GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

No. 9.

Read—the following letter from Colonel W. S. TREVOR, R.E., Secretary to the Government of India, Public Works Department, (Account—Irrigation,) to the Secretary to the Government of Madras, Public Works Department, dated Simla, 14th July 1882, No. 107 A.—I. :—

I am directed to acknowledge the receipt of your No. 1307 W., dated 25th May 1882, relative to the portion of the establishment charges debitable to the grant for Protective Public Works, and in reply to state that the Government of India is pleased to rule that—

(*a*) In the case of expenditure from Protective Fund on works the usual percentages for Establishments and Tools and Plant may be allowed.

(*b*) In the case of Survey Divisions or other Establishments employed exclusively in the preparation of projects, the actual cost of the Establishments so employed—without any allowance for Accounts or Direction—should be charged.

No. 10.

Order—dated 1st August 1882, No. 1940 W., Public Works.

Recorded.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Examiner of Public Works Accounts.
" Chief Engineer for Irrigation,
To Superintending Engineers, } with copy of G.O., No. 1306 W., dated 25th May 1882.

Exd. S. T. Austin.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated August, 1*st*.

Recd. *Encl.*

G.O., 1st August 1882, No. 1940 W.

AUGUST.

Nos. 9-10.

Establishment Charges.

Ruling of the Government of India relative to the portion of — debitable to the grant for Protective Public Works, recorded.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General Account

No. 129.

READ—the following letter from D. C. GORDON, Esq., Examiner of Public Works Accounts, to the Secretary to Government, Public Works Department, dated Madras, 15th May 1882, No. 26 W.:—

The Government of India, in their letter No. 681 G., dated 5th May 1881, paragraphs 7 and 8, communicated with Public Works G.O., No. 1729 W., dated 14th July 1881, proposed to contribute one-eighth of the estimated cost of the Madras Establishment Charges, *i.e.*, $2\frac{1}{2}$ lakhs, from the General Grant for Protective Public Works.

2. In their letter No. 33 A.I., dated 14th February 1882, printed with G.O., No. 471 W., dated 21st February 1882, a grant of Rs. 60,000 was assigned by the Government of India on account of establishment for preparing projects during 1881-82, and in G.O., No. 451 W., dated 18th February 1882, the distribution of this grant was made by this Government as below:—

	RS.
Contribution to Establishment	23,000
Do. to Works, Buckingham Canal	37,000
	60,000

3. The object of the present reference is with the view that definite orders of the Government of India be obtained—

1*st*.—As to whether the debit to Protective Public Works on account of establishment for the preparation of projects should consist of only the actual cost of the Project Divisions;

2*ndly*.—Whether, in addition to the actual cost of the divisions, a certain percentage (say one-eighth) on account of charges for direction and account should also be debited to the Protective Works Grant; or

3*rdly*.—Whether the entire cost of the Project Divisions, including outlay on Works, Tools and Plant, &c., should in the first instance be debited to Provincial, and an adjustment made in the supplementary accounts of this office against "Protective Public Works" by debit to Imperial to the extent of one-eighth of the entire Provincial Establishment Outlay, including charges for direction and account, or to the extent of the total amount sanctioned by Government of India for the year under Establishment for Protective Public Works irrespective of outlay.

4. The favor of early orders is solicited.

No. 130.

Order—dated 25th May 1882, No. 1306 W., Public Works.

Ordered to be forwarded for the early orders of the Government of India.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Examiner of Public Works Accounts.

No. 131.

Endorsement—dated 25th May 1882, No. 1307 W., Public Works.

Copy forwarded to the Government of India.

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

Exd. A. F. Goodall.
Spare Copies

GENERAL,
ACCOUNT.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated May, 25th.

Recd. *Encl.*

25th May 1882, No. 1307 W.

MAY.

Nos. 129—131.

Protective Public Works.

DEBITING portion of Establishment Charges to the grant for —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

18th February 1882, No. 451 W.

General Account.

Read the following papers:—

No. 80. Telegram from the Secretary to the Government of India, Public Works Department, Calcutta, to the Secretary to Government, Public Works Department, Madras, dated 2nd February 1882.

YOUR 88 W. of 23rd January. A lump sum grant cannot be made. Make the best approximate estimate possible of the probable outlay this year in preparing each project likely to be classed as Protective and wire total, sending details by post. Potinghy Ghât road cannot be so classed.

No. 80-A. Telegram from the Secretary to Government, Public Works Department, Madras, to the Secretary to the Government of India, Public Works Department, Calcutta, dated 6th February 1882.

YOUR telegram second instant. Required approximately for Establishment to prepare Protective projects a, c, e, f, h, l, and n, my No. 88 Rs. 23,000 current year, to which please add Rs. 37,000 on account of Works Buckingham Canal.

No. 80-B. From the Secretary to the Government of Madras, Public Works Department, to the Secretary to the Government of India, Public Works Department, dated 7th February 1882, No. 348 W.

I AM directed to acknowledge the receipt of your telegram of the 2nd February requesting to be furnished with the best approximate estimate possible of the probable outlay this year in preparing each project likely to be classed as protective.

2. The following telegram was despatched in reply on the 6th February:—

"Your telegram second instant. Required approximately for Establishment to prepare Protective projects a, c, e, f, h, l, and n, my No. 88 Rs. 23,000 current year, to which please add Rs. 37,000 on account of Works Buckingham Canal."

3. I am now directed to state that the lump sum of Rs. 23,000 has been made up as follows:—

	RS.
(*a*) Ganjam-Gopálpur Tidal Canal	1,200
(*c*) Buckingham Canal	10,000
(*e*) Baroor Tank	5,000
(*f*) Marandahully	1,500
(*h*) Hindupur	2,000
(*l*) Perryaur	2,000
(*n*) Rooshkulia Channel...	1,500
	23,200

Or in round numbers Rs. 23,000

4. It has already been explained to the Government of India that this Government are not at present in a position to frame any reliable estimate of what the charges for establishment on these projects are likely to be during the current official year. The figures now put forward must therefore be accepted as a mere approximation only.

5. A sum of Rs. 37,000 has been added to the demand as a grant-in-aid on account of *Works* of the Buckingham Canal which have been in progress during the year. This project is almost certain to come within the category of Productive Works. If, however, the Government of India should feel any difficulty about assigning the Rs. 37,000 on account of *Works*, it is suggested that the amount might legitimately be conceded under "Establishment" in consideration of the time devoted by the Chief and Superintending Engineers to the elaboration of the projects specifically named.

No. 80-C. Telegram from the Secretary to the Government of India, Public Works Department, Calcutta, to the Secretary to Government, Public Works Department, Madras, dated 13th February 1882.

YOUR telegram 6th. Rs. 60,000 for outlay on Protective Works 1881-82 in the manner proposed sanctioned.

No. 81. ORDER THEREON, 18th February 1882, No. 451 W.

THE telegram from the Government of India of the 13th February will be communicated, with the previous correspondence above recorded, to the Examiner of Public Works Accounts for information and guidance.

2. The sum of Rs. 60,000 now sanctioned is made up as follows :—

	Rs.
(1) Contribution to Establishment	23,000
(2) Contribution to Works, Buckingham Canal	37,000
Total ...	60,000

3. The total charges for Establishment during the current official year are expected to amount to Rs. 16,95,017, (*vide* G.O., No. 2922 W., dated 23rd November 1881,) against which grants have been made amounting to Rs. 16,73,629. The sum of Rs. 23,000 now sanctioned will raise the total of the grants to Rs. 16,96,629, or Rs. 1,612 in excess of the probable charges.

4. The sum of Rs. 37,000 granted on account of the Buckingham Canal Works will be credited to the appropriation for that work, which will be reduced by a corresponding sum, and the amount (Rs. 37,000) credited to the Provincial Reserve.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Fifth Circle.
" Examiner of Public Works Accounts.
" Financial Department.

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GENERAL.
ACCOUNT.

Govt. of {1882} Madras.

PUBLIC WORKS

To

THE SUPERINTENDING ENGINEER,
FIFTH CIRCLE,
&c., &c., &c.

Dated February, 18*th*.

Issued

Recd. *Encl.*

G.O., 18*th February* 1882, *No.* 451 *W.*

FEBRUARY.

Nos. 80-81.

Protective Works.—Passing orders on telegram from the Government of India sanctioning Rs. 60,000 for outlay in 1881-82 on —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

21st February 1882, No. 471 W.

General.
Account.

Read the following paper :—

No. 88. From Major A. FILGATE, R.E., Deputy Secretary to the Government of India, Public Works Department, (Account—Irrigation,) to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 14th February 1882, No. 33 A.—I.

WITH reference to the correspondence noted in the margin, relative to the grant for establishment for the purpose of preparing projects likely to be classed as "Protective," I am directed to state that the Rs. 60,000 sanctioned in my telegram of yesterday for expenditure during the current year on Famine Relief Protective Works is the only sum that can be assigned to Madras under this head for outlay during 1881-82.

No. 88 W., dated 11th January 1882, from the Secretary to Government, Public Works Department, Madras.
Telegram, dated 2nd February 1882, from the Secretary to Government of India, Public Works Department.
Telegram, dated 6th February 1882, from the Secretary to Government, Public Works Department, Madras.

No. 89. ORDER THEREON, 21st February 1882, No. 471 W.

RECORDED in continuation of G.O., No. 451 W., dated 18th February 1882.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Examiner of Public Works Accounts.
,, Financial Department.

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GENERAL.
ACCOUNT.

Govt. of {1882} Madras.

PUBLIC WORKS.

To

THE EXAMINER OF PUBLIC WORKS
ACCOUNTS,
&c., &c., &c.

Dated February, 21*st*.

Issued

Recd. *Encl.*

G.O., 21st February 1882, *No.* 471 *W.*

FEBRUARY.

Nos. 88-89.

Famine Relief Protective Works.—Letter from the Government of India stating that Rs. 60,000 already sanctioned for expenditure on — is the only sum that can be assigned under this head for the current year, recorded.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.

No. 48.

READ—the following letter from Colonel W. S. TREVOR, R.E., Secretary to the Government of India, Public Works Department (Civil Works—Miscellaneous), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 6th May 1882, No. 163 M. :—

In reply to paragraph 9 of your No. 3198 W., dated 31st December 1881, and in continuation of this office letter No. 437 I., dated 12th November 1881, I am directed to state that the Government of India is desirous of confining the attention of the establishment, sanctioned against the "Protective Works Fund", entirely to the preparation of projects for works most suited to the purpose of protection from famine, as distinct from projects for works for affording relief during famine. It is thought that by confining the attention of this establishment entirely to its legitimate duties, and to the preparation of projects manifestly well adapted to *protective* purposes, the investigation of the schemes, for Steam Tramways, and Light Railways, alluded to in your letter, could, without much difficulty, be conducted by it. More than one of the schemes, mentioned in your No. 1697, dated 9th July 1881, are confessedly of doubtful value ; and it seems very unadvisable to employ establishment on the examination of such projects, when others of obviously greater importance await inquiry.

No. 48-A.

READ—the following Note by Colonel J. O. HASTED, R.E., Acting Chief Engineer for Irrigation, dated Ootacamund, 18th May 1882, No. 52 I. :—

The accompanying statements have been prepared from the lists submitted with this office No. 55 I., dated 21st February 1879, which were forwarded to the Famine Commission, and are printed in Appendix V of the Report of Famine Commission, showing under three different heads the projects proposed in the Madras Presidency for the extension of irrigation.

Statement No. I shows the projects which have been either sanctioned or submitted for sanction, and which are therefore disposed of.

Statement No. II shows the projects which, it is now considered, may be indefinitely postponed ; the reasons for adopting this course are given in the remark column. It might be said that they may now be altogether set aside, but there are some which, when the large systems have been worked out and the population has increased, it may be possibly advisable to investigate.

Statement No. III shows the projects which it is proposed to take up and thoroughly investigate, and the agency by which it is suggested the work shall be done. It includes the projects now being investigated in the project and other divisions, and every work entered in the lists above referred to not named in Statements Nos. I and II, except those affecting existing irrigation, and which are not capable of any considerable extension.

Statement No. IV shows all these projects in the order in which it is proposed to take them up, the 13 works not allotted being reserved until further progress has been made in the project divisions.

2. It is possible that some of the projects which it is now proposed to work out may prove so remunerative that the works may be classed as Productive Public Works, but this can only be ascertained after they have been worked out. They are fall Protective Works, and as such the establishment provided for from funds allotted or the prevention of famine may properly be employed on them.

3. A recent order of the Government of India makes a distinction between works intended for the prevention of famine, and works intended for execution during famine, and apparently contemplates the complete investigation of projects which answer the first condition only. Now, although, as stated above, all the works referred to may be classed as Protective Works, many of them would be suitable for the employment of famine labor, but until they are investigated it is impossible to ascertain to what extent they will be useful as famine works. Generally speaking, all those projects which contemplate the construction or improvements of reservoirs would, to a greater or less extent, provide employment for famine labor, but to class these works as famine works, and therefore only partially to investigate the projects and prepare rough estimates would, it is considered, lead to a waste of time and money. Allowing that they are Protective Works, the projects should thoroughly be worked out and submitted in such a complete state that the work can be commenced forthwith if necessary. They cannot be commenced for some time to come, and therefore many of them will, in all human probability, remain available for the employment of labor when failure of the monsoon rains has again induced scarcity or famine. To show how far these works will be available as famine works, it might be well to append to the estimates, when submitted, a statement showing the number of skilled and unskilled laborers that could be employed on them for, say, six months.

4. In Statement No. IV it will be seen that a very long list of projects has been allotted to the C. Project Division. This division is working and will work in the Third Circle, which comprises the districts of Cuddapah, Kurnool and Bellary, a part of the country which is most liable to suffer from failure of the rains. The projects proposed contemplate the diversion and storage of the flood water of the rivers which traverse these districts, and many of them have been worked out in connection with the Madras Irrigation and Canal Company's works, the plans, &c., prepared by the officers of that Company having been handed over to Government. There is therefore a great deal of work already done, and it is now proposed to take up the rivers systematically, examining the projects already investigated in turn, and to work out such schemes as may promise most effectually to utilize the water-supply.

5. In Statement No. II the Nílgiri reservoirs are included as projects to be indefinitely postponed, and in Statement III, in the remark opposite the Neringipett Anicut, reference is made to the Bhaváni reservoir which was not included in the original lists. This reservoir was proposed to be constructed somewhere near the junction of the Bhaváni and Moyár river, which together fall into the Cauvery. It was partially investigated and reported on by Major Montgomerie, R.E., in May 1880, and is intended as a flood regulator, to supplement the supply of water to the Cauvery Delta, and also to supply local cultivation. It is considered very important that the subject of flood regulators on one of the rivers supplied by the south-west monsoon should be taken up, and it is now thought, after the investigations that have been made, that such reservoirs can more probably be provided at reasonable cost at the foot of the hills rather than in the hills.

To the Acting Joint Secretary to Government, Public Works Department, Irrigation Branch.

ENCLOSURES.

I.

STATEMENT of Irrigation Projects referred to in List accompanying this office No. 55 I., dated 21st February 1879, which have been disposed of.

—	Reference to Lists.		District.	System or Source of Supply.	Name of Project.	Remarks.
	List.	Number.				
	A	A	Godávari ..	Godávari Delta System.	Eastern Delta Completion.	Estimates have been submitted to the Government of India.
	..	B	..	..	Central Delta Completion.	
	..	C	..	..	Western Delta Completion.	
	..	E	Kistna ..	Kistna Delta System.	Eastern Delta Completion.	Estimates have been sanctioned by the Secretary of State.
	..	F	..	..	Western Delta Completion.	
	..	M	Nellore ..	Pennér River.	Sangam Project ..	Do. do.
	..	N	Tanjore ..	Cauvery Delta System.	Upper Anicut—Regulation of the Cauvery at Grand Anicut.	Do. do.
	..	W	Tinnevelly ..	Támbraparni.	Srivaikuntham Anicut.	Estimates have been submitted to the Government of India.
	B	I	Ganjam ..	Rushikulya ..	Rushikulya Project.	Do. do.

II.

STATEMENT of Irrigation Projects referred to in Lists accompanying this office No. 55 I., dated 21st February 1879, to be indefinitely postponed.

—	Reference to Lists.		District.	System or Source of Supply.	Name of Project.	Remarks.
	List.	Number.				
	A	D	Godávari ..	Godávari River.	Polavaram Anicut ..	It is only necessary to quote the late Colonel Anderson's remark: "It cannot seriously be thought of until the Delta System has been fully completed."
	B	3	Ganjam ..	Vamsadhara River.	Vamsadhara or Chicacole Project.	Investigations that have hitherto been made on these projects have shown that the Zemindari rights are almost an insuperable bar to the improvement of irrigation.
	..	4	Vizagapatam.	Surada ..	Kristnamraz Channel.	
	..	5	Do. ..	Do. ..	Kondakirla Ava Project.	
	..	6	Do. ..	Nangoolia River.	Nangoolia River Project.	
	..	7	Kistna ..	..	Dondapad Tank ..	These projects have been to some extent investigated; they are not recommended, as scantiness of population prevents extension of irrigation. Moreover, the Delta Works in the district will be in progress for many years to come, and irrigation is steadily increasing under these works.
	..	8	Do. ..	..	Bolapilly Tank ..	
	B	9	Do. ..	..	Vippurla Tank ..	
	..	10	Do. ..	Muneyar ..	Muneyar Anicut ..	
	..	11	Do. ..	Nagaleru ..	Bunding Nagaleru ..	
	..	12	Do. ..	Peddavagu ..	Bunding Peddavagu and Yeddavagu.	
	B	38	North Arcot.	Cheyár ..	Mambaukum Project.	This was examined and set aside some years ago.
	..	42	Salem ..	Kurambapilly.	Badatalao Project ..	Do. do.
	..	46	Do. ..	Ponniár ..	Malapady Tank Restoration.	Do. do.
	C	III	Ganjam ..	Mahánadi ..	Kollada Reservoir ..	These reservoirs were proposed with the Rushikulya Project which has just been submitted, but were not considered necessary.
	..	IV	..	Do. ..	Booliagutah do. ..	
	..	V	..	Goodaholo ..	Goodaholo do. ..	
	..	VI	..	Do. ..	Mutchycotta do. ..	

Statement of Irrigation Projects referred to in Lists accompanying this office, &c.—*cont.*

—	Reference to Lists. List.	Reference to Lists. Number.	District.	System or Source of Supply.	Name of Project.	Remarks.
	..	VIII	Vizagapatam.	Surada ..	Kondakirla Ava ..	Referred to above. B 5.
	..	XII	Kurnool ..	Goondlacumma.	Momadavaram Reservoir.	See remarks. B 7 to 12.
	..	XIV	Bellary ..	Chitravati River.	Parnapally Reservoir.	This has been given up, as borings in the bed of the river have shown that a safe foundation for the dam cannot be obtained.
	..	XV	Mysore ..	Budra River.	Luckavally River ..	These projects were partially investigated in connection with the Madras Irrigation and Canal Company's works, but have been given up. The right of the Madras Government to store and make use of the water of rivers in foreign territory cannot be established.
	..	XVI	Do. ..	Tunga River.	Moodaba Reservoir..	
	..	XVII	Do. ..	Choardy River.	Masoor Reservoir ..	
	..	XXII	Malabar and Coimbatore.	Bhavání ..	Palavoor Reservoir..	Some of these projects have been investigated, and an attempt (which failed) was made to construct the bund of one of the reservoirs by the silting process. It is now considered that sites for the construction of reservoirs to regulate the flood waters of the Cauvery should not be looked for in the hills.
	..	XXIII	Do.	Do. ..	Kottamula Reservoir.	
	..	XXIV	Nilgiris ..	Pykara River.	Pykara Reservoir ..	
	..	XXV	Do. ..	Drainage into Moyár.	Nunjanad Reservoir.	
	..	XXVI	Do.	Poorthy ..	Lake Victoria ..	
	..	XXVII	Do. ..	Do. ..	Lake St. Lawrence..	
	..	XXVIII	Do. ..	Sandy Nullah.	Sandy Nullah ..	

III.

STATEMENT of Irrigation Projects referred to in Lists accompanying this office No. 55 I., dated 21st February 1879, showing the Agency by which it is proposed they should be investigated.

Division or Circle to which Project is allotted.	Reference to Lists. List.	Reference to Lists. Number.	District.	System or Source of Supply.	Name of Project.	Remarks.
D. Project Division.	A	H	Bellary ..	Tungabhadra River.	Upper Bellary Project.	Estimated for by the Madras Irrigation and Canal Company's Canal officers.
Second Circle.	..	L	Nellore ..	Pennér Anicut System.	Survapully Project..	The estimates are under preparation.
D. Project Division.	..	O	South Arcot, Tanjore.	Coleroon River.	Lower Coleroon Anicut.	It is intended to improve and extend the irrigation under the existing anicut.
B. Project Division.	..	U	Coimbatore and Salem.	Cauvery ..	Neringipett Anicut..	This will be considered when the Bhaváni river is investigated.
C. Project Division.	..	V	Madura ..	Vaigai ..	Perryaur Project ..	Estimates are expected to be ready in three or four months.
D. Project Division.	B	2	Ganjam ..	Korkey River.	Mullada Tampara Project.	Revised plans and estimates are being put into shape.
Not allotted ..	..	13	Nellore ..	..	Restoring Adurapillai Tank of Griddalore.	Ruined tanks which may be worth restoring.
Do. ..	..	14	Do. ..	..	Restoring Tirumalapady Tank.	
Do. ..	B	15	Do. ..	..	Restoring Gandipalem Large Tank.	.....
	..	16	Cuddapah ..	Sugglair ..	Sugglair Project ..	These projects are for the utilization of the water of rivers in Cuddapah, Kurnool, and Bellary. Some of these have been investigated by the officers of the Madras Irrigation and Canal Company. It is proposed to take up each river separately and conclusively to deal with each project in turn.
	..	17	Do. ..	..	Talarycheruvu Dyalla Tank Restoration.	
	..	18	Do. ..	Papadry ..	Anicut or Papadry ..	
	..	19	Do. ..	Pennér ..	Peddapasula Channel Irrigation.	
	..	20	Kurnool ..	..	Restoring Venkatareddipalem Tank.	
	..	21	Do. ..	..	Arveed Tank Restoration.	

Statement of Irrigation Projects referred to in Lists accompanying this office, &c.—*cont.*

Division or Circle to which Project is allotted.	Reference to Lists. List.	Reference to Lists. Number.	District.	System or Source of Supply.	Name of Project.	Remarks.
	B.	22	Kurnool ..	..	Kalavatala Tank Project.	These projects are for the utilization of the water of rivers in Cuddapah, Kurnool, and Bellary. Some of these have been investigated by the officers of the Madras Irrigation and Canal Company. It is proposed to take up each river separately and conclusively to deal with each project in turn.
	..	23	Do. ..	Duvulair ..	Duvulair Project ..	
C. Project Division.	..	24	Do. ..	Hindri ..	Taikur Reservoir ..	
	..	25	Do. ..	..	Dewanapilly Reservoir.	
	..	26	Do. ..	..	New Tank, south of Arveed Tank.	
	..	27	Do. ..	..	Garladinna Tank ..	
	..	28	Do. ..	..	Tank sites in Márkápur Taluk.	
	..	29	Bellary ..	Penner ..	Bookacherla Project.	
	..	30	..	..	Potalacoonta Tank Project.	
	..	31	..	Hagari ..	Mylapore Reservoir at Hagari.	
	..	32	..	Penner ..	Hindupur Project ..	These projects are expected to be submitted shortly.
Do. ..	..	33	..	Do. ..	Roddam Project ..	
Do. ..	..	34	..	Hagari ..	Hagari Raidrug ..	See remarks, B 15 to 31.
Not allotted ..	..	35	Chingleput ..	Narnaveram River.	Improving irrigation under Narnaveram River.	These projects have been partially investigated.
Do. ..	..	36	..	Cortiliar River	Channel from Anicut at Tamrapaukum.	
D. Project Division.	..	37	North Arcot.	Pálár ..	Improving Pálár River Channels, N. Section.	This as well as the improvement of irrigation in the S. Section is now under consideration with a view to the submission of a complete estimate system, as required by the Government of India.
Fourth Circle.	..	39	Do. ..	Cheyár ..	Cheyár River ..	There is no information regarding these projects.
Fifth Circle ..	..	40	South Arcot.	..	Athur Project ..	Partly investigated.
Do. ..	..	41	..	Trimaneemootanaddy.	Pullagacherry Channel Project.	
B. Project Division.	B	43	Salem ..	..	Pennacondapuram Tank Project.	These were commenced as famine relief works. Projects are expected to be submitted shortly.
Do. ..	..	44	..	Sunnath Comara River.	Marandahully Project.	
Do. ..	..	45	..	Ponniár River	Baroor Project ..	
Fourth Circle.	..	47	Coimbatore ..	Cauvery ..	Improvement and extension of Pugalore Channel.	Commenced as famine relief work.
Do. ..	..	48	..	Bhaváni River	Channel from Bhaváni to the Nóyil.	Not investigated.
D. Project Division.	..	49	Trichinopoly.	Cauvery ..	Vengur Channel Project.	Estimates have been prepared, but require revision.
Do. ..	..	50	..	..	Kodunkoray Tank Project.	.....
Sixth Circle ..	..	51	Tinnevelly ..	Támbraparni.	Maradur Channel improvement.	See remarks above, B 2.
D. Project Division.	C	VII	Ganjam ..	Korkey River.	Mallada Tampara ..	Project has been investigated, but may require revision.
Not allotted ..	..	IX	Godávari ..	Yerracalva ..	Annamalunka Reservoir.	Proposed, but not investigated.
Do. ..	..	X	..	Penner ..	Gondicotta Reservoir.	
Do. ..	..	XI	Nellore ..	Do. ..	Do. do. ..	Proposed by Sir A. Cotton.
Do. ..	..	XIII	Kurnool ..	Kistna ..	Great Kistna Reservoir.	
B. Project Division.	..	XVIII	Salem ..	Ponniár River	Krishnagiri Reservoir.	Partly investigated.
Do. ..	..	XIX	Do. ..	Stream from Shevaroy Hills.	Vaniár Reservoir ..	
Do. ..	..	XX	..	Swatanaddy.	Goodanully Reservoir.	Site examined and favorably reported on.
Do. ..	C	XXI	Coimbatore ..	Cauvery ..	Allambody Reservoir.	Not investigated.
	..	XXIX	Madura ..	Pitchiaur ..	Tank in Thalihooth Manoor Valley.	Partly investigated. Will not be taken up if Perryaur Project is sanctioned.
Not allotted ..	..	XXX	..	Pálár ..	Palni Reservoir ..	
	..	XXXI	..	Vaigai ..	Gullapuram Reservoir.	
	..	XXXII	..	Do. ..	Reservoir near Battagondoo.	
D. Project Division.	..	XXXIII	Tinnevelly ..	Támbraparni.	Pápanásam Reservoir.	Not investigated.

IV.

Statement showing Irrigation Projects in progress, or to be taken up, in order of importance.

Division or Circle to which Work is allotted.	Reference to Appendix V, Report of Famine Commission. List.	Number.	District.	System or Source of Supply.	Name of Project.	Remarks.
B. Project Division.	B	43	Salem ..	..	Pennacondapuram Tank.	These are nearly completed.
	..	44	Do. ..	Sunnath Comara River.	Marandahully Project.	
	..	45	Do. ..	Ponniár River.	Baroor Channel ..	
	C	XIX	Do. ..	..	Vaniár Reservoir ..	In progress.
	..	XVIII	Do. ..	Ponniár River.	Krishnagiri do. ..	It is possible that very little work will be needed here.
	A	V	Do. ..	Cauvery ..	Narinjapett Anicut ..	The work is entered in the list referred to in column 2, but will probably be superseded by the Bhavání Reservoir near Satyamangalam, reported on by Major Montgomerie, which it is proposed now to investigate.
	C	XX	..	Swatanadi ..	Goodanully Reservoir	.....
	..	XXI	Salem ..	Cauvery ..	Allambady do. ..	.....
C. Project Division.	B	32	Bellary ..	Penner ..	Hindupur do. ..	These are nearly completed.
	..	33	Do ..	Do. ..	Roddam do. ..	
	A	V	Madura ..	Vaigai ..	Perryaur Project ..	This is about to be taken up by Major Pennycuick.
	B	16 to 31 and 34	Cuddapah .. Kurnool .. and Bellary ..	Penner .. Hindry, Hagari and minor rivers.	....	It is intended that the rivers should be taken up successively and thoroughly investigated. All projects hitherto proposed, including those investigated by the Madras Irrigation and Canal Company, the surveys and plans of which were made over to Government being taken into consideration.
	B	2	Ganjam ..	Korkay River.	Mullada Tampara Project.	This has to be put into shape. The work is mentioned both in List B and List C.
	C	VII				.....
	A	H	Bellary ..	Tungabhadra River.	Upper Bellary Project.	
D. Project Division.	B	37	North Arcot.	Pálár ..	Improving River Channels, North Section.	The North Section only is mentioned, but the South Section has to be taken up also. Much of the work has been done.
	C	XXXIII	Tinnevelly ..	Támbraparni.	Pápanásam Reservoir	
	B	49	Trichinopoly.	Cauvery ..	Vengur Channel Project.	
	..	50	..	Do. ..	Kodunthoray Tank Project.	
	A	O	South Arcot. Tanjore ..	Coleroon River.	Lower Coleroon Anicut.	
Fourth Circle.	B	47	Coimbatore ..	Cauvery ..	Pugalár Channel.	
	..	48	Do. ..	Bhavání ..	Channel from Bhavání to Nóyil.	
Fifth Circle ..	B	40	South Arcot.	..	Athur Project.	
	..	39	North Arcot.	Cheyár ..	Cheyár River.	
	..	41	..	Trimaneemootoonadi.	Pullagacherry Channel Project.	
Not allotted ..	B	13	Nellore ..	..	Restoring Adurapillai Tank of Griddalore.	
Do. ..	..	14	Do. ..	..	Restoring Timmalapady Tank.	
Do. ..	B	15	Do. ..	..	Restoring Gandipalam Large Tank.	
Do. ..	B	35	Chingleput ..	Narnaveram River.	Improving irrigation under Narnaveram River.	
Do. ..	..	36	..	Cortiliar River.	Channel from Anicut at Támarapakam.	
Do. ..	C	IX	Godávari ..	Yerracalva ..	Annamalunka Reservoir.	
Do. ..	..	X	..	Pennér ..	Gandicotta Reservoir.	
Do. ..	..	XI	Nellore ..	Do. ..	Do. do.	
Do. ..	..	XIII	Kurnool ..	Kistna ..	Great Kistna do.	
Do. ..	..	XXIX	Madura ..	Pitchiar ..	Tank in Thalianooth Mamoor Valley.	Will not be taken up if the Perryaur Project is sanctioned.
Do. ..	..	XXX	..	Pálár ..	Palni Reservoir ..	
Do. ..	..	XXXI	..	Vaigai ..	Gullapuram do. ..	
Do. ..	..	XXXII	..	Do. ..	Reservoir near Batlagoondoo.	

No. 49.

Order—dated 13th June 1882, No. 465 I., Public Works.

Ordered that the following letter be sent to the Government of India :—

(Here enter No. 466 I., dated 13th June 1882.)

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation, } with copy of letter.
" Consulting Engineer for Railways, }
" Superintending Engineers
" S.E. Tank Maintenance Scheme

Exd. C. Howarth.
Spare Copies.

IRRIGATION.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated June, 13*th*.

Recd. *Encl.*

G.O., 13th June 1882, No. 465 I.

JUNE.

Nos. 48-49.

Irrigation Projects suitable for Famine Relief.

Statements of —, forwarded to the Government of India.

GOVERNMENT OF MADRAS.

FINANCIAL DEPARTMENT.

READ—the following papers :—

Combined consolidated abstract of revenue and receipts for March 1883, from Accountant-General, dated 10th August 1883.
Combined consolidated abstract of expenditure, dated 10th August 1883.
Final account of Provincial Services for March 1883, from Accountant-General, dated 2nd October 1883.
Proceedings of Government, Public Works department, dated 27th December 1883, No. 1074 I.
Civil budget estimates for 1884-85, from Accountant-General, with annexed statements, dated 15th and 16th January 1884.

ORDER—dated 19th January 1884, No. 136, Financial.

The consolidated civil budget estimate for the year 1884-85, submitted by the Accountant-General, shows that the estimated revenue and receipts exceed the revised estimate for the current year by Rs. 6,12,900; while they fall below the actuals for 1882-83 by Rs. 7,08,429. Full information in regard to the variations under the several heads is given by the Accountant-General. The most noteworthy differences are under the following heads :—

	More.	Less.
	Rs.	Rs.
I. Land Revenue	..	21,00,000
III. Salt	8,80,000	..
IV. Stamps	2,50,000	..
IX. Forest	1,30,000	..
XXIV. Miscellaneous	1,50,000	..

2. The estimated charges exceed the revised estimate for the current year by Rs. 3,55,000, the chief increases being under the heads " Land Revenue," " Salt," " Forest," " Civil Buildings, Roads and Services," while under the heads " Exchange on transactions with London " and " Refunds and drawbacks " there is a large decrease. As compared with the actual expenditure in 1882-83, the estimates show an advance of upwards of Rs. 18,00,000.

3. The estimate will be forwarded to the Government of India with such modifications in regard to Provincial or semi-Provincial heads of services as may be noted below.

4. *Provincial Services—Accounts of* 1882-83.—The year 1882-83, the first of the new Provincial contract, opened with a balance of Rs. 17,42,604. The receipts during the twelve-month amounted to Rs. 234,16,410 and the charges to Rs. 223,32,207. Adding the opening balance to the difference between these, the closing balance and opening balance for 1883-84 amounted to Rs. 28,26,807.

Revised estimate for 1883-84.—The revised estimate of receipts for the current year based on the actuals of the first 8 months of the year is fixed at Rs. 227,10,600, and that of the charges at Rs. 232,22,000, or Rs. 5,11,400 more than the receipts. As compared with the budget estimate the chief differences are shown below:—

RECEIPTS.

		More.	Less.
		RS.	RS.
I.	Land Revenue	61,000	..
V.	Excise	..	50,000
XV.	Law and Justice	..	1,16,000
XX.	Scientific and other minor departments ..	1,07,000	..
XXIV.	Miscellaneous	1,63,000	..
	Contributions	..	85,000

CHARGES.

		More.	Less.
		RS.	RS.
3.	Refunds and drawbacks	1,10,000	..
5.	Land Revenue	1,56,000	..
19.	Law and Justice	..	1,40,000
20.	Police	..	68,000
30.	Stationery and printing	51,000	..
31.	Miscellaneous	1,05,000	..
48.	(Public works net debits)	1,72,000	..

Adding the surplus of the previous year to the receipts, the total amount at credit for the year will amount to Rs. 255,37,600, and the closing balance to Rs. 23,15,600.

Budget estimate for 1884-85.—Excluding the opening balance the receipts for the coming year are estimated at Rs. 232,67,000. This includes a special contribution of Rs. 5,00,000 from the Government of India. The receipts under Land revenue have been again fixed at the normal realisation. The Forest revenue is expected to show an increase of upwards of a lakh.

The charges, as submitted by the Accountant-General, are estimated at Rs. 235,76,900 showing an increase on the revised estimates of the current year of about Rs. 3,50,000. The chief increases occur under the heads Land revenue (3 lakhs), Forest (1½ lakh), Law and Justice (84,000), Police (½ lakh), Education (½ lakh). Under Land revenue the large increase is due chiefly to additional expenditure for the survey of Malabar, to the Tanjore survey, to the continuance of the Wynaad settlement party and to the entertainment of large extra establishments rendered necessary thereby.

Under "Forest" the increase is due to the superior and subordinate establishments working up more nearly to the sanctioned maximum and to proposed increased expenditure in demarcating, extending, and improving forests. The Government in this department are fully aware that the proposed additional expenditure in the Revenue Settlement and Forest departments may be justified from an administrative point of view, but the claims of these departments cannot be considered by themselves and apart from other pressing requirements, and when the budgets were passed it was anticipated that Government would be able to utilise the large Provincial credit balance in extending the operations of these and other departments. Now, however, the position is altered. Not only have the Government of India ruled that in the estimates for 1884-85 no increase of expenditure is to be provided for "except on grounds of the clearest necessity," and that "estimates should be framed with a strict regard to economy," but they have also required this Government to maintain a standing balance of 20 lakhs. This will shut the door to much useful expenditure which it otherwise would have been possible to sanction. His Excellency in Council, therefore, regrets that, in view of this, he must call for reduction of 2 lakhs under Land revenue and ½ lakh under Forests. It will be decided in the Revenue department how these reductions are to be carried out.

The increase under "Education" is nominal, and due to the transfer to that budget of the provision for the School of Agriculture. The increase under Police on the

other hand is due to possible over-estimating, and, in ordering a reduction of half a lakh under this head, the Government believe that no undesirable restrictions will be rendered necessary.

From a communication from the Public Works department, it is learnt that the departmental estimate for the Buckingham canal included charges on account of establishment and tools and plant. As it is necessary to carry out the pledge given to the Government of India as to the annual grant of a lakh and a half of rupees on *new works* connected with the canal, an addition of Rs. 1,40,000 will now be made to this grant, and the provision for Civil Buildings, Roads and Services will be reduced by half a lakh, the amount thus made available being transferred to irrigation and navigation. To equalize the estimates of expenditure and receipts, the following additions and reductions will be made under other civil heads:—

(1) *Under Receipts.*

	RS.
Registration	5,000
Police	4,000
Education	1,000
Minor departments	15,000
Stationery and printing	10,000
Miscellaneous	3,000
Civil Buildings, Roads and Services	2,000
Total ..	40,000

(2) *Under Charges.*

	RS.
Registration	5,000
Post office	7,000
Law and Justice	7,000
General administration	5,000
Education	1,000
Medical	5,000
Stationery and printing	4,000
Miscellaneous	26,000
Total ..	60,000

The necessity for submitting this budget (received on the 16th instant) to the Government of India by the 20th at latest, renders it impossible for this Government closely to criticise the departmental estimates of receipts and charges during the current year. Nor, indeed, might it be safe to revise individual estimates; but, looking to the fact that there is a tendency, unavoidable at this period of the year, to over-estimate charges and to under-estimate receipts, the Governor in Council is disposed to consider that the financial position may be found, when the official year is closed, to be better than would now appear. Should this be the case, further allotments may be made in the course of next official year to the departments whose estimates have been above reduced.

5. The Provincial Services budget estimates will, after revision, stand as shown below:—

Revised estimate for 1883-84.

	RS.
Opening balance	28,26,807
Receipts	227,10,600
Charges	232,22,000

Estimate for 1884-85.

	RS.
Opening balance	23,15,407
Receipts	232,67,000
Charges	232,67,000
Closing balance	23,15,407

6. The annexed abstract gives the actuals for 1882-83, the budget and revised estimates for 1883-84, and the estimates for 1884-85. The statement, *minus* the columns containing the estimates for 1884-85, will be published in the *Fort St. George Gazette*.

(True Extract.)

E. F. WEBSTER,
Chief Secretary.

To the Public Works department.
" Revenue department.
" Board of Revenue.
" Inspector-General of Police.
" Inspector-General of Jails.
" Inspector-General of Registration.
" Director of Public Instruction.
" Surgeon-General with the Government of Madras.
" Master Attendant, Madras.
" Superintendent, Government Press.
" Accountant-General.
" Sanitary Commissioner for Madras.

Exd. J. Wright.

ANNEXURE.

Omitting hundreds .] ABSTRACT budget estimate of Provincial Services for 1884-85. [Omitting hundreds.

Receipts.	Actuals for 1882-83.	ESTIMATE FOR 1883-84.		Budget estimate for 1884-85.	Charges.	Actuals for 1882-83.	ESTIMATE FOR 1883-84.		Budget estimate for 1884-85.
		Budget estimate.	Revised estimate.				Budget estimate.	Revised estimate.	
	RS.	RS.	RS.	RS.		RS.	RS.	RS.	RS.
Opening balance	17,43	28,27	28,27	23,16	Refunds and drawbacks	99	71	1,81	71
Land revenue	137,22	130,57	131,18	135,18	Land revenue	43,80	44,32	45,88	47,11
Salt	26	25	33	36	Stamps	72	75	72	74
Stamps	26,04	27,00	27,00	27,25	Excise	99	1,05	1,05	1,05
Excise	32,29	33,00	32,50	32,87	Customs	1,86	1,83	1,73	1,80
Customs	38	50	44	30	Assessed taxes	3	5	3	4
Assessed taxes	2,30	2,25	2,30	2,35	Forest	6,45	9,21	8,79	9,86
Forest	9,07	9,25	9,17	10,56	Registration	2,26	2,35	2,40	2,50
Registration	2,90	3,00	3,10	3,15	Post office	1,05	1,13	5,01	1,06
Law and Justice	7,50	7,78	6,62	6,87	General administration	10,54	10,03	10,10	10,15
Police	3,75	3,29	3,46	3,50	Law and Justice	47,35	48,03	46,63	47,40
Marine	5	18	6	6	Police	37,52	38,93	38,25	38,26
Education	1,89	2,05	2,25	2,60	Marine	5	7	9	11
Medical	62	78	1,01	81	Education	11,06	10,90	11,04	11,60
Scientific and other minor departments ..	1,95	99	2,06	1,16	Medical	10,23	10,58	10,79	11,10
Interest	2	3	3	3	Scientific and minor departments	5,18	4,16	3,71	3,63
Superannuations	56	41	40	40	Superannuations	8,40	8,61	8,64	8,82
Stationery and printing	82	80	70	80	Stationery and printing	7,26	6,97	7,48	7,50
Miscellaneous	75	69	2,32	2,70	Miscellaneous	2,77	2,27	3,32	3,30
Civil Buildings, Roads and Services ..	6	5	8	9	Famine relief	1,35	..	42	..
Contributions	5,73	2,95	2,10	2,23	Civil Buildings, Roads and Services	2,84	2,70	2,67	2,65
					Net Public works debits	18,65	22,37	24,09	22,53
					Contributions	1,97	1,40	1,53	1,15
					Closing balance	28,27	25,67	23,16	23,16
Total ..	251,59	254,09	255,38	256,23	Total ..	251,59	254,09	255,38	256,23

E. F. WEBSTER,
Chief Secretary.

PROVINCIAL SERVICES.

ANNUAL account of the revenue for 1882-83, comparing the actuals with the estimates.

No.	Heads of receipt.	Budget estimate, 1882-83.	Actual revenue and receipts, 1882-83.	More than estimate.	Less than estimate.
		RS.	RS. A. P.	RS. A. P.	RS. A. P.
I ..	Land revenue ..	130,54,000	137,25,042 3 9	6,71,042 3 9	..
III ..	Forest	7,50,000	9,06,441 11 7	1,56,441 11 7	..
IV ..	Excise on spirits and drugs	30,50,000	32,29,209 5 5	1,79,209 5 5	..
V ..	Assessed taxes ..	2,35,000	2,30,182 9 0	..	4,817 7 0
VII ..	Customs	50,000	37,777 12 8	..	12,222 3 4
VIII ..	Salt	19,000	25,348 6 7	6,348 6 7	..
X ..	Stamps	27,00,000	26,04,186 0 6	..	95,813 15 6
XI ..	Registration ..	2,95,000	2,89,722 13 9	..	5,277 2 3
XV ..	Minor departments.	1,08,000	1,94,860 3 3	86,860 3 3	..
XVI ..	Law and Justice ..	6,68,000	6,63,644 9 2	..	4,355 6 10
XVII ..	Police	3,16,000	1,65,633 8 1	..	1,50,366 7 11
XVIII ..	Marine	33,000	5,311 0 11	..	27,688 15 1
XIX ..	Education	1,72,000	1,89,299 5 3	17,299 5 3	..
XX ..	Medical	84,000	61,909 0 11	..	22,090 15 1
XXI ..	Stationery and printing ..	70,000	81,761 14 10	11,751 14 10	..
XXII ..	Interest	3,000	2,342 2 0	..	657 14 0
XXIII ..	Receipts in aid of superannuation, retired and compassionate allowances.	34,000	56,172 7 2	22,172 7 2	..
XXIV ..	Miscellaneous ..	94,000	76,077 13 5	..	17,922 2 7
XXVI ..	Irrigation and navigation	1,17,000	1,40,462 15 0	23,462 15 0	..
XXVII. .	Other Public works—				
	Civil officers ..	5,000	6,205 12 5	1,205 12 5	..
	Public Works officers	1,53,000	72,835 10 1	..	80,164 5 11
	Contributions ..	6,62,000	5,73,826 6 10	..	88,173 9 2
	Total receipts ..	226,72,000	233,38,253 12 7	6,66,253 12 7	..

ANNUAL account of the expenditure for 1882-83, comparing the actuals with the estimates.

No.	Heads of disbursements.	Sanctioned grant for 1882-83.	Actual expenditure in 1882-83.	More than estimate.	Less than estimate.
		RS.	RS. A. P.	RS. A. P.	RS. A. P.
3	Refunds and drawbacks.	76,000	99,212 8 0	23,212 8 0	..
4	Land revenue	42,54,000	43,79,456 10 0	1,25,456 10 0	..
5	Forest	7,23,000	6,45,210 5 8	..	77,789 10 4
6	Excise	1,01,000	98,658 7 9	..	2,341 8 3
7	Assessed taxes	4,000	2,827 7 4	..	1,172 8 8
9	Customs	2,10,000	1,85,414 10 0	..	24,585 6 0
12	Stamps	72,000	71,402 2 6	..	597 13 6
13	Registration	2,27,000	2,25,789 3 4	..	1,210 12 8
15	Post office	1,13,000	1,05,294 5 4	..	7,705 10 8
17	Administration ..	9,48,000	10,54,627 2 7	1,06,627 2 7	..
18	Minor departments ..	3,70,000	4,47,329 9 4	77,329 9 4	..
19	Law and Justice ..	48,00,000	47,36,247 4 7	..	63,752 11 5
20	Police	37,23,000	36,25,420 5 1	..	97,579 10 11
21	Marine	43,000	5,311 0 11	..	37,688 15 1
22	Education	10,66,500	11,06,396 15 7	39,896 15 7	..
24	Medical	10,50,000	10,22,782 7 10	..	27,217 8 2
25	Stationery and printing.	6,84,000	7,25,494 15 10	41,494 15 10	..
29	Superannuation, retired and compassionate allowances	8,27,000	8,40,274 4 2	13,274 4 2	..
30	Miscellaneous	2,77,000	2,77,261 15 10	261 15 10	..
31	Famine relief	..	1,35,319 3 5	1,35,319 3 5	..
33	Irrigation and navigation	2,99,000	3,53,102 0 0	54,102 0 0	..
34	Other Public works—				
	Civil officers	3,25,000	2,71,297 0 0	..	53,703 0 0
	Public Works officers.	22,26,000	16,72,186 0 0	..	5,53,814 0 0
	Contributions	1,00,000	1,62,950 1 2	62,950 1 2	..
	Total expenditure ..	225,18,500	222,49,266 2 3	..	2,69,233 13 9

E. F. WEBSTER,
Chief Secretary.

Govt. of {1884} Madras.

FINANCIAL.

Issued

Recd. *Encl.*

G.O., 19th January 1884, No. 136.

JANUARY.

Budget Estimates.

Passing orders on the consolidated Civil Budget estimate for the year 1884-85.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper :—

Proceedings of the Madras Government, Financial Department, dated 19th January 1884, No. 136.

ORDER—dated 28th January 1884, No. 244 W., Public Works.

The preliminary issues of the Public Works budgets were prepared for the assignments made by the Financial Department in No. 2774 of the 5th December 1883. The grant made for civil buildings, roads and services, has now been reduced by Rs. 50,000, and that of the Buckingham canal, irrigation and navigation, under Provincial, augmented by Rs. 1,40,000. These alterations will be taken to account in the final issue of the budgets, which will be prepared for the following amounts :—

	RS.
For Civil Buildings, Roads and Services	22,40,000
For Irrigation and Navigation under Provincial, Buckingham Canal	3,15,000

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.
" Financial Department,

Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated January, 28th.

Recd. *Encl.*

G.O., 28th Jan. 1884, No. 244 W.

JANUARY.

Budget Estimates

Orders on Proceedings, Financial Department, on the consolidated Civil —, for 1884-85.

No. 1527

FROM,
THE SUPERINTENDING ENGINEER
FIRST CIRCLE.

TO,
THE CHIEF ENGINEER
P. W. Department
~~FOR IRRIGATION.~~

DOWLAISHWERAM, 6th July 1883

SIR,

With reference to your No. 1150 C I have the honor to state that my approval of the appointment of the Clerk in question was owing to a misunderstanding on my part.

2. The Executive Engineer reported that he had "filled up the vacant place of Clerk V Class 1st Grade in this Office by one T. Ranganaikulu" and I approved, under the mistaken impression, which I ought certainly not to have trusted to, that the vacancy was one which had just occurred & required filling up.

3. The Executive Engineer has been ordered to dispense with the man's services at once.

I have the honor to be,
Sir,
your most Obedient Sv.

C. Stuart

Offg Supg Engg 1st Circle.

Compd 7/4

R. No 344.
13th July/83

Madras
12th July/83

No 15348

To

C.

For note &
return, in continuation
of this office note No
1406 & dy 19th June 1883.

CY
Dyer
11/7

P.W.C. No 5818

From

The Supg Engineer
1st Circle

P.W. Rec'd
6006/13

To

The Chief Engineer
P. W. Department

Dated 6th
Despd 6th
Recd H } July/83

No 1522

Enclosure

T. Ranganaikulu Clerk
V Class 1st Grade in the
A Project Division —
Informs that the Services
of — have been ordered
to be dispensed with
at once.

J.

Dft 12/

P.W.C. No. 6006

Re 1150 C dy 19-6-83
" 1406 D dy —do—
G.O. A 1839 W dy 2-7-83
" B 1666 W dy 14-6-83
" A 1260 W dy 25-4-83
Re 482 C dy 26-2-83
G.O. A 1718 W dy 8-7-82

[Exr. Wks. Form No. 111.]

GOVT. OF MADRAS. } 1883. { P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

Madras, 16th JULY 1883.
Recd 17

OFFICE NOTE No. 388.

To W.

Enc: 1.

YOUR OFFICE NOTE NO 1534 D. DATED 12TH JULY 1883.

NOTED AND HEREWITH RETURNED.

KEEP WITH Genl. No.

dated 18 .

C.

D.S.R. 16.7.83

S.P. 16/7.

No. 1372 C dy 24th July 1883

C/

Recorded

Cr

C.S. 20/7

Jo 30/7

NO. 182 V2

FROM, THE SUPERINTENDING ENGINEER
FIRST CIRCLE.

TO, THE Chief Engineer
Public Works Department

DOWLAISHWERAM, 21st July 1883

SIR,

In continuation of my letter No. 152 V2, dated 6th July 1883, I have the honor to request you will be good enough to obtain the orders of Government authorizing the Examiner Public Works Accounts to pass salary to V. Ringanaikulu Clerk 5th Class 1st Grade in the A. Project Division from 7th May to 10th July 1883 on which latter date his services were dispensed with.

I have the honor to be
Sir
Your Most Obedient Servant
C. Rivett.
Superintending Engineer 1st Circle

Comps SK

a 1718 w 8.7.83
48L C 26.2.83
A. 1240 w 25.4.83
B. 1666 w 14.1.83
a. 1839 w 2.7.83
1406 D 19.6.83
1150 C 19.6.83
1372 C 24.7.83

No 2180 W dy 7th Augt

Sanctioned 83

3117

S.E. First Circle
S Stout Circle
Ex. P.W. Accts.

D.W.Ch.6393

From

The Supdg Engineer

No 2180 W dy 7-8-83 1st Circle

To

The Chief Engineer
P. W. Department

Dated 21st
Despd 23rd
Recd 30 July 83

No 1820 T.

Enclosure

T. Ramanaikulu
Clerk 5th Class 1st Grade
A Project-Division-
Requests to obtain the
orders of Govt authorizing
the Examiner to pass
the salary of — from
1st May to 10th July 83.

Entd in Rectt Register