioned above 68,000 by urgent reduction of Estimate for Quail Subst. at 25% 17,000

85,000

having a balance of Rs which with a few odd sums of trifling ^{amount} ~~required~~ on account of errors in the calculation of the ^{grants} for establishment as ~~then~~ ^{now} provided by the S. D. P. has been met by reducing the estimate for travelling allowances of the Water Regulation ~~Committee~~ in the

Revised Irrigation Budget Estimate
for 1876-77.

Submitted to Government.

2. The Budget Estimate has been made up under Extraordinary and Ordinary, for the amounts assigned by the Government of India in their orders on the preliminary issue, dated 27th March 1876.

3. The distribution does not agree with that made by the Government of India to Clapes under Extraordinary and to Fund Heads, Clapes 48^{rs} under Ordinary, because

(1) The Government of India directed reappropriations to be made to cover the cost of the Chief Engineer for Irrigation, and the Special Revenue Officer and their Establishments.

(2) The minor irrigation works of the Presidency have been transferred
under

Mr R S & Co Ld

I hereby accept the
said Budget Estimate
Lieutenant Christie's name
is a sufficient guarantee
for care and accuracy

P.R.C.
10.9.77

12507-

Form No. 22

No 2608

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the

27 Sept 76

Read the following.

~~Orders of the Govt. of India in the
Madras Budget, 1876-77
dated 27th March 1876 read with
the Resolution of 13th September 1876~~

~~From India
From Ch. for~~

~~Read again
the following
(H.R. of 13th September 1876)
read with S.R. of 17th
15 Sept 1876~~

The revised Budget

Estimate for 1876-77 is revised
for a total of Rupees 4,56,000
under Extraordinary, and
Rupees 27,22,000 under Ordinary
including in each case expenditure
in England

2. The following statement
compares the Estimates under
the several Tands and Classes
in

in the preliminary and final
revenue

Fund. Classes	Preliminary Revenue	Final Revenue	Increase in Final Revenue
---------------	------------------------	------------------	---------------------------------

Capital

Extraordinary

Works	57,925	56,000	725
Establishment	93,320	100,520	7,200
Tools and Plant	49,430	49,400	30
Total Extraordinary	516,035	516,000	35

Capital

Ordinary

Works	49,912	58,749	46,073
Establishment	124,650	52,140	72,510
Tools and Plant	55,022	42,550	42,472
State outlay on guaranteed loan for irrigation works	10,500	10,500	
	719,324	143,939	575,385

Revenue

Construction & Improvements	29,775	29,775	
Maintenance & Repairs	137,615	116,600	95,575
Establishment	48,730	22,096	26,634
Tools and Plant	9,735	24,700	24,035
	196,855	72,171	124,684

Ordinary

Agricultural

Original works	123,620	100,592	27,662
Repairs	148,525	99,625	241,800
Establishment	12,100	10,400	33,000
Tools and Plant	26,510	26,510	
	210,755	137,127	242,462
Total Ordinary	30,21,162	27,22,000	29,01,62

3. The great difference between the preliminary and final revenue, especially in the ordinary, is due to four causes:

- (a) Reductions ordered by the Government of India.
- (b) Reappropriations to provide for omissions in the preliminary Estimates for establishment.
- (c) Errors of classification in the preliminary revenue.
- (d) Changes of classification decided upon after the preparation of the preliminary Estimate and announced in G.O. No. 154 dated 17 June 1876.

To trace in detail in a narrative form the mingled effects of these several causes would be difficult and confusing, the main features of the changes under the two great heads 'Extraordinary' and 'Ordinary' will however be mentioned. The changes under 'Ordinary' require more than a concise detail in a tabular form in Appendix C and D.

Extraordinary

In the preliminary Estimate no provision was made for the office of the Chief Engineer, for irrigation. The share debitable

to Extraordinary, amounting to
Rs 9000, which has been
provided as follows:-

By reduction of appropriation
for works:-

Kistna delta system, Ryres
canal. New head:- 2550

do do do do do do

Under "terminal":- 1070

"Kistnaigondum" district

Karnampullam Tank:- 2550

7200

Add consequent reduction
of estimate for share of
General Establishment

at 25 per cent:- 1500

Total 9000

There is still a deficit of Rs 10000

under Establishment. The grant

allowed by the Government

of India for share of Ryres

Establishment being less by

Rs 10000 than 25 per cent on the

grant for works. The short

provision is under the Godavary

delta system, and District

Engineer Godavary will report

at an early date what

appropriation aggregating

Rs 10000 under works

and

and Plant he can surrender, either
in whole or in part for transfer
to Establishment

Ordinary works

The provisions under
the following works have been
disallowed by the Government
of India

Rushkhulla Project:- Rs 25000

Kavigabbe canal through
Nagarum island/Kistna delta } 5000

Widening bridge over
Ellis canal at Ellis:- } 7,100

Towpath from Nizampatnam
to tail of Nizampatnam canal } 8,930

Godavary river embankments 30,000

Fish chambers Kistna Amount 6,000

and the grants for the following
have been reduced to the sums
shown against them

Madras water works:- Rs 22940

Chembrumbancum Tank 12,000

Pennar Amount extension 16,649

District Engineers concerned
will note the above reduction
and will take care that no
unauthorized expenditure
is incurred

With regard to
the

the provision now made for the Madras water supply and Chembumbancum tank projects the District Engineer Chingleput will understand that expenditure is to be restricted to what is absolutely necessary to secure the works from damage and is not necessarily to extend to the amounts specifically appropriated in the revised Budget. Similar restrictions are imposed in the case of the Pennar. As the District Engineer Kallur has reported that an outlay of Rs 50000 will be necessary during the current year and as the Estimate for the whole work was exceeded last year by Rs 12000 a revised Estimate is required and should be submitted with the least possible delay.

Under Minor New Works provision to the extent of Rs 45000 has been disallowed. Rateable reductions have been made from the allotments at the disposal of the several District Engineers. On the other

other hand a sum of Rs 20000 has been transferred from the allotment for Repairs at the disposal of the District Engineer Tennevely to the allotment of the same officer for Minor New Works.

Repairs

A sum of Rs 20000 has been transferred to the grant for Minor New works as stated in the last para. Considerable reductions, aggregating Rs 68000, have also been necessary in order to admit of provision being made for the office of the Chief Engineer for Irrigation and for the establishment of the special officer engaged on investigations connected with the returns derived from Irrigation works. The reductions made from the several allotments are shown below.

Gangam	Rs 1000
Nizagapatam	1000
Godavery	5000
Kistna	5000
Kellor	3600
Cuddapah	10,000

Chengalpattu - - -	3000
North Arcot -	7500
South Arcot -	12000
Salem - - -	6000
Tanjore - - -	6900
Tiruchinopoly -	2000
	<u>68,000</u>

Establishment

The preliminary Estimate made no provision for the Chief Engineer and the Special Revenue establishment. In the revised Estimate it has been necessary to provide Rs 46,133 for the former and Rupees 39,000 for the latter, altogether Rupees 85,133 -

This increase has been met by reduction of Repair grants as mentioned above 68000

by consequent reduction of estimate for General Establishment at 25 per cent 17,000
85000

leaving a balance of Rs. 133, which with a few odd sums of trifling amount (required on account of errors in the calculation of the grants for Establishment as passed by the

the Government of India) have been met by reducing the Estimate for travelling allowances of the Water Regulation Establishment in the Godavery District whereby the Estimate for Conservancy establishment has been reduced from Rupees 113,314 to Rupees 113,100 -

The grant for Survey Establishment has been reduced by the Government of India to Rupees 15,000 -

Tools and Plant.

The grant for increase to the Capital of the Dowlaowaram workshops has been reduced from Rs 40,000 to Rs 10,000. The other changes under Tools & Plant are merely changes of classification.

The foregoing remarks will suffice to direct the attention of officers to the changes which have been made in the allotments at their disposal and in the appropriations for specific work. District Engineers will give

give careful attention to the
programme of outlay now
placed in their hands and
will regulate appropriations
and expenditure thereby.
They will on no account
whenever appropriate funds
in excess of the allotments
at their disposal and they
will impress upon Executive
officers the necessity of
limiting their liabilities
strictly to the amount of
appropriations. His Grace
the Governor in Council
decree that there may be
no departure from the
principle that no liability
should be incurred without
a previous appropriation
of funds & no appropriation
without a previous allotment.
Applications for additional
allotments or for reappropriation
of budget credits should be
made in good time and
must on no account be
anticipatid.

Amul S

1579

D. Engr. ✓
C. Engr. ✓
En. P. Engr. ✓
B. of Engr. ✓
Rev. Engr. ✓
Engr. Engr. ✓
auto Engr. ✓

13/10/56

For 17/ma/76. No 1504.

King Edward
Printed
As in...

Printed
As in...

No 507/507a

Ci - 18-9776 / Ma 27-9-76
of. 8th 18 Sept 76

W.L.

8

Urgent

GOVT
OF MADRAS }

1870.

{ PW
DEPT

SECRETARY.

Fort St George,

Act. 7th

1870.

OFFICE NOTI.

To

C.

*Proof for purpose of
correction*

W

7.10.70

Returned, checked.

*Sup.
9/10*

OF

187 .

John R. S.

90-2608
Gt. of 1876 Madras.
PUBLIC WORKS.

To

T.S.
1074 9-76

Dated

Issued

Recd

Encl

G. O. 1876, No. 2608

Nos. 17-507a

Irrigation Budget
for 1876-77 Passing
orders on letter from
the Government of
India, reviewing the