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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 2959-60	Press ~~Mis.~~
122-25	
Dated 7. 12	1870.

Not to be folded or roughly handled

11/5/44

Go

*Proceedings of the Madras Government, Public Works Department,
7th December 1870.*

Read the following papers:—

No. 122. From the Controller of Public Works Accounts, to the Secretary to Government, Public Works Department, dated Madras, 19th November 1870, No: 1,776.

In forwarding the Regular Estimate of Public Works Income and Expenditure, the former in the form heretofore followed, and the latter in the revised form furnished with G. O., No. 3,978, dated 18th December 1869, I have the honour to offer the following observations.

2. The estimate of Income amounts to Rupees 1,50,000, against a corresponding sum which was passed in the Budget Orders of the Government of India. Though the aggregate amounts are the same, it will be observed that the receipts expected to be realized by the Public Works Department exceed the Budget Estimate by Rupees 25,000, those by the Civil Department falling short of the Budget Estimate by a similar sum. These variations, as well as those under certain sub-heads of Revenue, are based upon the actual receipts of the first six months of the current year.

3. Excluding State outlay on Guaranteed Railways, the following is an abstract of the actual expenditure up to 30th September 1870 under all heads, as compared with the modified allotments:—

Heads.	Grant for New Works.	Expenditure on New Works.	Grant for Repairs.	Expenditure on Repairs.	Total Grant.	Total Expenditure.
<i>Ordinary.</i>	RS.	RS.	RS.	RS.	RS.	RS.
Military ...	3,64,500	1,85,566	2,18,000	1,25,400	5,82,500	3,10,966
Agricultural, including State outlay in connection with the Irrigation Company's works ...	3,82,800	1,31,026	11,70,000	5,03,733	15,52,800	6,34,759
Civil Buildings ...	5,53,021	3,28,233	1,06,790	39,193	6,59,811	3,67,426
Communications ...	2,29,231	91,773	8,71,719	4,69,359	11,00,950	5,61,132
Miscellaneous Public Improvement ...	14,239	4,214	12,865	2,474	27,104	6,688
Establishments ...	...	...	...	...	14,09,200	7,50,783
Tools and Plant ...	...	...	...	...	52,135	24,489
Total, Ordinary ...	15,43,791	7,40,812	23,79,374	11,40,159	53,84,500	26,56,243
<i>Extraordinary.</i>						
Agricultural Works ...	18,80,000	2,48,578	...	...	18,80,000	2,48,578
Establishments ...	...	...	...	...	3,00,000	62,152
Tools and Plant ...	...	...	...	...	20,000	61
Total, Extraordinary...	18,80,000	2,48,578	...	...	22,00,000	3,10,791

4. The grant and expenditure on account of State outlay, in connection with the works of the Madras Irrigation and Canal Company, are shown in the foregoing abstract, as well as in the Regular Estimate, against Original Works, Agricultural, Ordinary, as the form which accompanied the letter from the Secretary to the

*Proceedings of the Madras Government, Public Works Department,
7th December 1870.*

Government of India, No. 85-A. G., dated November 1869, does not provide a separate heading for this item. For the information of Government, however, I annex a memorandum of the Budget assignment, as compared with the actuals up to 30th September 1870, and with the Consulting Engineer's estimate for the remaining half of the current official year.

Items.	Budget grant.	Actuals of the 1st half-year.	Estimate for 2nd half-year.	Total of columns 3 and 4.
	RS.	RS.	RS.	RS.
Establishment	33,800	15,285	16,951	32,236
Purchase of Land	20,000	654	9,000	9,654
Total...	53,800	15,939	25,951	41,890

5. I beg here to explain that, in the absence of instructions as to the specific allotments from which the reduction of Rupees 1,23,000 on account of "London Supplies," ordered in the Resolution of the Government of India, No. 477-A. G., dated 14th October 1870, is to be made, I have noted it in column 2 of the Regular Estimate against the following heads of service:—

	RS.
Tools and Plant—Other Services... ..	70,000
Original Works Agricultural, Ordinary	33,000
Repairs do. do.	20,000

6. The balance under "Tools and Plant," Ordinary, is thus Rupees 52,135, which will be available for charges under that head to be incurred in India, but as demands against this allotment may arise at the close of the year to cover losses in the two Workshops, I have deemed it advisable to make an addition of Rupees 10,000 to the modified grant, by a corresponding reduction under "Miscellaneous Public Improvement," the outlay under which head up to the 30th September 1870 has been only Rupees 6,688, against an allotment of Rupees 27,104.

7. Looking to the actuals during the first-half of the year under "Military," "Civil Buildings," and "Communications," and comparing them with the available funds, I think the Government will agree with me in considering that no change need be made in the Regular Estimate under these three heads.

8. Under "Agricultural, Ordinary," the grants stand as follows, after taking into account the withdrawals noted in paragraph 5 above:—

	RS.
New Works	3,82,800
Repairs	11,70,000

9. Having in view the actuals up to 30th September 1870 (Rupees 1,31,026 on New Works and Rupees 5,03,733 on Repairs) it is not probable that the whole of these assignments will be utilized. I have accordingly reduced the former in

*Proceedings of the Madras Government, Public Works Department,
7th December 1870.*

the Regular Estimate to Rupees 3,52,800, and the latter to Rupees 11,50,000, and have added the savings thus effected (Rupees 50,000) to the grant for "Establishment, Ordinary," for the reasons hereinafter explained.

10. Excluding the Budget provision in Part IV. on account of Local Fund Petty Establishment* and Contingencies† the grant for Establishments for the current official year is Rupees 19,02,580, as detailed below:—

	RS.
Ordinary	14,09,200
Extraordinary	3,00,000
Ten per cent. debitable to Local Funds	1,93,380
	19,02,580

11. The sum of one lac of rupees having been already surrendered from the provision for Establishments against the Extraordinary grant, the amount available for expenditure is only Rupees 18,02,580, of which Rupees 8,94,737 have been actually spent up to the 30th September 1870, and stand debited in the books of this office to the following heads:—

	RS.
Ordinary	7,50,783
Extraordinary	62,152
Local Funds, 10 per cent.	81,802
	8,94,737

12. Bearing in mind the additional charges which will have to be met consequent on the increased scale of civil salaries, recently sanctioned by the Government of India, for the Engineer Establishment of the Public Works Department, I do not think that the actuals for the year under "Establishments" are likely to fall short of the grant of Rupees 18,02,580; but as, owing to the altogether disproportionate outlay on Extraordinary Agricultural Works in comparison with the Budget assignment, the anticipated relief to the "Ordinary" debits under Establishment will not be realized, it remains for Government to consider in what manner the cost of the Public Works Establishment in the current year is to be defrayed. The actual outlay on Extraordinary Agricultural Works during the first six months of 1870-71 was Rupees 2,48,578, and the sum debitable to Establishments against that outlay is Rupees 62,152. Making every allowance for the increased expenditure on works that will be incurred in and after January, I do not think it would be safe to calculate upon a larger share than Rupees 1½ lacs from the Extraordinary grant on account of Establishments. The 10 per cent. debitable to Local Funds on account of the cost of Public Works supervision amounted to Rupees 81,802 up to 30th September, and taking the expenditure on works from that source from 1st October 1870 to 31st March 1871 at the actuals of the second-half of the past year, namely, Rupees 11 lacs in round numbers, the amount that will be contributed by Local Funds towards the cost of the Public Works Establishment will

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7th December 1870.*

probably be that at which it has been estimated, namely, Rupees 1,93,380. If to this be added the share of the Extraordinary grant, namely, Rupees 1,50,000, the total available from both sources will be Rupees 3,43,380, deducting which from the estimated total expenditure on Establishments, namely, Rupees 18,02,580, there remains a balance of Rupees 14,59,200. As a set off against this latter amount, Rupees 14,09,200 are available under "Ordinary," and the Regular Estimate provides for the difference of Rupees 50,000 being made good by the reductions noted in paragraph 9 against the grants for New Works and Repairs Agricultural.

13. Under Agricultural Extraordinary, the grant is Rupees 18,80,000 for works, Rupees 3,00,000 for Establishments, and Rupees 20,000 for Tools and Plant. As already shown above, the actual outlay on works up to 30th September last has not exceeded Rupees 2,48,578. Having no reliable data upon which to estimate the expenditure during the remaining half of the year, I communicated with the Superintending Engineers. The Officers in charge of the 2nd, 4th, 5th, 6th, and 8th Divisions, set down the probable outlay on Extraordinary Works at Rupees 7,19,100. The Superintending Engineer of the 1st Division has not yet replied to my reference, but comparing the actuals in the Godavery District (Rupees 25,935) up to 30th September with the year's grant (Rupees 2,30,000), I do not think the outlay on Extraordinary Agricultural Works in that District will exceed Rupees 1,00,000. The details of the total estimated expenditure of Rupees 8,19,000 under this head are given below:—

	RS.
In Ganjam	
Godavery	1,00,000
Kistna	1,22,000
Nellore	80,000
Chingleput	1,70,000
South Arcot	64,000
Tanjore	83,000
Madura	
Tinnevelly	2,00,000
	8,19,000

14. Taking the estimate of expenditure under Establishments and Tools and Plant, Extraordinary, at Rupees 1½ lacs and 14,000 respectively, the total short outlay on the Extraordinary grant will probably not be less than Rupees 12,17,000, as follows:—

	RS.
On Works	10,61,000
Establishments	1,50,000
Tools and Plant	6,000

15. Turning now to the head "Railway," the amount passed by the Government of India as the estimate of State Expenditure is Rupees 2,04,700. The details

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7th December 1870.*

of this allotment, as compared with the estimated expenditure of the year, are noted below:—

Heads.	EXPENDITURE.			Total.
	Grant.	Actual up to 30th September.	Estimate for the second half-year.	
Establishment	66,400	30,013	34,501	64,514
Land	1,38,300	63	1,73,505	1,73,563
Total...	2,04,700	30,076	2,08,006	2,38,082

16. The Regular Estimate shows, therefore, a net excess of Rupees 33,382 under this head. The Consulting Engineer affords no explanation of the cause of the excess under "Land," but I presume that he will address Government separately on the subject.

17. I beg, in conclusion, to bring prominently to the notice of Government that no specific appropriation has yet been made by the Government of India from the loan of 2 lacs of rupees to cover charges in the current year in connection with the extension of the East Coast Canal from Doogoorazapatam to Kistnapatam. An outlay of Rupees 25,921 appears against this work in the Progress Report of the Executive Engineer in charge of the Canal, the necessary credit having been afforded by this office under the authority conveyed in G. O., No. 1,802, dated 27th July 1870. Under the new arrangement, the debits against the Canal Extension project appear in my books against the Civil Department.

Regular Estimate of Receipts from Public Works Imperial Revenue in Madras during 1870-71.

Items of Imperial Public Works Revenue.	BUDGET ESTIMATE, 1870-71.		REGULAR ESTIMATE, 1870-71.	
	Amount.	Total.	Amount.	Total.
	RS.	RS.	RS.	RS.
<i>To be realized in Public Works Department.</i>				
Tolls, Dues, Fees, Fines, and Refunds...	73,000		60,000	
Rents of buildings	16,000		22,000	
Sales of produce	1,000		500	
Sales of buildings, old materials, and Tools and Plant	10,000		42,500	
		1,00,000		1,25,000
<i>To be realized in the Civil Department.</i>				
Tolls, Dues, Fees, Fines, and Refunds	42,000		20,000	
Rents of buildings	2,000		1,500	
Sales of produce	...		50	
Sales of buildings and old materials	6,000		3,450	
		50,000		25,000
Grand Total	...	1,50,000	...	1,50,000

MADRAS,
19th November 1870.

(Signed) S. BROCK,
Controller of Public Works Accounts.

*Proceedings of the Madras Government, Public Works Department,
7th December 1870.*

*Regular Estimate of the Public Works Department of the Madras Presidency for the year
1870-71.*

	SANCTIONED (REDUCED) GRANTS.		PROBABLE EXPENDI- TURE.	
	Amount.	Total.	Amount.	Total.
	RS.	RS.	RS.	RS.
ORDINARY.				
<i>Military.</i>				
Original Works	3,64,500		3,64,500	
Repairs	2,18,000		2,18,000	
		5,82,500		5,82,500
<i>Agricultural.</i>				
Original Works, including State outlay in con- nection with the Madras Irrigation and Canal Company	3,82,800		3,52,800	
Repairs	11,70,000		11,50,000	
		15,52,800		15,02,800
OTHER SERVICES.				
Civil Buildings including Repairs	6,59,811		6,59,811	
Communications do.	11,00,950		11,00,950	
Miscellaneous Public Improvement do.	27,104		17,104	
Establishment	14,09,200		14,59,200	
Tools and Plant	52,135		62,135	
Profit and Loss			20,000	
Decrease of Stock (deduct)			15,000	
		32,49,200		33,04,200
Railway	2,04,700			
		2,04,700	2,38,082	2,38,082
Total Ordinary		55,89,200		56,27,582
EXTRAORDINARY.				
<i>Irrigation Works.</i>				
Original Works	18,80,000		8,19,000	
Establishments	3,01,000		1,50,000	
Tools and Plant	20,000		14,000	
		22,00,000		9,83,000
Total Extraordinary		22,00,000		9,83,000

MADRAS,
19th November 1870.

(Signed) S. BROCK,
Controller of Public Works Accounts.

No. 123. Endorsement of the Controller of Public Works Accounts, dated
Madras, 21st November 1870, No. 1,787.

From the Acting Superintending Engineer, 1st Division, to the Controller of
Public Works Accounts, dated Dowlaishweram, 12th November 1870,
No. 2,732.

WITH reference to your memorandum, No. 676, dated 25th October 1870,
I have the honour to forward a statement showing the grants and probable expen-
diture under the head "Extraordinary Agricultural Works" for the current year,
prepared in accordance with the form given.

*Proceedings of the Madras Government, Public Works Department,
7th December 1870.*

SUBMITTED to Government, with reference to my letter No. 1,776, dated 19th
instant, paragraph 13.

2. I estimated the outlay in the current year on Extraordinary Agricultural
Works in the 1st Division at Rupees 1,00,000. The Superintending Engineer
enters Rupees 2,00,000 in his statement enclosed. The actual expenditure up to
the 30th September 1870 was only Rupees 25,935.

(Signed) S. BROCK,
Controller of Public Works Accounts.

*Statement showing the grants and probable expenditure under the head Extraordinary
Agricultural Works in 1870-71.*

District.	Work.	Estimate.	Grant for 1870-71.	Probable expenditure in 1870-71.	Remarks.
		RS.	RS.	RS.	
Ganjam ...	Rooshkeolia Project	..	50,000	..	No orders from Government.
Godavery...	Constructing lock at 16th mile, Cocanada	22,820	20,000	15,852	
	Do. do. at 20th mile, do.	26,160	25,000	24,000	
	Do. do. at 29th do. do.	26,160	..	12,000	
	Do. Calingulah at 9½ mile	7,360	..	4,000	
	Do. do. at 16th do.	5,060	..	2,500	
	Do. do. at 21st do.	3,070	..	2,000	
	Do. Lock at 9½ do.	28,050	..	13,000	
	Extension of irrigation in Eastern Delta	..	50,000	*25,000	* Drainages.
	Widening and improving Samulcottah canal	1,31,200	20,247	24,410	
	Rebuilding sidewall of Gunna- rum aqueduct	20,500	5,000	..	
	Extension of irrigation from Western Delta	..	54,753	22,000	
	Do. of do. from Ellore Canal Canal from Ellore High Level Canal to the Weyaroo	..	40,000	13,000	
	Improvements to Akeed Canal Probable expenditure on re- cent sanctions	1,03,234	15,000	6,000 480	
		..	..	35,758	
		..	2,80,000	2,00,000	

DOWLAISHWERAM,
12th November 1870.

(Signed) J. F. FISCHER, Major, R.E.,
Acting Superintending Engineer, 1st Division.

No. 124. ORDER THEREON, 7th December 1870, No. 2,959.

ACCOUNT, No. 11.

WITH this letter the Controller of
Public Works Accounts submits the
Regular Estimate of Public Works re-
ceipts and expenditure for the current official year.

*Proceedings of the Madras Government, Public Works Department,
7th December 1870.*

2. From the estimate of Income, amounting to Rupees 1,50,000, it appears that the receipts by the Civil Department are expected to fall short of the Budget Estimate by Rupees 25,000, but this diminution being balanced by an anticipated increase in those to be realized by the Public Works Department, the total of the Budget Estimate remains unchanged.

3. In dealing with the estimate of expenditure by the Public Works Department it has been necessary to take into account the reduction of Rupees 1,23,000 ordered by the Government of India in their Resolution of the 14th October 1870, No. 477-A.G., on account of London Supplies. In the absence of instructions regarding the mode in which this reduction is to be effected the Controller has, in addition to surrendering the unappropriated balance of Rupees 70,000 for Home Stores, diminished the Agricultural allotment by Rupees 53,000, and the following statement exhibits a comparison between the grants as thus modified and the Regular Estimate under each of the heads of service as it has been found necessary to make changes:—

	Grant as modified.	Regular Estimate 1870-71.	Increase.	Decrease.
	RS.	RS.	RS.	RS.
<i>Ordinary.</i>				
New Works, Agricultural, including State outlay in connection with the Madras Irrigation and Canal Company	3,82,800	3,52,800	...	30,000
Repairs, Agricultural	11,70,000	11,50,000	...	20,000
Miscellaneous Public Improvement (Repairs)	27,104	17,104	...	10,000
Establishment, Ordinary	14,09,200	14,59,200	50,000	...
Tools and Plant	52,135	62,135	10,000	...
<i>Extraordinary.</i>				
New Works	18,80,000	8,19,000	...	10,61,000
Establishment	3,00,000	1,50,000	...	1,50,000
Tools and Plant	20,000	14,000	...	6,000

4. The outlay on Extraordinary Agricultural Works having fallen considerably short of the Budget assignment, the proportion of the cost of Establishments chargeable to Loan funds is diminished by 50 per cent. The sum of one lac of rupees has been already surrendered from the provision for Establishments against the Extraordinary grant, and the Controller estimates that a sum of Rupees 50,000 will have to be provided to supplement the ordinary allotment under that head. To meet this deficiency reductions to that extent are proposed in the grants for New Works and Repairs under Agricultural, "Ordinary," and judging from the actuals up to the 30th September 1870, the Controller considers that those grants will bear the reduction.

5. The provision for charges under Tools and Plant, Ordinary, to be incurred in India is increased by Rupees 10,000, by a corresponding decrease under Repairs Miscellaneous Public Improvement. The increase under the former head is with a view to meet any losses which may occur at the end of the year in the Presidency and Dowlaiswaram Workshops, and to provide for printing charges.

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7th December 1870.*

6. Under the head of State Outlay on Guaranteed Works, the following results are exhibited:—

Railway 33,382 increase.
Irrigation Company 11,910 decrease.

(Here enter No. 2,960, dated 7th December 1870.)
(True Extract.)

Colonel, R.E.,
Secretary to Government.

To Superintending Engineers.
,, Major R. B. Kennedy.
To the Controller of Public Works Accounts.
,, Chief Engineer for Irrigation.

Exd. S. T. Augustin.

Govt. of 1870 Madras

PUBLIC WORKS.

To

SUPERINTENDING ENGINEERS,

&c., &c.,

Dated December 7th.

Recd.

Encl.

G. O., 7th December 1870, No. 2,953.

DECEMBER

Nos. 122-124

Receipts and Expenditure.—Passing orders on the letter from the Controller of Public Works Accounts submitting the Regular Estimate of Public Works Receipts and Expenditure for the current official year.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 7th December 1870.

No. 125.

No. 2,960.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

ACCOUNT, No. 12.

SIR,—I am directed to forward the Regular Estimate of Public Works Receipts and Expenditure for the current

official year prepared in accordance with the form forwarded with the letter from the Government of India, under date the 25th November 1869, No. 85-A. G.

2. The accompanying letter from the Controller of Public Works Accounts fully explains the variations between the Budget and Regular Estimates, and in inviting attention to my letter of the 25th November 1870, No. 2,838, regarding the reduction of the ordinary grant, which the Government of India have ordered in their Resolution of the 14th October 1870, No. 477-A. G., on account of expenditure incurred in England on stores for the Public Works Department, I am to state that proposals for making the transfers which may be necessary for giving effect to the modifications provided for in the Regular Estimate will be submitted in due course.

3. Adverting to paragraph 17 of the Controller's letter, I am to state that the Government of India will be addressed separately regarding the expenditure on the East Coast Canal Extension.

I have the honour to be,

Sir,

Your most obedient servant,

Colonel, R.E.,
Secretary to Government.

Exd. S. T. Augustin.

Read the following:-
Office of the Controller of
Public Works Accounts
Madras 19th November 1870

No
From, N^o 1776
The Controller of P. W. Accounts,
To, The Secretary to Government,
Public Works Department,
Fort Saint George.
Sir

In forwarding the
Regular Estimate of Public
Works Income and Expenditure,
the former in the form here-
tofore followed, and the latter
in the revised form furnish-
ed with G. O. N^o 3978, dated
18th December 1869, I have
the honor to offer the follow-
ing observations.-

The

2. The Estimate of Income amounts to Rupees 1,50,000, against a corresponding sum which was passed in the budget orders of the Government of India. Though the aggregate amounts are the same, it will be observed that the receipts expected to be realized by the Public Works Department exceed the Budget Estimate by Rupees 25,000, those by the Civil Department falling short of the Budget Estimate by a similar sum. These variations, as well as those under certain sub heads of Revenue, are based upon the

the actual Receipts of the ^{first} six months of the Current year.

3. Excluding State Outlay on Guaranteed Railways, the following is an abstract of the actual expenditure up to 30th September 1870 under all heads, as compared with the modified allotments.

Heads.	Grant for New Works	Expenditure on New Works	Grant for Repairs.	Expenditure on Repairs.	Total Grant.	Total Expenditure
<u>Ordinary.</u>						
Military	3,64,500	1,85,566	2,18,000	1,25,400	5,82,500	3,10,966
Agricultural, include State outlay in connection with the Irrigation Company's Works.	3,82,800	1,31,026	11,70,000	5,08,733	15,52,800	6,34,759
Civil Buildings	5,53,021	3,28,233	1,06,790	39,193	6,59,811	3,67,426
Communications	2,29,231	91,773	8,71,719	4,69,359	11,00,950	5,61,132
Miscellaneous Public Improvements	1,42,39	4,214	1,28,65	2,474	27,104	6,688
Establishments	"	"	"	"	1,40,9200	7,50,783
Tools and Plant	"	"	"	"	52,135	24,489
Total Ordinary	15,43,791	7,40,812	23,79,374	11,40,159	53,84,500	26,56,243
<u>Extraordinary.</u>						
Agricultural Works	18,80,000	2,48,578	"	"	18,80,000	2,48,578
Establishments	"	"	"	"	3,00,000	62,152
Tools and Plant	"	"	"	"	20,000	61
Total Extraordinary	18,80,000	2,48,578	"	"	22,00,000	3,10,791

The

4. The grant and expenditure on account of State Outlay in connection with the works of the Madras Irrigation and Canal Company are shown in the foregoing Abstract, as well as in the Regular Estimate, against Original Works, Agricultural, Ordinary, as the form which accompanied the letter from the Secretary to the Government of India N^o 85 A.G., dated November 1869, does not provide a separate heading for this item. For the information of Government, however, I annex a Memo: of the budget assignment, as compared with the actuals up to

to 30th September 1870, ¹⁷¹and the Consulting Engineer's Estimate for the remaining half of the current official year. -

Items.	Budget grant.	Actuals of the 1 st half year.	Estimate for 2 ^d half year.	Total of Columns 3 and 4.
Establishment—	33,800	15,285	16,951	32,236
Purchase of Land—	20,000	654	9,000	9,654
Total—	53,800	15,939	25,951	41,890

5. I beg here to explain that, in the absence of instructions as to the specific allotments from which the reduction of Rupees 1,23,000 on account of "London Supplies," ordered in the Resolution of the Government of India N^o 477 A.G., dated 14th October

October 1870, is to be made, I have noted in Column 2 of the Regular Estimate against the following heads of Service. —

Tools and Plant. Other Services — 7,000
Original Works Agricultural. Ordinary — 33,000
Repairs — Rs. — Rs. — 20,000

The balance under "Tools and Plant", Ordinary, is thus Rs. 52,135, which will be available for charges under that head to be incurred in India, but as demands against this allotment may arise at the close of the year to cover losses in the two Workshops, I have deemed it advisable to make an addition of Rs. 10,000 to the modified grant

4
grant, by a corresponding reduction under "Miscellaneous Public Improvement", the outlay under which head up to the 30th September 1870 has been only Rupees 6,688, against an allotment of Rupees 27,104. —

7. Looking to the Actuals during the first half of the year under "Military", "Civil Buildings", and "Communications", and comparing them with the available funds, I think the Government will agree with me in considering that no change need be made in the Regular Estimate under these three heads. —

Under

8. Under "Agricultural-Ordinary," the grants stand as follows, after taking into account the withdrawals noted in Para 5 above. —

New Works — 3,82,800
Repairs — 11,70,000

9. Having in view the actuals up to September 1870, (Rupees 1,31,026 on New Works, and Rupees 5,03,733 on Repairs) it is not probable that the whole of these assignments will be utilized. I have, accordingly, reduced the former in the Regular Estimate to Rupees 3,52,800, and the latter to Rupees 11,50,000, and have added the savings thus

21✓ 3-

thus effected (Rupees 50,000) to the grant for "Establishment, Ordinary," for the reasons hereinafter explained. —

10. Excluding the Budget provision in Part IV on account of Local Fund Petty Establishment and Contingencies, the grant for Establishments for the current official year is Rupees 1,902,580, as detailed below. —

Ordinary — 14,09,200
Extraordinary — 3,00,000
10 per cent debitable to Local Funds — 1,93,380
19,02,580

11. The sum of one Lakh of Rupees having been already surrendered from the provision

* Rupees 1,18,930
* Rupees 3,900

provision for Establishments against the Extraordinary grant, the amount available for expenditure is only Rupees 18,02,580, of which Rupees 8,94,737 have been actually spent up to the 30th September 1870, and stand debited in the Books of this Office to the following heads. —

	Rupees
Ordinary	7,50,783
Extraordinary	62,152
Local Funds 10 per cent.	81,802
	<u>8,94,737</u>

12. Bearing in mind the additional charges which will have to be met consequent on the increased scale of

25 ✓ 5
of Civil Salaries recently sanctioned by the Government of India for the Engineer Establishment of the Public Works Department, I do not think that the actuals for the year under "Establishments" are likely to fall short of the grant of Rupees 18,02,580; but as, owing to the altogether disproportionate outlay on Extraordinary Agricultural Works in comparison with the budget assignment, the anticipated relief to the "Ordinary" debits under Establishment will not be realized, it remains for Government to consider in

in what manner the cost of the Public Works Establishment in the current year is to be defrayed - The actual outlay on Extraordinary Agricultural Works during the first six months of 1870-71 was Rupees 248,578, and the sum debitable to Establishments against that outlay is Rupees 62,152 - Making every allowance for the increased expenditure on works that will be incurred in and after January, I do not think it would be safe to calculate upon a larger share than Rupees 1 1/2 Laes

25 ✓ 7
1 1/2 Laes from the Extraordinary grant on account of Establishments - The 10 per cent debitable to Local Funds on account of the cost of Public Works Supervision amounted to Rupees 81,802 up to 30th September, and taking the expenditure on works from that source from 1st October 1870 to 31st March 1871 at the actuals of the second half of the past year, viz: Rupees 11 Laes in round numbers, the amount that will be contributed by Local Funds towards the cost of the Public Works Establishment will probably be that at which it has been

been estimated, viz: Rupees 1,93,380.-
If to this be added the share
of the Extraordinary grant, viz:
Rupees 1,50,000, the total avail-
able from both sources will
be Rupees 3,43,380, deducting
which from the estimated
total expenditure on Establish-
ments, viz: Rupees 18,02,580, there
remains a balance of Ru-
pees 14,59,200.- As a set off
against this latter amount,
Rupees 14,09,200 are available
under "Ordinary," and the
Regular Estimate provides
for the difference of Rupees 50,000
being made good by the
reductions noted in Para 9
against

against the grants for New
Works and Repairs Agricultural.
13. Under Agricultural
Extraordinary, the grant is
Rupees 18,80,000 for Works, Ru-
pees 3 Lacs for Establishments,
and Rupees 20,000 for Tools
and Plant. As already
shown above, the actual out-
lay on works up to 30th Sep-
tember last has not exceeded
Rupees 2,48,578. Having no
reliable data upon which
to estimate the expenditure
during the remaining half
of the year, I communicated
with the Superintending Engineers.
The officers in charge of the
2nd - 4th - 5th - 6th and 8th Divisions,
set down the probable
outlay

outlay on Extraordinary Works at Rupees 7,19,100. The Superintending Engineer of the 1st Division has not yet replied to my reference, but comparing the actuals in the Godavery District (Rupees 25,935) up to 30th September with the year's grant (Rupees 2,30,000) I do not think the outlay on Extraordinary Agricultural Works in that District will exceed Rupees 1,00,000. The details of the total estimated expenditure of Rupees 8,19,000 under

under this head are given below. — 29 ✓

	Rupees
In Ganjam —————	" —
— " — Godavery —————	1,00,000
— " — Pustnah —————	1,22,000
— " — Nellore —————	80,000
— " — Chingleput —————	1,70,000
— " — South Arcot —————	64,000
— " — Tanjore —————	83,000
— " — Madura —————	" —
— " — Trinnevelly —————	2,00,000
	<u>8,19,000</u>

14 Taking the Estimate of expenditure under Establishments and Tools and Plant Extraordinary at Rupees 1 1/2 Lacs and 14,000 respectively, the total short outlay on the Extraordinary grant will probably not be less than Rupees 12,17,000, as follows.

On

Rupees.

On Works _____ 10,61,000
 On Establishments _____ 1,50,000
 On Tools and Plant _____ 6,000

15. Turning now to the head "Railway," the amount passed by the Government of India as the Estimate of State Expenditure is Rupees 2,04,700. The details of this allotment, as compared with the estimated expenditure of the year, are noted below.

Heads.	Expenditure.			Total
	Grant	Actual up to 30 th September.	Estimate for the second half year.	
Establishment _____	66,400	30,013	34,501	64,514
Land _____	1,38,300	63	1,73,505	1,73,568
Total _____	2,04,700	30,076	2,08,006	2,38,082

16. The Regular Estimate shows, therefore, a net excess of

of Rupees 33,382 under this head. The Consulting Engineer affords no explanation of the cause of the excess under "Land," but I presume that he will address Government separately on the subject.

17. I beg, in conclusion, to bring prominently to the notice of Government that no specific appropriation has yet been made by the Government of India from the loan of 2 Lacs of Rupees to cover charges in the current year in connection with the extension of the East Coast Canal from

from Doogoorazapatam to
Pistn apatam - An outlay of
Rupees 25,921 appears against
this work in the Progress
Report of the Executive Engi-
neer in Charge of the Canal,
the necessary credit having
been afforded by this Office
under the authority conveyed
in G.O. N^o. 1802, dated 27th
July 1870 - Under the new
arrangement, the debits against
the Canal Extension Project
appear in my books against
the Civil Department. -

I have the honor to be,
Sir,
Your most Obedient Servant,

S. Hoel

W. M. L. Controller of P.W. accounts.

33 ✓

Public Works 1870 Report
No. 4707

From,
The Controller of P.W. Accounts
To,
The Secretary to Government,
Public Works Department,
Fort Saint George.

Dated 19th
Read 2^d November 1870.

No. 1776

Encls: 1

Forwarding with
observations the Regular
Estimate of Public Works
Income and Expenditure
for the year 1870-71.

No. 2959-2960, 7th Dec 70

Ch 122

ca e. 28 Nov 1870
C. 28 Nov 1870

Regular Estimate of receipts from Public Works Imperial Revenue, in Madras during 1870-71.

Amount of Imperial Public
Works Revenue.

Budget
Estimate
1870-71. 35
Regular Estimate
1870-71.

As realized in Public Works Department.

Tolls, Dues, Fees, Fines, and Refunds. —

Rents of Buildings. —

Sales of Produce. —

Sales of Buildings, old materials and tools and
Plant. —

As realized in the Civil Department.

Tolls, Dues, Fees, Fines, and Refunds. —

Rents of Buildings. —

Sales of Produce. —

Sales of Buildings and old materials. —

Grand Total.

Amount.	Total	Amount.	Total
Rs.	Rs.	Rs.	Rs.

73000		60000	
-------	--	-------	--

16000		22000	
-------	--	-------	--

1000		500	
------	--	-----	--

10000	100000	42500	125000
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42000		20000	
-------	--	-------	--

2000		1500	
------	--	------	--

"		50	
---	--	----	--

6000	50000	3450	25000
------	-------	------	-------

	150000		150000
--	--------	--	--------

Office of the Controller of
Public Works Accounts.
Madras, 19 November 1870.

S. Wood
Controller of Public Works Accounts.

Exdmd

Regular Estimate of the Public Works Department
of the Madras Presidency for the year 1870-71.

	Sanctioned (Reduced) Grants.		Probable Expenditure.	
	Amount. Rs.	Total. Rs.	Amount. Rs.	Total. Rs.
<u>Ordinary.</u>				
<u>Military.</u> ✓				
Original Works.	364,500		364,500	
Repairs.	218,000	582,500	218,000	582,500
<u>Agricultural.</u>				
Original Works, including State outlay in connections with the Madras Irrigation and Canal Com- pany.	382,800		352,800	
Repairs.	1170,000	1552,800	1150,000	1502,800
<u>Other Services.</u>				
Civil Buildings including Repairs.	659,811		659,811	
Communications Do.	1100,950		1100,950	
Miscellaneous Public Improvement Do.	27,104		17,104	
Establishment.	1409,200		1459,200	
Tools and Plant.	52,135		12,135	
Profit and Loss.	"		20,000	
Decrease of Stock (Seduck).	"	3249,200	15,000	3304,200
Railway.	204,700	204,700	238,082	238,082
Total Ordinary.		5589,200		5627,582
<u>Extraordinary.</u>				
<u>Irrigation works.</u>				
Original Works.	1880,000		819,000	
Establishments.	300,000		150,000	
Tools and Plant.	20,000	2200,000	14,000	983,000
Total Extraordinary.		2200,000		983,000

Officer of the Controller of
Public Works Accounts.
Madras, 19 November 1870.

Encl. 1.

S. Wood
Controller of Public Works Accounts.

Examine in ex-
 letter from the
 Continental M^{rs}.
 Acornito, Mexico,
 to the Secretary to
 the President, M^{rs}.
 (H. H. Benson),
 dated 19 November
 1870, Dec 17/76

Dec 19/76

Statements showing the grants and probable expenditures under the Head Extra-ordinary Agricultural works in 1870-71.

District	Work	Estimate	Grant for 1870-71	Probable Expenditure in 1870-71.
Ganjam	Pochkolia project		50,000	No orders from Government.
Godavari	Constructing Lock at 16 th mile	23,820	20,000	15,852
	Do at 20 th mile	26,160	25,000	24,000
	Do at 29 th mile	26,160	"	12,000
	Do Calagahals at 9 ¹ / ₂ mile	7,360	"	4,000
	Do at 16 th mile	5,060	"	2,500
	Do at 21 st mile	3,070	"	2,000
	Do Lock at 9 ¹ / ₂ mile	28,050	"	13,000
		117,560		
	Extension of irrigation in Eastern Delta		50,000	25,000
	Widening & improving Samulotta Canal	131,200	20,247	24,410
	Rebuilding side wall of Gumarani		5,000	"
	Aqueduct	20,500		"
	Extension of irrigation from Western Delta		54,753	22,000
	Do of Do from Ellore Canal		40,000	13,000
	Canal from Ellore right bank Canal to the Arjanoos		15,000	6,000
	Improvements to Akred Canal	103,234	"	480
	Probable expenditures on recruits		"	38,758
	Sanctions		280,000	200,000

41 ✓

Superintending Engineer's Office, 1st Division
Dowlaiswaram
12th November 1870.

M. T. Teicher Major P. B.
Acting Super Engineer 1st Division
The Controller of S. M. Accounts Madras.
with reference to his Memo No 678 dated 25th October 1870.

No 2732. *Superintending Engineers*
Office, 1st Division.
Douglas Harbor, 12th
November 1870.

From
The Superintending Engineer
1st Division.
To
The Controller of Public Works Accounts.
Maidenhead. —

- Sir,

With reference to your
Innis No 176, dated 25th October 1870,
I have the honor to forward an
Statement showing the grants
and probable expenditure under
the head "Extraordinary" "Agricul-
tural works" for the current
year, prepared in accordance
with the form given.

Have, &c.
Jas. F. Stricker, Major &c.
Superintending Engineer
1st Division.

No 1787

Submitted to Government,

Proceedings of the Madras Govt. 17
 No 2959 P. W. S.

From. Read the following
 The Controller of P. W. Accts. } (H. E. No. 17769/19-20/70)
 47

do do (H. E. No. 1787-21-70)

With this letter the Controller of Public Works Accounts submit to the Regular Estimate of Public Works receipts and expenditure for the current official year.

From the estimate of Income, amounting to Rs 1,50,000, it appears that the receipts by the Civil Department are expected to fall short of the Budget estimate by Rs 25,000 but this diminution being balanced

N.
 A.P.
 J. O. S.

Rs 25/10/1870. A. 290
 Rs 26/10/1870. A. 28

Ch 123

No 2959-2960-7

Substituting to govern -
 -mutual the distribution of
 -proprietors of the public
 -representation in the
 -municipal corporation
 -with the public
 -works, from the
 -standing committee of the
 -municipal corporation.

Office of the Controller of
 Public Works Accounts.
 Madras, 21 November 1870.
 S. Hoell
 Controller of Public
 Works Accounts.

The Secretary to Government
 Public Works Department
 with 1 statement in original.
 Ex 2000

balanced by an anticipated increase in those to be realized by the Public Works Department the total of the Budget estimate remains unchanged.

In dealing with the estimate of expenditure by the Public Works Department it has been necessary to take into account the reduction of Rs 1,23,500 ordered by the Govt. of India in their Resolution of the 14th October 1870 &c. &c. by S. G. on account of London supplies. In the absence of instructions regarding the mode in which this reduction is to be effected the Controller has, in addition

49^v addition to surrendering the unappropriated balance of Rs 70,000 for Home stores diminished the Agricultural allotment by Rs 53,000, and the following statement exhibits a comparison between the grants as thus modified, and the Regular estimate under such of the heads of service as it has been found necessary to make changes.

	Grant as modified	Regular Estimate 1870/71	Increase	Decrease
<u>Agricultural</u>				
New Works. including state outlay in connection with the Madras Irrigation and Canal Company.	3,82,800	3,82,800		30,000
Repairs	11,70,000	11,50,000		20,000
Miscellaneous Public Improvement (Repairs)	27,104	17,104		10,000
Establishment Ordinary	14,09,200	14,59,200	50,000	
Tools and Plant	52,135	62,135	10,000	
<u>Extraordinary</u>				
New Works	18,80,000	8,19,000		10,61,000
Establishment	3,00,000	1,50,000		1,50,000
Tools and Plant	20,000	14,000		6,000

The outlay on Extra-
-ordinary Agricultural works
having fallen considerably
short of the Budget assign-
-ment, the proportion of the
cost of Establishments chargeable
to Loan Funds is dimi-
-nished by 50 per cent. The
sum of one lac of Rupees has
been already surrendered
from the provision for
Establishments against the
Extraordinary grant, and
the Controller estimates
that a sum of Rs 50,000
will have to be provided
to supplement the ordinary
allotment under that head.
To meet this deficiency,
reductions to that extent
are proposed in the grants
for New Works and Repairs
under

51✓ 19
under Agricultural Ordinary,
and judging from the
actuals up to the 30th Sept^o,
the Controller considers
that those grants will
bear the reduction.

The provision for
charges under Tools and
Plant Ordinary, to be
incurred in India is
increased by Rs 10,000 by
a corresponding decrease
under Repairs Miscella-
-neous Public Improve-
-ment. The increase
under the former head
is with a view to meet
any losses which may
occur at the end of the
year in the Presidency
and Dowlaisheram
workshops, and to provide
for

for printing charges.

Under the head of State outlay on guaranteed works, the following results are exhibited..

Railway. 33,382 Increase
Irrigation Company. 11,910 Decrease

196
12

No 2950.

To The Secy. to the Govt.
of India P. W. D.
Sir

To the Secy. ✓
" Major Kennedy ✓
" Controller ✓
" Ch. Eng. for Ind. ✓
Dated 8/12/70.

I am directed to forward the Regular Estimate of Public Works Receipts and Expenditure for the current official year prepared in accordance with the form forwarded with the letter from the Govt. of India under date the 25th Novr/69 No. 85 A. S. The

53

20

The accompanying letter from the Controller of Public Works Accounts fully explains the variations between the Budget and Regular estimates and in inviting attention to my letter of regarding the reduction of the ordinary grant, which the Govt. of India have ordered in their Resolution of the 14th Octr/70 No. 477 A. S. on account of expenditure incurred in England on stores for the Public Works Departt. I am to state that proposals for making the transfers which may be necessary for giving effect to the modifications

modifications provided for
in the Regular Estimate
will be submitted in
due course.

Adverting to Para 17
of the Controller's letter
I am to state that the
Govt of India will be
addressed separately re-
-garding the expenditure
on the East Coast Canal
extension.

Alb

Despatch 8/12/70 with 25
copies of G.O. 2959 of
1870.

Ac. 28 Nov 1870 Q. 29
Cr. 26 - 11/100-29

1103470784716
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Govt. of 1870 Madras.

PUBLIC WORKS.

To The Superintending Engineer
and
To The Secretary to the Govt.
of India

Dated

Recd.

Vol. 2

G. O. 7 Dec 1870, N. 2959-2960

Nos. 122 @ 124 & 125

Receipts & Expenditure Raising
orders on the letter from the
~~Chief~~ Controller of P. & A. Accts.
Submitting the Regular Esti.
Make of P. & A. Receipts &
Expenditure for the cur-
rent official year.

Letter. Forwarding with remarks,
the Regular Estimate of