

Public Works (1896) Department.

G.O., No. 120 I
121

DATED 4/2/96

[Despatch Abstract.]

Budget Estimate — The
preliminary issue of No. 2
of the Irrigation Branch
for "Major Works" and Minor
Works and Irrigation for 1896-97
Approved, & the above forwarded
to the Govt of India

(Signed) R. R. E. DRAKE-BROCKMAN, Colonel, R.E.,
Secretary to Govt., P.W.D.,
Irrigation Branch.

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IMPERIAL—MAJOR WORKS.

MADRAS PRESIDENCY.

GOVERNMENT OF MADRAS.

REVENUE.

*Abstract Budget Estimate of Revenue expected from Irrigation—Major Works in the Madras Presidency
for the year from 1st April 1896 to 31st March 1897.*

			Actual Realizations, 1894-95.	Budget Estimate, 1895-96.	Revised Estimate, 1895-96.	Budget Estimate, 1896-97.
IRRIGATION.			Rs.	Rs.	Rs.	Rs.
IMPERIAL.						
MAJOR PRODUCTIVE WORKS (DIRECT RECEIPTS).						
Gódávári Delta System, Collections in the Public Works Department.			1,25,418	1,20,000	1,20,000	1,20,000
Kistna Delta System	do.	do.	53,745	50,000	47,500	48,000
Pennérú Anicut System	do.	do.	397	600	400	400
Sangam Anicut System	do.	do.	536	700	600	600
Cauvery Delta System	do.	do.	3,569	2,500	3,000	3,500
Srívaikuntam Anicut System	do.	do.	1,566	1,500	1,500	1,000
Barur tank	do.	do.	26	...	...	...
Rushikulya	do.	do.	1,023	...	...	1,500
Kurnool-Cuddapah Canal.						
Collections in the Revenue Department ...			1,00,318	97,895	97,895	97,895
Deduct Collection Charges ...			5,225	4,895	4,895	4,895
Net Collections in the Revenue Department ...			95,093	93,000	93,000	93,000
Collections in the Public Works Department...			8,796	11,700	10,000	10,000
Total ...			1,03,889	1,04,700	1,03,000	1,03,000
Total ...			2,90,169	2,80,000	2,76,000	2,78,000

IMPERIAL—MAJOR WORKS.

MADRAS PRESIDENCY.

GOVERNMENT OF MADRAS.

REVENUE.

*Memorandum of the Amounts to be credited to each Project on account of Share of Enhanced Land
Revenue due to, or dependent on, the Works.*

			Actual Realizations, 1894-95.	Budget Estimate, 1895-96.	Revised Estimate, 1895-96.	Budget Estimate, 1896-97.
IRRIGATION.			Rs.	Rs.	Rs.	Rs.
XXIX. MAJOR WORKS—PORTION OF LAND REVENUE DUE TO IRRIGATION.						
Gódávári Delta—						
Irrigation Revenue ...			23,46,014	23,25,000	23,75,000	23,80,000
Deduct Revenue due to old Irrigation ...			1,24,000	1,24,000	1,24,000	1,24,000
Revenue due to the System ...			22,22,014	27,01,000	22,51,000	27,56,000
Share of enhanced Land Revenue ...			1,57,189	1,60,000	1,60,000	1,70,000
Total ...			23,79,203	28,61,000	24,11,000	29,26,000
Deduct Collection Charges in the Civil Department ...			1,18,960	1,43,050	1,20,550	1,46,300
Net Revenue ...			22,60,243	27,17,950	22,90,450	27,79,700
Four per cent. on sale-proceeds of tank-bed and other waste lands less 5 per cent. for collection charges ...			778	1,050	550	1,300
Total ...			22,61,021	27,19,000	22,91,000	27,81,000
Kistna Delta—						
Irrigation Revenue ...			18,64,067	24,50,000	22,50,000	24,30,000
Deduct Revenue due to old Irrigation ...			71,000	71,000	71,000	71,000
Revenue due to the System ...			17,93,067	23,79,000	21,79,000	23,59,000
Share of enhanced Land Revenue ...			1,69,333	1,70,000	1,70,000	1,80,000
Total ...			19,62,400	25,49,000	23,49,000	25,39,000
Deduct Collection Charges in the Civil Department ...			98,120	1,27,450	1,17,450	1,27,000
Net Revenue ...			18,64,280	24,21,550	22,31,550	24,12,000
Four per cent. on sale-proceeds of tank-bed and other waste lands less 5 per cent. for collection charges ...			2,616	10,450	3,450	10,000
Total ...			18,66,896	24,32,000	22,35,000	24,22,000
Pennérú Anicut—						
Irrigation Revenue ...			2,62,846	2,60,000	2,63,000	2,63,000
Deduct Revenue due to old Irrigation ...			1,17,000	1,17,000	1,17,000	1,17,000
Revenue due to the System ...			1,45,846	1,43,000	1,46,000	1,46,000
Share of enhanced Land Revenue ...			19,909	19,500	20,000	20,000
Total ...			1,65,755	1,62,500	1,66,000	1,66,000
Deduct Collection Charges in the Civil Department ...			8,288	8,125	8,300	8,300
Net Revenue ...			1,57,467	1,54,375	1,57,700	1,57,700
Four per cent. on sale-proceeds of tank-bed and other waste lands less 5 per cent. for collection charges ...			345	625	300	300
Total ...			1,57,812	1,55,000	1,58,000	1,58,000

IMPERIAL—MAJOR WORKS.

MADRAS PRESIDENCY.

GOVERNMENT OF MADRAS.

REVENUE—continued.

Memorandum of the Amounts to be credited to each Project on account of Share of Enhanced Land Revenue due to, or dependent on, the Works—continued.

	Actual Realizations, 1894-95.	Budget Estimate, 1895-96.	Revised Estimate, 1895-96.	Budget Estimate, 1896-97.
	Rs.	Rs.	Rs.	Rs.
IRRIGATION—continued.				
XXIX. MAJOR WORKS—PORTION OF LAND REVENUE DUE TO IRRIGATION—continued.				
Sangam Anicut—				
Irrigation Revenue	3,02,603	3,84,000	3,84,000	4,01,000
Deduct Revenue due to old Irrigation	1,39,000	1,39,000	1,39,000	1,39,000
Revenue due to the System	1,63,603	2,45,000	2,45,000	2,62,000
Share of enhanced Land Revenue	15,925	21,500	21,500	22,000
Total	1,79,528	2,66,500	2,66,500	2,84,000
Deduct Collection Charges in the Civil Department	8,977	13,325	13,500	14,000
Net Revenue	1,70,551	2,53,175	2,53,000	2,70,000
Four per cent. on sale-proceeds of tank-bed and other waste lands less 5 per cent. for collection charges	5,664	4,825	6,000	6,000
Total	1,76,215	2,58,000	2,59,000	2,76,000
Cauvery Delta—				
Irrigation Revenue	37,78,719	38,10,000	40,80,000	41,50,000
Deduct Revenue due to old Irrigation	30,21,510	30,45,000	32,61,000	33,17,000
Revenue due to the System	7,57,209	7,65,000	8,19,000	8,33,000
Share of enhanced Land Revenue	1,09,404	1,25,000	1,16,000	1,17,000
Total	8,66,613	8,90,000	9,35,000	9,50,000
Deduct Collection Charges in the Civil Department	43,331	45,000	47,000	48,000
Net Revenue	8,28,232	8,45,000	8,88,000	9,02,000
Srivaikuntam Anicut—				
Irrigation Revenue	1,75,555	1,85,000	1,85,000	1,85,000
Deduct Revenue due to old Irrigation	79,000	79,000	79,000	79,000
Revenue due to the System	96,555	1,06,000	1,06,000	1,06,000
Share of enhanced Land Revenue	1,823	2,000	2,000	2,000
Total	98,383	1,08,000	1,08,000	1,08,000
Deduct Collection Charges in the Civil Department	4,919	5,000	5,000	5,000
Net Revenue	93,464	1,03,000	1,03,000	1,03,000

IMPERIAL—MAJOR WORKS.

MADRAS PRESIDENCY.

GOVERNMENT OF MADRAS.

REVENUE—continued.

Memorandum of the Amounts to be credited to each Project on account of Share of Enhanced Land Revenue due to, or dependent on, the Works—continued.

	Actual Realizations, 1894-95.	Budget Estimate, 1895-96.	Revised Estimate, 1895-96.	Budget Estimate, 1896-97.
	Rs.	Rs.	Rs.	Rs.
IRRIGATION—continued.				
XXIX. MAJOR WORKS—PORTION OF LAND REVENUE DUE TO IRRIGATION—continued.				
Barur Tank—				
Irrigation Revenue	11,840	14,000	12,000	14,000
Deduct Revenue due to old Irrigation	2,000	2,000	2,000	2,000
Revenue due to the System	9,840	12,000	10,000	12,000
Share of enhanced Land Revenue	2	...	...	...
Total	9,842	12,000	10,000	12,000
Deduct Collection Charges in the Civil Department	492	1,000	1,000	1,000
Net Revenue	9,350	11,000	9,000	11,000
Kurnool-Cuddapah Canal—				
Share of enhanced Land Revenue under tanks owing to supply of canal water	4,455	8,000	8,400	8,400
Deduct Collection Charges in the Civil Department	223	1,000	400	400
Net Revenue	4,232	7,000	8,000	8,000
Rushikulya Project—				
Irrigation Revenue	47,154	91,000	91,000	1,00,000
Deduct Revenue due to old Irrigation	20,850	28,000	28,000	30,000
Revenue due to the System	26,304	63,000	63,000	70,000
Share of enhanced Land Revenue	6	150	150	150
Total	26,310	63,150	63,150	70,150
Deduct Collection Charges in the Civil Department	1,316	3,150	3,400	3,950
Net Revenue	24,994	60,000	59,750	66,200
Four per cent. on sale-proceeds of tank-bed and other waste lands less 5 per cent. for collection charges	...	...	250	800
Total	24,994	60,000	60,000	67,000
Total—				
Irrigation Revenue	87,88,798	1,00,12,000	96,40,000	1,04,23,000
Deduct Revenue due to old Irrigation	35,74,360	36,05,000	38,21,000	38,79,000
Revenue due to the System	52,14,438	64,14,000	58,19,000	65,44,000
Share of enhanced Land Revenue	4,75,051	5,06,150	4,98,050	5,19,550
Total	56,92,489	69,20,150	63,17,050	70,63,550
Deduct Collection Charges in the Civil Department	2,84,626	3,47,100	3,16,150	3,53,950
Net Revenue	54,07,863	65,73,050	60,00,900	67,09,600
Four per cent. on sale-proceeds of tank-bed and other waste lands less 5 per cent. for collection charges	9,403	16,950	10,100	18,400
Total	54,17,266	65,90,000	60,11,000	67,28,000

IMPERIAL—MAJOR WORKS.

MADRAS PRESIDENCY.

GOVERNMENT OF MADRAS.

CHARGES.

Abstract Budget Estimate of Expenditure on Irrigation—Major Works in the Madras Presidency
for the year from 1st April 1896 to 31st March 1897.

IMPERIAL.		Reference to Detailed Estimate.	Actual Outlay, 1894-95.	Budget Estimate, 1895-96.	Revised Estimate, 1895-96.	Budget Estimate, 1896-97.
MAJOR (PROTECTIVE) WORKS.		PAGES.	Rs.	Rs.	Rs.	Rs.
Famine Relief and Insurance.						
35. CONSTRUCTION OF PROTECTIVE IRRIGATION WORKS.						
1. Works ... { In progress ... 63,500 Not commenced. 90,146 }			2,46,199	2,46,577	1,85,000	1,53,646
2. Establishment ...			52,613	51,423	37,260	33,039
3. Tools and plant ...			11,366	2,000	...	2,315
5. Receipts on capital account ...			— 452	...	...	...
Total ...			3,09,726	3,00,000	2,22,260	1,89,000
42. (WORKING EXPENSES).						
1. Extensions and im- provements. { In progress ... Not commenced 57,712 }			51,046	48,392	50,776	57,712
2. Maintenance and repairs ...			5,16,590	5,01,564	6,03,196	5,71,224
3. Establishment ...			4,61,014	5,30,743	5,18,567	5,56,121
4. Tools and plant ...			82,488	1,11,301	1,12,461	94,943
5. Refunds of revenue ...			893	...	...	...
Total, Working Expenses ...			11,12,031	11,92,000	12,85,000	12,80,000
CAPITAL EXPENDITURE NOT CHARGED TO REVENUE.						
49. IRRIGATION.						
1. Works ... { In progress ... 2,82,342 Not commenced ... 4,21,734 }			10,67,792	9,04,825	10,23,972	7,04,076
2. Establishment ...			2,38,689	1,99,675	2,27,028	1,52,772
3. Tools and plant ...			1,11,723	45,500	45,500	31,652
4. Suspense account ...			— 807	...	...	...
5. Receipts on capital account ...			— 2,992	...	...	...
Total, Capital Expenditure ..			14,14,405	11,50,000	12,96,500	8,88,500

IMPERIAL—MAJOR WORKS.

MADRAS PRESIDENCY.

GOVERNMENT OF MADRAS.

CHARGES.

Part I.

Details of the Budget Estimate of Expenditure on Irrigation—Major Works in the Madras Presidency
for the year 1896-97, arranged by Projects and Objects of Work.

IMPERIAL.		Amount of Sanctioned Estimate.	Actual Outlay to end of 1894-95.	Budget Estimate, 1895-96.	Probable Outlay during 1895-96 (Revised Estimate).	Budget Estimate, 1896-97.	Remarks and References.
MAJOR (PROTECTIVE) WORKS.		Rs.	Rs.	Rs.	Rs.	Rs.	
Famine Relief and Insurance.							
35. CONSTRUCTION OF PROTECTIVE IRRIGATION WORKS.							
Capital Account.							
Rushikulya Project ...		43,68,000	36,80,677	3,00,000	2,22,260	1,89,000	Government of India register No. 7 I. of 1894-95. Proceedings of Madras Govt. No. 846 I. of 7th November 1894.
42. (WORKING EXPENSES).							
Gódavari Delta ...		...	...	5,06,000	4,84,613	5,30,000	
Kistna do. ...		...	...	4,60,000	5,78,720	5,26,000	
Pennéru Anicut ...		...	...	19,000	18,113	19,000	
Sangam do. ...		...	...	42,000	41,990	43,000	
Kurnool-Cuddapah Canal ...		...	...	1,05,000	1,02,370	86,000	
Barur Tank Project ...		...	...	5,000	3,650	3,800	
Cauvery Delta ...		...	...	18,000	15,590	18,200	
Srívaikuntam Anicut ...		...	...	17,000	15,155	24,000	
Rushikulya Project ...		...	...	20,000	24,799	30,000	
Total ...		...	...	11,92,000	12,85,000	12,80,000	
CAPITAL EXPENDITURE NOT CHARGED TO REVENUE.							
49. IRRIGATION.							
Works in Progress.							
Gódavari Delta System ...		1,41,470	85,627	13,000	17,900	84,000	P.M.G. No. 393 I., dated 3rd May 1895, No. 890 I., dated 30th October 1895, and No. 919 I., dated 2nd November 1895. Estimates for other works under preparation.
Kistna Delta do. ...		1,39,19,784	1,08,33,538	4,48,000	5,38,000	5,22,500	Government of India register No. 8 I. of 1884-85. P.M.G. No. 862 I., dated 22nd Sept. 1894. Government of India letter No. 10 I. of 22nd Jan. 1889, P.M.G. No. 62 I. of 11th Feb. 1889, No. 857 I. of 11th Oct. 1893 and No. 34 I. of 17th Jan. 1894.
Pennéru Anicut do. ...		...	...	4,000	4,000	9,000	Estimates under preparation.
Sangam do. do. ...		16,000	...	17,000	17,000	19,000	Government of India register No. 21 I. of 1895-96. Estimate for another work under preparation.
Barur Project ...		4,200	...	2,460	3,038	1,700	P.M.G. No. 1050 I., dated 22nd Dec. 1894.
Cauvery Delta ...		60,581	7,145	20,000	19,422	76,100	P.M.G. No. 561 I., dated 31st July 1894, No. 853 I. of 7th Nov. 1894, No. 195 I. of 28th Feb. 1895, No. 467 I. of 1st June 1895, No. 485 I. of 15th June 1895, No. 599 I. of 3rd July 1895, and No. 768 I. of 2nd Sept. 1895. Government of India letter No. 259 I. of 23rd Oct. 1895, P.M.G. No. 909 I. of 1st Nov. 1895, and No. 1022 I. of 26th Nov. 1895.
Srívaikuntam Anicut ...		3,200	...	1,540	1,540	13,100	P.M.G. No. 650 I., dated 12th August 1895. Estimates for other works under preparation.
Periyár Project ...		84,71,000	73,56,056	6,44,000	6,95,600	1,63,100	Government of India register No. 10 I. of 1894-95. P.M.G. No. 1057 I., dated 22nd December 1894.
Total ...		...	...	11,50,000	12,96,500	8,88,500	

IMPERIAL—MAJOR WORKS.

MADRAS PRESIDENCY.

GOVERNMENT OF MADRAS.

CHARGES.

Part IV.

Detail of the Budget Estimate for Establishment of the Irrigation Branch in the Madras Presidency for the year 1896-97.

	Budget Estimate, 1896-97.	Revised Estimate, 1896-97.
IMPERIAL.	Rs.	Rs.
FAMINE RELIEF AND INSURANCE.		
35. Construction of Protective Irrigation Works.		
Grant for Works	1,53,646	1,85,000
<i>Deduct item for which no charge for Establishment is admissible.</i>		
Compensation for land	10,000	23,000
Net Grant ...	1,43,646	1,62,000
Contribution to Provincial Funds at 23 per cent. on the Net Grant ...	33,039	37,260
IRRIGATION.		
42. Major Works (Working Expenses).		
Grant for Works and Repairs	6,28,936	6,53,972
<i>Deduct items for which no charge for Establishment is admissible.</i>		
Compensation for land, Górávari Delta System	5,000	5,000
Do. do. Kistna do.	500	...
Do. do. Cauvery do.	360	1,000
Total ..	5,860	6,000
Net Grant ..	6,23,076	6,47,972
A. 23 per cent. on the Net Grant	1,43,307	1,49,033
Direct Revenue	2,78,000	2,76,000
<i>Deduct estimated collections in the Revenue Department of water-rates levied on lands irrigated under the Kurnool-Cuddapah Canal</i>	<i>93,000</i>	<i>93,000</i>
Net Direct Revenue ...	1,85,000	1,83,000
B. 10 per cent. on Net Direct Revenue	18,500	18,300
Irrigation Revenue from Major (Productive) Works exclusive of enhanced share of Land Revenue	64,74,000	57,56,000
<i>Add estimated collections in the Revenue Department of water-rates levied on land irrigated under the Kurnool-Cuddapah Canal</i>	<i>97,895</i>	<i>97,895</i>
Total ...	65,71,895	58,53,895

IMPERIAL—MAJOR WORKS.

MADRAS PRESIDENCY.

GOVERNMENT OF MADRAS.

CHARGES.

Part IV—continued.

Detail of the Budget Estimate for Establishment of the Irrigation Branch in the Madras Presidency for the year 1896-97—continued.

	Budget Estimate, 1896-97.	Revised Estimate, 1896-97.
IMPERIAL.	Rs.	Rs.
C. 6 per cent. on Irrigation Revenue	3,94,314	3,51,234
Total, A + B + C ...	5,56,121	5,18,567
CAPITAL EXPENDITURE NOT CHARGED TO REVENUE.		
49. Irrigation.		
Total Grant for Works	7,04,076	10,23,972
<i>Deduct item for which no charge for Establishment is admissible.</i>		
Land compensation	39,850	36,894
Net Grant ...	6,64,226	9,87,078
A. 23 per cent. on the Net Grant	1,52,772	2,27,028
Direct Revenue	2,78,000	2,76,000
<i>Deduct estimated collections in the Revenue Department of water-rates levied on lands irrigated under the Kurnool-Cuddapah Canal</i>	<i>93,000</i>	<i>93,000</i>
Net Direct Revenue ...	1,85,000	1,83,000
B. 10 per cent. on Net Direct Revenue	18,500	18,300
Irrigation Revenue from Major (Productive) Works exclusive of enhanced share of Land Revenue	64,74,000	57,56,000
<i>Add estimated collections in the Revenue Department of water-rates levied on land irrigated under the Kurnool-Cuddapah Canal</i>	<i>97,895</i>	<i>97,895</i>
Total ...	65,71,895	58,53,895

IRRIGATION—MAJOR WORKS.

MADRAS PRESIDENCY.

GOVERNMENT OF MADRAS.

CHARGES.

Part VI.

Abstract of the Probable Increase or Decrease in the Suspense Accounts of Irrigation Major Works in the Madras Presidency for the year 1896-97—Nil.

All Suspense Accounts are included under Provincial, 45. Civil Works.

MINOR WORKS AND
NAVIGATION.

PRELIMINARY ISSUE.

Public Works Department.

BUDGET ESTIMATE

OF

REVENUE AND EXPENDITURE

UNDER

IRRIGATION MINOR WORKS AND NAVIGATION

IN THE

MADRAS PRESIDENCY

FOR THE YEAR

1896-97.

MADRAS,
4th February 1896.

(Signed) R. R. E. DRAKE-BROCKMAN, Colonel, R.E.,
Secretary to Govt., P.W.D.,
Irrigation Branch.

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PROVINCIAL—MINOR WORKS
AND NAVIGATION.

MADRAS PRESIDENCY.

GOVERNMENT OF MADRAS.

REVENUE.

Abstract Budget Estimate of Revenue expected from Irrigation Minor Works and Navigation in the Madras Presidency for the year from 1st April 1896 to 31st March 1897.

	Actual Realizations, 1894-95.	Budget Estimate, 1895-96.	Revised Estimate, 1895-96.	Budget Estimate, 1896-97.
PROVINCIAL.	Rs.	Rs.	Rs.	Rs.
IRRIGATION AND NAVIGATION WORKS.				
Works for which Capital and Revenue Accounts are kept.				
Thadapalli Channel System ...	80	60	80	80
Kalingaroyen Channel System ...	...	600	420	420
Pálár Anicut System ...	1,079	2,300	1,540	1,540
Poincy Anicut System ...	689	740	600	600
Cheyáru Anicut System ...	129	130	200	200
Chembrambakam Tank System ...	50	10	30	30
Madras Water-supply and Irrigation Extension ...	13,462	12,400	13,380	13,380
Valluru Anicut System ...	4	...	...	...
Tirukkóyílár Anicut System ...	491	600	570	570
Mehamattur Anicut System ...	20	10	30	30
Vriddhachalam Anicut System ...	55	50	50	50
Shatiatope Anicut System ...	313	250	300	300
Pelandorai Anicut System ...	273	300	250	250
Lower Coleroon Anicut System ...	1,619	1,100	1,000	1,000
Maradur Anicut System ...	192	250	350	350
Buckingham Canal ...	1,09,498	1,08,000	1,10,000	1,10,000
Védáranniyam Canal ...	1,136	1,200	1,200	1,200
Total ..	1,29,095	1,28,000	1,30,000	1,30,000
Works for which neither Capital nor Revenue Accounts are kept, P.W.D. ...	9,693	8,000	10,000	10,000
AGRICULTURAL WORKS.				
Works for which neither Capital nor Revenue Accounts are kept ...	27,096	43,000	30,000	30,000
TOTAL ..	1,65,884	1,79,000	1,70,000	1,70,000

PROVINCIAL—MINOR WORKS
AND NAVIGATION.

MADRAS PRESIDENCY.

GOVERNMENT OF MADRAS.

CHARGES.

Abstract Budget Estimate of Expenditure on Irrigation Minor Works and Navigation in the Madras Presidency for the year from 1st April 1896 to 31st March 1897.

	Reference to Detailed Estimate.	Actual Outlay, 1894-95.	Budget Estimate, 1895-96.	Revised Estimate, 1895-96.	Budget Estimate, 1896-97.
PROVINCIAL.	PAGES.	Rs.	Rs.	Rs.	Rs.
MINOR WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.					
CAPITAL.					
1. Works ... { In progress ... Not commenced ... }		3,26,430	6,16,455	4,82,357	9,22,858
2. Establishment ...		73,392	1,11,745	1,05,070	1,79,252
3. Tools and Plant ...		11,191	21,300	51,100	20,500
Total, Capital ...		4,11,013	7,49,500	6,38,527	11,22,610
REVENUE.					
1. Extensions and Improvements. { In progress ... Not commenced ... }		21,974	38,560	27,730	21,539
2. Maintenance and Repairs ...		2,05,427	1,72,013	1,77,060	1,69,929
3. Establishment ...		64,027	61,232	60,101	57,037
4. Tools and Plant ...		4,223	3,875	3,875	3,875
Refunds of Revenue ...		73	...	...	...
Total, Revenue ...		2,95,724	2,75,680	2,68,766	2,52,380
Total Minor Works for which Capital and Revenue Accounts are kept ...		7,06,737	10,25,180	9,07,293	13,74,990
MINOR WORKS FOR WHICH NEITHER CAPITAL NOR REVENUE ACCOUNTS ARE KEPT.					
1. Works— Major ... { In progress ... Not commenced ... }		1,97,896	1,28,200	1,17,806	1,21,000
Minor ...		3,72,433	1,91,510	1,39,898	2,11,216
2. Repairs ...		6,83,497	9,78,946	9,52,776	10,34,051
3. Establishment ...		5,92,409	5,71,626	5,64,507	5,45,146
4. Tools and Plant ...		18,756	19,538	18,627	19,997
Refunds of Revenue ...		53	...	...	...
Total Minor Works for which neither Capital nor Revenue Accounts are kept ...		18,65,044	18,89,820	17,93,614	19,31,410
AGRICULTURAL WORKS.					
Works for which neither Capital nor Revenue Accounts are kept.					
1. Works— Major ... { In progress ... Not commenced ... }		64,916	91,532	98,596	1,04,500
Minor ...		18,953	18,230	12,198	13,900
2. Repairs ...		2,13,265	2,43,692	2,98,976	3,56,389
3. Establishment ...		64,423	78,694	90,347	1,07,027
4. Tools and Plant ...		4,032	4,852	6,236	6,784
Refunds of Revenue ...		117	...	...	...
Total, Agricultural Works ...		3,65,706	4,37,000	5,06,353	5,88,600
Total, Provincial ...		29,37,487	33,52,000	32,07,260	38,95,000

PROVINCIAL—MINOR WORKS
AND NAVIGATION.

MADRAS PRESIDENCY.

GOVERNMENT OF MADRAS.

CHARGES—continued.

Abstract Budget Estimate of Expenditure on Irrigation Minor Works and Navigation in the Madras Presidency for the year from 1st April 1896 to 31st March 1897—continued.

	Reference to Detailed Estimate.	Actual Outlay, 1894-95.	Budget Estimate, 1895-96.	Revised Estimate, 1895-96.	Budget Estimate, 1896-97.
PAGES.	Rs.	Rs.	Rs.	Rs.	Rs.
GRAND TOTAL, PROVINCIAL 43. MINOR WORKS AND NAVIGATION.					
Works ...	In progress ... 4,87,023				
	Not commenced ... 9,07,990				
Repairs ...		10,02,602	10,84,487	8,78,585	13,95,013
Establishment ...		11,02,189	13,94,651	14,28,812	15,60,369
Tools and Plant ...		7,94,251	8,23,297	8,20,025	8,88,462
Refunds of Revenue ...		38,202	49,565	79,838	51,156
		243			
Total, Provincial ...		29,37,487	33,52,000	32,07,260	38,95,000
LOCAL IRRIGATION CESS FUND.					
43. MINOR WORKS AND NAVIGATION.					
<i>Minor Works for which neither Capital nor Revenue Accounts are kept, P.W.D.</i>					
I.—Original Works ...		9,721	6,000	7,789	3,000
II.—Repairs ...		763	2,000	25,331	4,800
Total ...		10,484	8,000	33,120	7,800

PROVINCIAL—MINOR WORKS
AND NAVIGATION.

MADRAS PRESIDENCY.

GOVERNMENT OF MADRAS.

CHARGES.

Part I.

Details of the Budget Estimate of Expenditure on Irrigation Minor Works and Navigation in the Madras Presidency for the year 1896-97, arranged by Projects and Objects of Work.

	Amount of Sanctioned Estimate.	Actual Outlay to end of 1894-95.	Budget Estimate, 1895-96.	Probable Outlay during 1895-96 (Revised Estimate).	Budget Estimate, 1896-97.	Remarks and References.
PROVINCIAL.						
43. MINOR WORKS AND NAVIGATION.						
<i>Minor Works for which Capital and Revenue Accounts are kept.</i>						
CAPITAL.						
<i>Works in Progress.</i>						
Kurnool-Cuddapah Canal ...	19,350			6,150	18,450	Government of India Register No. 24 I. of 1895-96 and P.M.G., No. 766 I., dated 20th September 1895. Estimates for other works under preparation.
Munneyeru Project ...	3,68,000	25,535	1,23,000	1,10,040	1,23,000	P.M.G., No. 1089 I., dated 17th December 1893.
Dondapad Tank Project ...	1,27,193	93,315	27,100	16,980	10,850	P.M.G., No. 191 I., dated 25th Feb. 1892; No. 376 I., dated 9th May 1894; No. 530 I., dated 16th July 1894, and No. 615 I., dated 29th August 1894.
Sagileru Project ...	3,61,000	1,40,253	98,400	98,400	1,10,700	P.M.G., No. 10 I., dated 9th January 1894 and No. 915 I., dated 21st November 1894.
Thadapalli Channel System ...	26,600	3,962	12,900	12,900	8,610	P.M.G., No. 957 I., dated 6th Nov. 1893.
Palar Anicut System ...	19,98,950	19,35,314	9,000	16,735	12,300	Government of India Register No. 17 I. of 1884-85. Vide P.M.G., No. 83 I., dated 30th January 1891; No. 1002 I., dated 17th November 1893; No. 1053 I., dated 2nd December 1893, and No. 652 I., dated 14th August 1895.
Cheyaru Anicut System ...	1,62,050	1,42,644	8,400	17,690	3,690	P.M.G., No. 855 I., dated 6th October 1893; No. 328 I., dated 9th April 1895; No. 822 I., dated 7th October 1895; No. 945 I., dated 11th November 1895; No. 991 I., dated 19th November 1895, and No. 1055 I., dated 5th December 1895.
Lower Coleroon Anicut System.	2,20,050	9,261	66,500	43,061	78,720	P.M.G., No. 835 I., dated 8th October 1892; No. 960 I., dated 6th November 1893; No. 372 I., dated 5th May 1894, and No. 181 I., dated 25th Feb. 1895.
Maradur Anicut System ...	3,600			2,475	6,150	P.M.G., No. 1006 I., dated 14th December 1894; Estimate for another work under preparation.
Buckingham Canal ...	86,14,000	80,05,611	1,67,900	1,95,895	1,50,140	Government of India Register No. 15 I. of 1883-84; P.M.G., No. 3 I., dated 8th January 1895.
Canal from the Madras Harbour to the Buckingham Canal.	9,50,000		2,00,000	50,000	6,00,000	P.M.G., No. 1084 I., dated 14th December 1895.
Other Projects ...			36,500	68,201		
Total, Capital ..			7,49,500	6,38,527	11,22,610	
REVENUE.						
Ganjám Minor Rivers System ...				1,245	3,690	
Cumbum Tank System ...			2,460	2,460	2,460	
Thadapalli Channel System ...			3,000	3,002	4,300	
Arkenkotta do. do. ...			1,800	1,800	1,840	
Kalingaroyen do. do. ...			1,300	5,208	2,500	
Palar Anicut System ...			47,010	42,105	39,420	
Poiney do. do. ...			13,600	17,276	12,360	
Cheyaru do. do. ...			21,000	21,007	16,010	
Chembrambakam Tank System.			— 3,000	— 2,998	— 2,040	
Madras Water-supply and Irrigation Extension.			1,340	1,438	— 270	
Valluru Anicut System ...			600	600	900	
Tirukkoyilur Anicut System ...			17,000	19,457	12,350	
Mehamattur do. do. ...			2,500	3,626	1,850	
Vridhachalam Anicut System...			4,300	6,216	3,700	

PROVINCIAL—MINOR WORKS
AND NAVIGATION.

GOVERNMENT OF MADRAS.

CHARGES.

Part I—continued.

Details of the Budget Estimate of Expenditure on Irrigation Minor Works and Navigation in the Madras Presidency for the year 1896-97, arranged by Projects and Objects of Work—continued.

	Amount of Sanctioned Estimate.	Actual Outlay to end of 1894-95.	Budget Estimate, 1895-96.	Probable Outlay during 1895-96 (Revised Estimate).	Budget Estimate, 1896-97.	Remarks and References.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
PROVINCIAL—continued.						
43. MINOR WORKS AND NAVIGATION—continued.						
<i>Minor Works for which Capital and Revenue Accounts are kept—continued.</i>						
REVENUE—cont.						
Shatiatope Anicut System ...	...	...	17,200	8,976	14,660	
Pelandorai do. do. ...	...	...	6,000	4,430	4,190	
Lower Coleroon Anicut System. ...	...	...	29,630	21,464	28,390	
Nandyar Channel ...	...	...	...	2,534	5,050	
Maradur Anicut System ...	...	...	14,000	12,780	11,110	
Chilka Lake Canal ...	...	...	370	370	370	
Buckingham Canal ...	...	...	91,700	91,900	85,110	
Védaranniyam Canal ...	...	...	3,870	3,870	4,430	
Total, Revenue ..	...	...	2,75,680	2,68,766	2,52,380	
Total, Minor Works for which Capital and Revenue Accounts are kept ...	...	...	10,25,180	9,07,293	13,74,990	
<i>Minor Works for which neither Capital nor Revenue Accounts are kept, P.W.D.</i>						
Old maintenance charges ...	...	...	4,04,562	4,17,922	4,21,282	
Ordinary Minor Works ...	...	...	8,43,758	7,47,221	7,95,128	
Tank Restoration Works—						
Investigation ...	...	...	58,200	58,613	...	
Execution ...	...	...	5,52,900	5,34,858	6,85,000	
Minor Works, Revenue Department.	...	...	30,000	35,000	30,000	
Total ...	...	...	18,89,820	17,93,614	19,31,410	
Total, Irrigation and Navigation Works ...	...	...	29,15,000	27,00,907	33,06,400	
AGRICULTURAL WORKS.						
<i>Works for which neither Capital nor Revenue Accounts are kept.</i>						
MAJOR ORIGINAL WORKS.						
<i>In Progress.</i>						
Constructing left flood bank of the Nagavalli river between Annavaram and Ampli villages	5,730	...	5,032	2,030	3,000	P.M.G., No. 681 I., dated 10th August 1892.
Raising the Vasista Gódavari right bank from anicut to Chinchinada ferry.	72,800	1,785	10,000	15,000	30,000	P.M.G., No. 56 I., dated 19th Jan. 1893.

PROVINCIAL—MINOR WORKS
AND NAVIGATION.

GOVERNMENT OF MADRAS.

CHARGES.

Part I—continued.

Details of the Budget Estimate of Expenditure on Irrigation Minor Works and Navigation in the Madras Presidency for the year 1896-97, arranged by Projects and Objects of Work—continued.

	Amount of Sanctioned Estimate.	Actual Outlay to end of 1894-95.	Budget Estimate, 1895-96.	Probable Outlay during 1895-96 (Revised Estimate).	Budget Estimate, 1896-97.	Remarks and References.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
PROVINCIAL—continued.						
AGRICULTURAL WORKS—continued.						
<i>Works for which neither Capital nor Revenue Accounts are kept—continued.</i>						
MAJOR ORIGINAL WORKS—cont.						
<i>In Progress—cont.</i>						
Raising Vasista Gódavari right bank from Chinchinada ferry to Narsapur.	8,300	1,924	1,000	4,000	3,000	P.M.G., No. 431 I., dated 16th May 1893.
Raising the Vasista left bank from head to junction of Gunnavaram canal.	33,500	10,992	6,000	...	10,000	P.M.G., No. 101 I., dated 4th Feb. 1893.
Diverting Vinetyam right bank along Pasarlapudi channel left bank.	16,000	2,417	5,000	...	11,000	P.M.G., No. 1043 I., dated 10th Dec. 1893.
Raising the Kistna river left bank.	78,300	14,527	10,000	10,000	10,000	P.M.G., No. 278 I., dated 28th March 1893.
Rest-house at Avanigedda ...	3,120	...	3,000	3,000	500	P.M.G., No. 366 I., dated 1st May 1894.
Raising the flood embankment of the Kistna river on right side from 44 to 55½ miles.	33,000	1,285	...	...	15,000	P.M.G., No. 243 I., dated 13th March 1895.
Raising the Cauvery both banks from road No. 4 to Kumbakonam bridge.	25,900	9,664	6,000	6,000	10,000	P.M.G., No. 500 I., dated 11th September 1890.
Improving the Modicondanar both banks below road No. 15.	11,340	...	4,000	600	2,000	Estimate under preparation.
<i>Works not commenced.</i>						
Raising and strengthening the Coleroon left flood bank and restoring sluices.	...	...	20,000	...	10,000	Do.
Total, Major Original Works ...	...	...	...	...	1,04,500	
Minor Original Works ...	...	...	...	...	13,900	
Repairs ...	...	...	...	...	3,56,389	
Establishment ...	...	...	...	...	1,07,027	
Tools and Plant ...	...	...	...	...	6,784	
Total, Agricultural Works ...	...	...	...	...	5,88,600	
Total, Provincial ...	...	...	...	...	38,95,000	
LOCAL IRRIGATION CESS FUND.						
43. MINOR WORKS AND NAVIGATION.						
<i>Minor Works for which neither Capital nor Revenue Accounts are kept.</i>						
Total ...	...	...	8,000	33,120	7,800	

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following paper:—

No. 19 I.

Note by the Chief Engineer for Irrigation.

The accompanying preliminary issue of the budget estimates of the Irrigation Branch, Public Works Department, under Imperial, Provincial and Local for 1896-97, embodying the revised estimates for 1895-96, works up to the Imperial grants provisionally sanctioned by the Government of India in its letter, No. 10 A.I., dated 8th January 1896, printed in Proceedings of Madras Government, No. 74 I., dated 20th idem, and to the Provincial and Local grants fixed in Proceedings of Madras Government, No. 1050, Financial, dated 31st December 1895, and Proceedings of Madras Government, No. 828, Revenue, dated 20th December 1895.

2. The budget estimates of receipts and expenditure for 1896-97 compare with the revised estimates for 1895-96 and the actuals of 1894-95 as shown below:—

	Budget estimate, 1896-97.	Revised estimate, 1895-96.	Budget estimate, 1895-96.	Actuals, 1894-95.
IMPERIAL.	RS.	RS.	RS.	RS.
<i>Receipts.</i>				
XXIX. Major Works—				
Direct receipts	2,78,000	2,76,000	2,80,000	2,90,169
Portion of land revenue due to irrigation	67,28,000	60,11,000	65,90,000	54,17,266
Total ..	70,06,000	62,87,000	68,70,000	57,07,435
<i>Expenditure.</i>				
35. Protective Works, Irrigation	1,89,000	2,22,260	3,00,000	3,09,726
42. Major Works (working expenses)	12,80,000	12,85,000	11,92,000	11,12,031
49. Capital expenditure not charged to revenue	8,88,500	12,96,500	11,50,000	14,14,405
Total ..	23,57,500	28,03,760	26,42,000	28,36,162
PROVINCIAL.				
<i>Receipts.</i>				
XXX. Minor Works and Navigation—				
Direct receipts	1,70,000	1,70,000	1,79,000	1,65,884
<i>Expenditure.</i>				
43. Minor Works and Navigation	38,95,000	32,07,260	33,52,000	29,37,487
LOCAL IRRIGATION CESS FUND.				
<i>Expenditure.</i>				
43. Minor Works and Navigation	7,800	33,120	8,000	10,485
Total .. {Receipts ..	71,76,000	64,57,000	70,49,000	58,73,319
.. {Expenditure ..	62,60,300	60,44,140	60,02,000	57,84,134

3. *Major Works—Direct receipts.*—The current year's revised estimate is Rupees 4,000 less than the budget estimate, the decrease being chiefly due to license and toll fees on Government floating plant having been discontinued from 1895-96 in accordance

with the orders of the Government of India, No. 45 A.I., dated 1st May 1895, printed in Proceedings of Madras Government, No. 423 I., dated 17th idem. Compared with the revised estimate for the current year, the budget estimate for 1896-97 shows an increase of Rs. 2,000, of which Rs. 1,500 is anticipated to be realized from the Rushikulya project.

4. *Major Works—Portion of Land Revenue due to Irrigation.*—The current year's revised estimate is Rs. 5,79,000 less than the budget estimate, the decrease being attributable to extensive relinquishments of water under the Gódávári and Kistna deltas and also to exemption from enhanced water-rate of certain villages under the former. The budget estimate for next year is Rs. 7,17,000 more than the current year's revised estimate. The increase is due to the extension of irrigation under the Rushikulya project, the Kistna delta and the Sangam anicut systems. It is also presumed that there will be no relinquishments of water in the Gódávári and Kistna delta systems next year as during the current year.

5. *Protective Works—Irrigation.*—The current year's revised estimate is Rs. 77,740 less than the budget estimate, owing to a temporary cessation of work on the Surada reservoir and savings effected on completed works of the Rushikulya project. The surrender of the amount was accepted by the Government of India in its letter No. 81 A.I., dated 29th November 1895, printed in Proceedings of Madras Government, No. 1066 I., dated 11th December 1895. The budget estimate for next year is Rs. 33,260 less than the current year's revised estimate. In his telegram of the 23rd instant, the Executive Engineer, Rushikulya division, has reported, with reference to paragraph 4 of the letter from the Government of India, No. 10 A.I., dated 8th January 1896, that no more than the sum of Rs. 1,89,000 provided in the preliminary budget can be usefully spent on the project.

6. 42. *Major Works (working expenses).*—The current year's revised estimate is Rs. 93,000 more than the budget estimate. The increase represents the additional grant sanctioned by the Government of India in its telegram, No. 76 A.I., printed in Proceedings of Madras Government, No. 941 I., dated 8th November 1895, for the Kistna delta system. The ensuing year's budget estimate is Rs. 5,000 less than the current year's revised estimate. In the schedule of demands printed in Proceedings of Madras Government, No. 1061 I., dated 10th December 1895, Rs. 13,12,000 were applied for for expenditure during 1896-97, but the provisional assignment sanctioned by the Government of India being Rs. 32,000 less, the grants originally proposed for the Gódávári and Kistna delta systems have been reduced* from Rs. 5,47,000 and Rs. 5,41,000 to Rupees 5,30,000 and Rs. 5,26,000, respectively.

* Vide G.O. No. 74 I., dated 20th January 1896.

7. The provisional grant of Rs. 12,80,000 for next year is distributed as shown below :—

	Extensions and improve- ments.	Mainte- nance and repairs.	Establishment.			Tools and plant.	Total.
			23 per cent. on expendi- ture.	10 per cent. on direct revenue.	6 per cent. on irrigation revenue.		
<i>Productive.</i>							
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Gódávári delta	18,500	2,37,427	57,713	12,000	1,65,360	39,000	5,30,000
Kistna	14,000	2,49,801	60,559	4,800	1,41,540	55,300	5,26,000
Pennér anicut	1,843	10,140	1,908	40	8,760	5	19,000
Sangam	4,020	18,116	5,091	60	15,720	7	43,000
Kurnool-Cuddapah canal	6,000	57,000	14,490	1,000	5,874	1,636	86,000
Karur tank	1,004	1,500	576	..	720	..	3,800
Cauvery delta	12,500	37,658	5,869	350	49,980	1,103	18,200
Srivaikuntam anicut	3,531	10,792	3,295	100	6,360	78	24,000
<i>Protective.</i>							
Rushikulya project	..	24,106	5,544	150	..	200	30,000
Total	57,712	5,71,224	1,43,307	18,500	3,94,814	94,943	12,80,000

8. The amount provided for extensions and improvements to the Pennér anicut system, and that for maintenance and repairs to the Cauvery delta system are Rupees 1,843 and Rs. 37,658, respectively, less than the old maintenance charges, provided for under "43. Minor Works and Navigation."

9. The subjoined statement shows the amounts applied for and those provided under extensions and improvements, maintenance and repairs and tools and plant for each division for 1896-97 :—

Systems.	Divisions.	Extensions and improvements.		Maintenance and repairs.		Tools and plant.	
		Amount applied for.	Amount provided.	Amount applied for.	Amount provided.	Amount applied for.	Amount provided.
1	2	3	4	5	6	7	8
	<i>Productive.</i>	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Gódávári delta	Eastern	7,000	7,000	75,000	75,000	30,000	30,000
	Central	1,500	1,500	60,000	60,000	4,000	4,000
	Western	10,000	10,000	1,10,000	1,02,427	5,000	5,000
	Total	18,500	18,500	2,45,000	2,37,427	39,000	39,000
Kistna delta	Eastern	11,000	11,000	1,32,500	1,23,801	5,500	5,500
	Northern	..	..	26,000	26,000	45,800	45,800
	Western	3,000	3,000	1,00,000	1,00,000	4,000	4,000
	Total	14,000	14,000	2,58,500	2,49,801	55,300	55,300
Pennér anicut ..	Nellore	1,800	1,721	24,000	24,000	..	..
	Deduct old maintenance charges	3,564	3,564	13,860	13,860	5	5
	Net Total	1,764	1,843	10,140	10,140	5	5
Sangam anicut ..	Nellore	4,400	4,365	30,000	30,000	50	50
	Deduct old maintenance charges	345	345	11,884	11,884	57	57
	Net Total	4,055	4,020	18,116	18,116	7	7
Kurnool-Cuddapah canal.	Kurnool	10,000	6,000	57,000	57,000	1,500	1,636
Barur tank ..	Salem	1,000	1,004	1,500	1,500	..	..
Cauvery delta	Tanjore	8,000	8,000	40,000	40,000	200	200
	Negapatam	3,000	3,000	25,000	21,976	350	300
	Trichinopoly	1,500	1,500	6,000	6,000	10	..
	Total	12,500	12,500	71,000	67,976	560	500
Sri vaikuntam anicut.	Deduct old maintenance charges	..	..	1,05,634	1,05,634	1,603	1,603
	Net Total	12,500	12,500	34,634	37,658	1,043	1,103
	Tinnevely	4,000	3,883	16,000	16,000	..	..
Rushikulya project.	Deduct old maintenance charges	352	352	5,208	5,208	78	78
	Net Total	3,648	3,531	10,792	10,792	78	78
<i>Protective.</i>							
Rushikulya project.	Rushikulya	..	..	24,350	24,106	200	200
Grand Total		61,939	57,712	5,90,764	5,71,224	94,867	94,943

10. *Capital Expenditure not charged to Revenue, 49. Irrigation.*—The current year's revised estimate is Rs. 1,46,500 more than the budget estimate. The increase represents the additional grant sanctioned by the Government of India in its telegrams marginally noted for the Gódávári and Kistna deltas and the Periyár project.

No. 68 A.I., printed in Proceedings of Madras Government, No. 827 I., dated 9th Oct. 1895.
No. 17 A.I., printed in Proceedings of Madras Government, No. 79 I., dated 21st Jan. 1896.
No. 24 A.I., dated 24th January 1896.

11. The provisional grant of Rs. 8,88,500 sanctioned for next year is Rupees 4,08,000 less than the current year's revised estimate and is distributed as shown below:—

Projects.	Divisions.	Land.	Works.	Establishment.	Tools and plant.	Total.
Gódvári delta ..	Eastern ..	Rs. ..	Rs. 44,000	Rs. ..	Rs. ..	Rs. ..
	Central ..	1,500	12,000	..	165	..
	Western ..	5,000	8,500	..	..	..
	Total ..	4,500	64,500	14,835	165	84,000
Kistna delta ..	Eastern ..	20,000	1,80,000	..	5,000	..
	Northern ..	..	33,700	..	8,900	..
	Western ..	5,350	1,69,430	..	12,000	..
	Total ..	25,350	3,83,130	88,120	25,900	5,22,500
Pennér anicut ..	Nellore ..	..	7,317	1,683	..	9,000
Sangam anicut ..	Do. ..	..	15,447	3,553	..	19,000
Barur tank ..	Salem ..	..	1,382	318	..	1,700
Cauvery delta ..	Tanjore ..	..	41,224	..	..	..
	Negapatam ..	..	20,646	..	..	..
Sri vaikuntam anicut ..	Tinnevely ..	..	61,870	14,230	..	76,100
	..	..	10,580	2,433	87	13,100
Periyár ..	No. I Periyár ..	..	20,000	4,600	5,000	29,600
	Madura ..	10,000	1,00,000	23,000	500	1,33,500
Total ..	..	10,000	1,20,000	27,600	5,500	1,63,100
	Grand Total ..	39,850	6,64,226	1,52,772	31,652	8,88,500

In the schedule of demands printed in Proceedings of Madras Government, No. 1061 I., dated 10th December 1895, Rs. 10,66,000 were applied for for expenditure during 1896-97, but the provisional assignment sanctioned by the Government of India being Rs. 1,77,500 less, the grant originally proposed for the Kistna delta system has been reduced from Rs. 5,75,000 to Rs. 5,22,500 and the provision of Rs. 1,25,000 made for the commencement of the improvements to the Kalingaroyen channel has been eliminated (*vide* G.O. No. 74 I., dated 20th January 1896). Superintending Engineers concerned should submit, as soon as possible, the estimates for all works for which funds have been provided in anticipation of sanction under "Open Capital account."

12. The following statement compares the probable "direct" capital outlay to end of 1896-97 with the sanctioned estimates for the projects for which funds have been provided and for which the construction estimates have not yet been closed:—

Projects.	Sanctioned estimate.	Outlay to end of 1894-95.	Revised estimate, 1895-96.	Budget estimate, 1896-97.	Total.	Balance of estimate.
Kistna delta ..	Rs. 1,39,19,784	Rs. 1,08,33,853	Rs. 5,38,000	Rs. 5,22,500	Rs. 1,18,94,353	Rs. 20,25,431
Periyár project ..	84,71,000	73,56,036	6,95,600	1,63,100	82,14,736	2,56,264
Total ..	2,23,90,784	1,81,89,889	12,33,600	6,85,600	2,01,09,089	22,81,695

In Proceedings of Madras Government, No. 65 I., dated 18th January 1896, the sanction of the Government of India has been solicited to the existing estimate of direct charges for the Kistna delta system being increased by Rs. 9,84,000 to admit of improvements not originally provided for being proceeded with.

13. *Provincial Minor Works and Navigation—Direct Receipts.*—As the receipts during 1894-95 were about Rs. 13,000, less than the current year's budget estimates,

the current year's revised estimate has been fixed at Rs. 1,70,000. No increase is anticipated over the current year's revised estimate in the budget estimate for the ensuing year.

14. *Provincial Minor Works and Navigation.*—The current year's revised estimate is Rs. 1,44,740 less than the budget estimate owing to a portion of the grant for the Cooum Improvements scheme having been surrendered to the Financial Department, as the whole amount could not be utilized on the work owing to delay in the preparation of the estimate, which was sanctioned in G.O. No. 1084 A.I., dated 14th December 1895. The ensuing year's budget estimate is Rs. 6,87,740 more than the revised estimate owing chiefly to provision having been made for a larger outlay on the Cooum Improvements scheme than during the current year.

15. The assignment of Rs. 38.95 lakhs has been distributed as shown below:—

	RS.	RS.
Capital Account (see paragraph 16) ..	11,22,610	
Revenue Account (see paragraph 17) ..	2,52,380	
		13,74,990
Minor Works for which neither Capital nor Revenue Accounts are kept, P.W.D.—		
Old maintenance charges of Major and Minor works for which Capital and Revenue accounts are kept (see paragraph 18) ..	4,21,282	
Ordinary works (see paragraph 19) ..	7,95,128	
Tank Restoration works (see paragraph 21) ..	6,85,000	
		19,01,410
Agricultural works (see paragraph 22) ..	5,88,600	
Minor works, Revenue Department ..	30,000	
Total ..		38,95,000

16. *Capital Account.*—The amount proposed for expenditure under this head compares with the sanctioned estimates as shown below:—

Projects.	Amount of sanctioned estimate.	Outlay to end of 1894-95.	Probable outlay during 1895-96.	Budget estimate, 1896-97.					Total outlay.	Balance of estimate.
				Works.	Land.	Establishment.	Tools and plant.	Total.		
Kurnool-Cuddapah canal.	Rs. 3,68,000	Rs. 25,535	Rs. 6,150	Rs. 15,000	Rs. ..	Rs. 3,450	Rs. 18,450	Rs. 1,23,000	Rs. 2,58,575	Rs. 1,09,425
Munneyru project ..	1,27,193	93,315	16,980	1,00,000	..	23,000	..	10,850	1,21,145	6,048
Dondapad do. ..	3,61,000	1,40,253	98,400	90,000	..	20,700	..	1,10,700	3,49,353	11,647
Sagilérú do. ..	26,600	3,962	12,900	7,000	..	1,610	..	8,610	25,472	1,128
Thadapalli channel ..	..	..	..	10,000	..	2,300	..	12,300	..	..
Pálár anicut ..	..	..	..	3,000	..	690	..	3,690	..	..
Cheyáru anicut ..	..	..	..	..	..	14,720	..	78,720	1,31,042	89,008
Lower Coleroon anicut ..	2,20,050	9,261	43,061	64,000	..	1,150	..	6,150	..	..
Maradur anicut ..	..	..	2,475	5,000	..	..	..	..	..	..
Buckingham canal ..	86,14,000	80,05,611	1,95,895	1,18,000	..	27,140	5,000	1,50,140	83,51,646	2,62,354
Canal from the Madras Harbour to the Buckingham canal ..	9,50,000	..	50,000	3,63,658	1,37,200	83,642	15,500	6,00,000	6,50,000	3,00,000
Total ..	..	..	..	7,79,356	1,43,502	1,79,252	20,500	11,22,610	..	..

The amount proposed for the Kurnool-Cuddapah canal includes Rs. 8,300 under works for expenditure on demarcating lands under the canal and for improvements to the Rampalli channel for which estimates were sanctioned in the orders marginally noted. The balance of the amount provides for excavating a channel for supplying Sirvel tank and for improvements to irrigation sluices, &c., for which estimates are under preparation and will have to be sanctioned under Capital Account of the canal under paragraph 36, Chapter V, Vol. II, Public Works Department Code. The proposed expenditure on the Pálár anicut system will be incurred on the works remaining to be completed on the 31st March 1896 under G.O. No. 304 I., dated 2nd April 1895. The Superintending Engineer, IV Circle, should see that there is no delay in the submission

of the schedule of works, report and index map prescribed in paragraph 11, Chapter IX, volume II, Public Works Department Code. Of the sum of Rs. 5,000 provided for the Marudur anicut system, Rs. 4,100 are intended for expenditure on an unsanctioned work, viz., improving the Marudur Melakal for which an estimate is under preparation.

17. *Revenue Account.*—The following statement shows the amount provided for each system under this head:—

Divisions.	Systems.	Extensions and improvements.	Maintenance and repairs.	Establishment.		Tools and plant.	Total.
				Twenty-three per cent. on expenditure.	Ten per cent. on direct receipts.		
Kurnool ..	Cumbum tank ..	Rs. 500	Rs. 1,500	Rs. 460	Rs. ..	Rs. ..	Rs. 2,460
Coimbatore ..	Thadapalle channel ..	500	2,989	803	8	..	4,300
	Arkenkota do. ..	500	996	344	..	..	1,840
North Arcot ..	Kalingaroyen channel ..	..	1,998	460	42	..	2,500
	Poincy anicut ..	2,000	8,000	2,300	60	..	12,360
	Cheyáru do. ..	3,000	10,000	2,900	20	..	16,010
	Pálar do. ..	4,836	21,891	7,343	154	4	39,240
Chingleput ..	Pálar do. ..	200	5,000	..	..	..	..
	Chembrambakam tank ..	— 1,475	— 97	— 362	3	— 109	— 2,040
	Madras water-supply and irrigation extension ..	— 3,600	2,301	— 299	1,338	— 10	— 270
	Valluru anicut ..	232	500	168	..	..	900
South Arcot ..	Tirukkóyilúr anicut ..	2,000	7,994	2,299	67	..	12,350
	Mehamattur do. ..	502	1,000	345	3	..	1,850
	Vriddhachalam anicut ..	504	2,500	691	5	..	3,700
	Shatiatope do. ..	1,894	10,000	2,736	30	..	14,660
Tanjore ..	Pelandorai do. ..	446	2,942	779	25	— 2	4,190
	Lower Coleroon anicut ..	2,000	16,000	5,290	100	..	28,390
Trichinopoly ..	Lower Coleroon do. ..	2,000	3,000	..	..	..	..
Tinnevely ..	Nundiar channel ..	3,500	606	944	..	..	5,050
	Maradur anicut ..	1,000	8,004	2,071	35	..	11,110
Ganjám ..	Ganjám minor rivers ..	..	3,000	690	..	..	3,690
Buckingham canal.	Chilka lake ..	..	301	69	..	..	370
Negapatam ..	Buckingham canal ..	1,000	56,000	13,110	11,000	4,000	85,110
	Védaranniyam canal ..	..	3,504	806	120	..	4,430
Total ..		21,539	1,69,929	44,037	13,000	3,875	2,52,380

In the case of the marginally-noted systems, the amounts applied for by Superintending Engineers under extensions and improvements and maintenance and repairs have been reduced to what is considered ample. If these systems require extensive improvements, the cost should not be met from revenue. In all other cases with slight modifications to round off totals the amounts applied for have been provided. Superintending Engineers

should continue to see that expenditure under this head is restricted to reasonable limits.

18. *Old Maintenance charges.*—The sum provided is Rs. 57,110 more than that fixed in G.Os. Nos. 395 I. and 484 I., dated 18th July and 4th September 1890, respectively. The increase is due to the Board of Revenue having raised the old irrigation revenue from the Cauvery delta system from Rs. 23,65,000 to Rs. 33,17,000 (*vide* Proceedings of Madras Government, No. 8 I., dated 3rd January 1896).

19. *Ordinary works.*—The allotments proposed under this head are compared below with the current year's grants:—

	1896-97.	1895-96.
	RS.	RS.
Original works, Major ...	1,21,000	1,17,806
Do. Minor (see statement A) ...	1,76,739	1,12,687
Repairs (see statement A) ...	3,41,000	3,69,039
Establishment at 23 per cent. on expenditure ...	1,45,875	1,37,709
Do. at 10 „ on direct revenue ...	1,000	1,000
Tools and plant at 1½ „ on expenditure ...	9,514	8,980
Total ...	7,95,128	7,47,221

20. Under original works, major, funds have been provided for the following works:—

	Amount provided. RS.
Gódvári Western division—	
1. Diversion of Yerracalva and construction of masonry dams across it and Gundapalli channel ...	5,000
Kistna Western division—	
2. Macherla tank ...	12,000
3. Ipur tank ...	8,000
4. Jonapad tank ...	5,000
Nellore division—	
5. Idumapalli tank improvements ...	9,000
6. Mannangidinni tank improvements ...	1,700
7. Mopad tank improvements ...	14,000
8. Maripad tank improvements ...	5,500
9. Gundavole tank improvements ...	5,000
Bellary division—	
10. Rampur channel improvements ...	12,000
11. Dasanur channel improvements ...	7,000
12. Maravapalli agharam tank ...	4,900
13. Royalcheruvu old tank ...	4,000
Kurnool division—	
14. Pedda and Chinna Mallammal tank of Ramapuram ...	1,000
15. Machaverappah tank of Indresweram ...	2,600
16. Yerragundampolliem tank improvements ...	2,000
Salem division—	
17. Excavating a new supply channel to Pennagundapuram tank ...	6,000
Chingleput division—	
18. Tirumushi tank head-sluice and new supply channel ...	3,500
19. Kumaravadi tank improvements ...	2,800
South Arcot division—	
20. Cutting a channel from Ponnar river to irrigate lands in Tirukandesweram and other villages ...	2,000
Tinnevely division—	
21. Puliur Periyakulam ...	3,000
22. Sivalaperi channel ...	3,000
23. Vadukachimathel tank and channel ...	2,000
Total ...	1,21,000

The estimates for items 5, 13, 16, and 17 have not yet been sanctioned.

21. *Tank Restoration works.*—The amount of Rs. 6,85,000 provided for expenditure on tank restoration works has been distributed as shown below:—

Execution.	Probable balance of sanctioned estimate on 1st April 1896.	Amounts applied for by Superintending Engineers.	Amounts provided.
Divisions.	RS.	RS.	RS.
Vizagapatam ..	47,677	45,000	45,000
Gódvári Eastern ..	14,128	6,000	6,000
Do. Western ..	53,728	2,000	4,000
Kistna Northern ..	1,19,300	30,000	30,000
Salem ..	1,00,175	25,000	50,000
North Arcot ..	2,31,966	40,000	50,000
Chingleput ..	85,902	75,000	75,201
South Arcot ..	89,409	32,000	50,000
Negapatam ..	1,65,442	75,000	75,000
Madura ..	1,24,071	1,00,000	1,00,000
Tinnevely ..	..	50,000	65,000
Total ..	..	..	5,50,201
Establishment ..	..	..	1,26,546
Tools and plant ..	..	..	8,253
Grand Total ..	..	..	6,85,000

With reference to G.O. No. 1079 I., dated 13th December 1895, no provision has been made in the preliminary budget for the establishment employed on tank restoration investigation, as this establishment will be provided in the budget estimates for "Provincial, 45. Civil Works" in future.

22. *Agricultural works.*—The distribution of the amount of Rs. 5,88,600 provided for expenditure on agricultural works during next year compares with the current year's grants as shown below :—

	1896-97.	1895-96.
	RS.	RS.
Original works, Major	1,04,500	98,596
Do. Minor	13,900	12,198
Repairs	3,56,389	2,98,976
Establishment at 23 per cent. on expenditure ...	1,04,027	87,347
Do. at 10 per cent. on direct receipts ...	3,000	3,000
Tools and plant at 1½ per cent. on expenditure ...	6,784	5,696
Do. special	...	540
Total ...	5,88,600	5,06,353

The major original works for which funds have been provided are enumerated in part I of the budget estimates for "43. Minor Works and Navigation." The distribution of the grants for Minor original works and repairs is shown in Statement B attached to this note.

23. *Minor works, Revenue Department.*—The budget estimate of Rs. 30,000 has been distributed as shown below :—

Reserve—	RS.
Original works	24,096
Establishment	5,542
Tools and plant	362
Total ...	30,000

Superintending Engineers should make early application for the funds required for expenditure on sanctioned works to be executed by Public Works Department officers.

24. *Local Irrigation Cess Fund.*—The current year's revised estimate of expenditure exceeds the budget estimate by Rs. 25,120, the increase having been sanctioned chiefly for clearing silt from the bed of the Wycondan channel in the Trichinopoly division. As this work is expected to be completed during the current year, the budget estimate for the ensuing year is Rs. 25,320 less than the current year's revised estimate. The budget estimate of Rs. 7,800 for next year is distributed as shown below :—

	Original works.	Repairs.	Total.
	RS.	RS.	RS.
Salem division	3,000	2,000	5,000
Trichinopoly division	...	2,800	2,800
Total ...	...	...	7,800

25. The total grant for works and repairs under all heads and the contribution to "45. Civil Works" on account of establishment and tools and plant charges are as shown below :—

	1896-97.	1895-96.
	RS.	RS.
Total grant for works and repairs	44,49,840	42,03,161
Establishment at 23 per cent. on expenditure ...	9,69,640	9,31,066
Do. at 10 per cent. on direct revenue ...	35,500	35,300
Do. at 6 per cent. on irrigation revenue ...	6,25,254	5,78,814
Do. special for tank restoration	...	57,700
Total establishment ...	16,30,394	16,02,880
Tools and plant at 1½ per cent. on expenditure ...	24,913	21,542
Do. special for tank restoration scheme ...	...	913
Total ...	24,913	22,455

26. The following statement shows the amounts provided for land compensation under the several heads* for each division :—

	RS.	RS.
35. Protective works, Irrigation—		
Rushikulya division	10,000	10,000
42. Major Works (Working Expenses)—		
Maintenance and Repairs—		
Gódavari Eastern division	2,000	1,000
Do. Central "	2,000	500
Do. Western "	500	360
Kistna Western "	360	5,860
Trichinopoly division	...	...
43. Minor Works and Navigation—		
Capital Account—		
Dondapad project, Kistna Northern division ...	6,302	...
Coom Improvements scheme, Buckingham Canal division	1,37,200	1,43,502
Minor Works for which neither Capital nor Revenue Accounts are kept, P.W.D.—		
Ordinary Works—		
Original works, Gódavari Eastern division ...	1,500	...
Do. Kistna Northern "	3,000	4,500
Agricultural Works—		
Original works—		
Gódavari Central division	2,000	20,000
Do. Western "	500	...
Kistna Western "	...	22,500
Total ...	1,86,362	...

29th January 1896.

(Signed) R. R. E. DRAKE-BROCKMAN, Col., R.E.,
Chief Engineer for Irrigation.

ENCLOSURES.

A.—STATEMENT showing the proposed grants for Minor Original Works under Rs. 2,500 each and Repairs for 1896-97 under Minor Works for which neither Capital nor Revenue Accounts are kept, Public Works Department.

	Irrigation revenue for 1894-95.	Grant for 1896-97.	
		Minor original works.	Repairs.
	RS.	RS.	RS.
Ganjám	74,218	7,000	17,000
Vizagapatam	61,053	16,000	17,000
Górávari Eastern	47,321	3,000	15,000
Do. Western		2,000	4,000
Kistna Northern	18,400	1,000	2,000
Do. Eastern			6,000
Nellore	92,634	10,000	25,000
Cuddapah	84,455	5,000	25,000
Kurnool	29,229	3,000	10,000
Bellary	80,730	5,000	30,000
West Coast			2,000
Coimbatore	44,038	6,000	12,000
Salem	58,146	4,000	12,000
North Arcot	76,557	10,000	25,000
Chingleput	2,60,717	10,000	35,000
South Arcot	93,874	10,000	35,000
Tanjore	18,975	1,000	2,000
Trichinopoly	1,22,946	15,000	25,000
Madura	99,422	9,000	12,000
Tinnevely	65,338	10,000	30,000
Total		1,27,000	3,41,000
Reserve		49,739	
Total		1,76,739	3,41,000

B.—STATEMENT showing the grants for Minor Original Works below Rs. 2,500 each and Repairs under Agricultural Works for 1896-97.

	Minor original works.	Repairs.
	RS.	RS.
Ganjám	2,000	3,000
Vizagapatam	500	3,800
Górávari Eastern		30,000
Do. Central	1,000	65,000
Do. Western		16,000
Kistna Northern		1,300
Do. Eastern		9,000
Do. Western		1,00,000
Nellore	1,900	7,000
Buckingham Canal		7,000
Cuddapah		4,000
Coimbatore	3,500	6,500
Salem		589
North Arcot		1,000
Chingleput	500	1,000
South Arcot	400	8,700
Tanjore	2,000	45,000
Negapatam		20,000
Trichinopoly	2,000	25,000
Tinnevely		1,500
Rushikulya	1,000	1,000
Total	13,900	3,56,389

ORDER—No. 120 I., dated 4th February 1896.

The Budget estimates preliminary issue for "Major Works" and "Minor Works and Navigation" for 1896-97, embodying the revised estimates for 1895-96, as drawn up by the Chief Engineer for Irrigation, are approved and will be forwarded to the Government of India. The distribution by divisions of the grants for "Minor Original Works" and "Repairs" proposed by him is also approved.

2. The attention of the Superintending Engineers concerned is drawn to the remarks made in the foregoing note.

3. Ordered that the following letter be sent to the Government of India.

[Here enter No. 121 I., dated 4th February 1896.]

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Colonel, R.E.,
Secretary to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.

" all Superintending Engineers.
" the Superintendent of Works, No. I Periyár Division.
" the Examiner, Public Works Accounts.
" the Revenue Department.
" the Financial Department.

Exd. T. K. Narayana Aiyangar.
Spare Copies

IRRIGATION.
ACCOUNT.

Govt. of {1896} Madras.

PUBLIC WORKS.

Dated February, 4th.

Recd.

Encl.

G.O. No. 120 I., 4th Feb. 1896.

FEBRUARY.

Budget Estimates

The preliminary issue of the — of the Irrigation Branch for "Major Works" and "Minor Works and Navigation" for 1896-97, embodying the revised estimates for 1895-96, as drawn up by the Chief Engineer for Irrigation, approved with remarks.

No. 121 I., 4TH FEBRUARY 1896.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

LETTER—from

Colonel R. R. E. DRAKE-BROCKMAN, R.E.,

Secretary to the Government of Madras,

Public Works Department,

Irrigation Branch,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

PUBLIC WORKS DEPARTMENT.

SIR,

In forwarding a copy of Proceedings of Madras Government, No. 120 I., dated 4th February 1896, together with the preliminary issue of the budget estimates of the Irrigation Branch for "Major Works" and "Minor Works and Navigation" for 1896-97, I am directed to request that the approval of the Government of India thereto may be communicated at an early date.

I have the honour to be,

Sir,

Your most obedient servant,

(Signed)

R. R. E. DRAKE-BROCKMAN, Colonel, R.E.,

Secretary to Govt., P.W.D.,

Irrigation Branch.

MADRAS,
4th February 1896.

Exd. T. K. Narayana Aiyangar.
Spare Copies

IRRIGATION.
ACCOUNT.

Gobt. of {1896} Madras.
PUBLIC WORKS.

Dated February, 4th

Recd.

Encl.

No. 121 I., 4th February 1896.

FEBRUARY.

Budget Estimates

Forwarding, for approval, Proceedings embodying the preliminary issue of the — of the Irrigation Branch for "Major Works" and "Minor Works and Navigation" for 1896-97.

190
PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

A
No 120 I. 4 February 1896
PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

Note by the Chief Eng- for Irrigation No 19 I.
of 29 Jan 1906

to
31 Jan

There is something I never can understand, though I believe it has several times been explained to me & that is the "Old Maintenance Charges" for which Rs 4,21,202 are provided. What is done with this money? What on ordinary repairs of the works in question is spent?

RS
1/2/96

JG
2/2/96

The budget estimates preliminary issued for "Major Works" & "Minor Works & Navigation" for 1896-97, embodying the revised estimates for 1895-96, as drawn up by the Chief Eng. for Irrigation, are approved & will be forwarded to the Govt of India. The distribution by divisions of the grants for "Minor Original Works" & "Repairs" proposed by him is also.

approved.

2. The attention of the Supt Engrs concerned is drawn to the remarks made in the foregoing note.

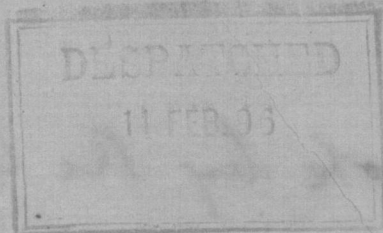
3. Ordered that the following letter be sent to the Govt of India.

No 121 D of 4 Feb 1896.

To
The Secretary to the
Govt of India
I W D

Sir,

In forwarding
a copy of S. M. G. No 120
I of 4 Feb 1896, together
with the preliminary
issue of the budget
estimates of the
Irrigation Branch for
"Major Works" &
"Minor Works & repairs"
for 1896-97, I am

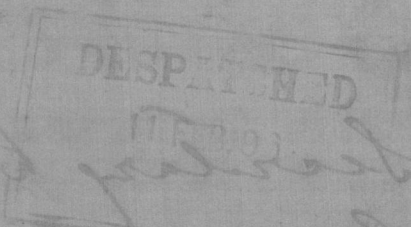


To
The Chief Engrs.
All Supt Engrs
Supt of Works, No
1 Perjan Dr.
S. I. W. 2.
No. 101
Civil Dept

20
directed to request
that the approval
of the Govt of India
therein may be com-
municated at an
early date.

W. H.
29/11

Revised
29/11



CCS
28/11

No. 395 Jy 18-7-90 ✓
 " 484 J. 4-9-90 ✓
 " 766 J. 20-9-95 ✓
 " 1098 J. 19-12-95 ✓
 " 304 J. 2-4-95 ✓
 " 1084 J. 14-12-95 ✓
 A
 " 1061 J. 10-12-95 ✓
 " 827 J. 9-10-95 ✓
 " 1066 J. 11-12-95 ✓
 " 941 J. 8-11-95 ✓
 " 423 J. 17-5-95 ✓
 " 73 J. 20-1-96 ✓
 " 32 J. 14-1-96 ✓
 " 1079 J. 13-12-95 ✓
 " 22 J. 10-1-96 ✓
 " 8 J. 3-1-96 ✓

~~Handwritten notes~~
 Honble Mr. Pless
 Honble Mr. Pless
 Emb 2

Dec. 29. 1. 96
Urgent

Budget Estimates, preliminary
 issue, for Major & Minor
 Works Navigation for
 1896-97.

Print very urgently

Issue.

Printed
 4/2

3-2-96

Please see the accompanying
 note replying to the remarks
 made by the Honble Mr. Pless.

3-2-96

Note to be printed &
 issued urgently so as
 to reach the Govt of India
 by 15 Feb 196.

No 198 Jy 24. 1. 96

Read the following:-

Note by the Chief Engr.
 for Irrigation.

The accompanying
 preliminary issue
 of the Budget Estimates
 of the Irrigation Branch,
 Public Works Dept.,
 under Imperial, Pro-
 vincial & Local for
 1896-97, embodying
 the revised estimates
 for 1895-96, works
 up to the Imperial
 grants provisionally
 sanctioned by the
 Govt of India in
 its letter, No 10 A. J.,
 of 8th Jan 96, printed
 in Pub. W. 74 J,
 of 20th idem, & to the
 Provincial & Local
 grants fixed in
 the Budget

to be press.

July No. 1050 Financial
of 31st Dec/95 & July.

No. 828 Rev. of 20 Dec/95.

2. The budget estimates
of receipts & expenditure
for 1896-97 compare
with the revised estimates
for 1895-96 & the actuals
of 1894-95 as shown
below. —

Imperial Receipts	Budget Estimate 1896-97 Rs	Revised Estimate 1895-96 Rs	Budget Estimate 1895-96 Rs	Actuals 1894-95 Rs
XXIX Major works —				
Direct receipts	2,78,000	2,76,000	2,80,000	2,90,169
Portion of land revenue due to irrigation ..	67,28,000	60,11,000	65,90,000	54,65,604
Total	70,06,000	62,87,000	68,70,000	57,55,773
Expenditure				
35 Protective works, Irrigation —	18,90,000	22,22,260	3,00,000	3,09,726
42 Major works (Working Expenses).	12,80,000	12,85,000	11,92,000	11,12,031
49 Capital Expenditure not charged to Revenue	8,88,500	12,96,500	11,58,000	14,14,405
Total	23,57,500	28,03,760	26,42,000	28,36,162
Provincial Receipts				
XXX Minor works & navigation				
Direct receipts	1,70,000	1,70,000	1,79,000	1,65,884
Expenditure				
43 Minor works & navigation ..	38,95,000	32,07,260	33,52,000	29,37,487
Local Navigation Cas Fund.				
Expenditure				
43 Minor works & navigation ..	7,800	33,120	8,000	10,485
Total { Receipts ..	71,76,000	64,57,000	70,49,000	58,73,319
{ Expenditure ..	62,60,300	60,44,140	60,02,000	57,84,134

3. Major works.
Direct Receipts. The
current year's revised
estimate is Rs 4000
less than the budget
estimate, the decrease
being chiefly due to
license & toll paid
on Govt floating plant
having been discontinued
from 1895-96 in ac-
cordance with the orders
of the Govt of India,
No. 45 A.S., of 1st May/95,
printed in July No.
423. S., of 17 idem.
Compared with the
revised estimate for
the current year, the
budget estimate for
1896-97 shows an in-
crease of Rs 2000
of which Rs 1500
is anticipated to be

realised from the
Rushikulya Project.

4. Major Works.

Portion of land revenue
due to irrigation.

The current year's
revised estimate is
Rs 5,79,000 less than
the budget estimate,
the decrease being
attributable to ex-
tensive relinquish-
ments of water under
the Godavari & Krishna
Deltas & also to
exemption from en-
hanced water rate
of certain villages
under the former.

The budget estimate
for next year is Rs
7,17,000 more than

the current year's
revised estimate.

The increase is due
to the extension of
irrigation under the
Rushikulya Project,
the Krishna &
Delta & the Sangam
Ancient Systems. It
is also presumed
that there will be
no relinquishments
of water in the
Godavari & Krishna
Delta Systems next
year as during
the current year.

5. Protective Works,

Irrigation. The current
year's revised
estimate is Rs
77,740 less than
the budget estimate

owing to ^{a temporary} cessation
of work on the Surunda
reservoir & savings
effected on completed
works of the Dushkumbha
Project. The surrender
of the amount was
accepted by the
Govt of India in its
letter No 87. A.D., of
29th Nov/95, printed
in P.W.G. No 106 B.D.,
of 11th Dec/95. The budget
estimate for next year
is Rs 33,260 less than
the current year's re-
vised estimate. In
his telegram of the
23rd inst, the Executive
Engineer, Dushkumbha
Pr., has reported, with
reference to para
4 of the letter from

4 P
the Govt of India, No 102 A.D.
of 8 Jan/96, that no more
than the sum of Rs 18,900
provided in the pre-
liminary budget can
be usefully spent on
the project.

b. 42. Major works
(Working Expenses). The
current year's revised
estimate is Rs 93,000
more than the budget
estimate. The increase
represents the additional
grant sanctioned by
the Govt of India in
its telegram, No 76 A.D.,
printed in P.W.G. No
941 of 8th Nov/95,
for the Krishna Delta
System. The ensuing
year's budget estimate
is Rs 5,000 less than
the current year's
revised estimate.

In the schedule of demands printed in Pub. G. No 1061. I, of 10 Dec/95, Rs 13,12,000 were applied for for expenditure during 1896-97. but the provisional assignment sanctioned by the Govt of India being Rs 32,000 less, the grants originally proposed for the Godavari & Krishna Delta systems have been reduced from Rs 5,47,000 & Rs 541,000 to Rs 5,30,000 & Rs 526,000 respectively.

The provisional grant of Rs 12,80,000 for next year is distributed as shown below:—

* vide G.O. No. 74 I of 20th Jan/96. in press

	Extensions & Improvements	Maintenance & Repairs	Establishment			Tools & Plant	Total
			23 per cent on expenditure	10 per cent on direct revenue	6 per cent on irrigation revenue		
	Rs	Rs	Rs	Rs	Rs	Rs	Rs
<u>Productive.</u>							
Godavari delta	18,500	2,37,427	57,713	12,000	1,65,360	39,000	5,30,000
Krishna	14,000	2,49,801	60,559	4,800	1,41,540	55,300	5,26,000
Telmer Ament	—1843	10,140	1,908	40	8,760	—5	19,000
Sangam	4,020	18,116	5,091	60	15,720	—7	43,000
Kurnool-Cuddapah Canal	6,000	57,000	14,490	1,000	58,740	1,636	86,000
Warur Tank	1,004	1,500	576		720		3,800
Canvey delta	12,500	—37,658	—5,869	350	49,980	—103	18,200
Srirangam Ament	3,531	10,792	3,295	100	6,360	—78	24,000
<u>Protective.</u>							
Rushikulpe project		24,106	5,544	150		200	30,000
Total	57,712	5,71,224	1,42,307	18,500	3,94,314	94,943	12,80,000

8. The amount provided for extensions & improvements to the Telmer Ament System & that for maintenance & repairs to the Canvey Delta System are Rs 1843 & Rs 37,658 respectively

less than the old
maintenance charges
provided for under
"43. Minor works &
Navigation."

9. The subjoined
statement shows the
amounts applied
for & those provided
under extensions &
improvements, main-
tenance & repairs &
tools & plant for
each divⁿ for 1896-97:-

Systems	Divisions	Extensions & Improvements		Maintenance & Repairs		Tools & Plant	
		Amount applied for	Amount provided	Amount applied for	Amount provided	Amount applied for	Amount provided
1	2	3	4	5	6	7	8
		Rs	Rs	Rs	Rs	Rs	Rs
	Productive.						
Godavari delta	Eastern	7000	7000	75000	75000	30000	30000
	Central	1500	1500	60000	60000	4000	4000
	Western	10000	10000	110000	102427	5000	5000
Total		18500	18500	245000	237427	39000	39000

1	2	3	4	5	6	67	8
Kistna delta	Eastern	11000	11000	132500	123801	5500	5500
	Northern			26000	26000	45800	45800
	Western	3000	3000	100000	100000	4000	4000
Total		14000	14000	258500	249801	53300	53300
Pennis Aricut Nellore		1800	1721	24000	21000		
Deduct old maint ⁿ charges		3564	3564	13860	13860	5	5
Net Total		-1764	-1843	10140	10140	-5	-5
Sungam Aricut Nellore		4400	4365	30000	30000	50	50
Deduct old maint ⁿ charges		345	345	11884	11884	57	57
Net Total		4055	4020	18116	18116	-7	-7
Kurnool- Cuddapah Canal.		10000	6000	57000	57000	1500	1636
Barur tank Salem		1000	1004	1500	1500		
Canavery delta	Tanjore	8000	8000	40000	40000	200	200
	Nagapattam	3000	3000	25000	24976	350	300
	Tirichinopoly	1500	1500	6000	6000	10	
Total		12500	12500	71000	67976	560	500
Deduct old maint ⁿ charges				105634	105634	1603	1603
Net Total		12500	12500	-34634	-37658	-1043	-1103
Sivakumthar Tirunelveli		4000	3883	16000	16000		
Aricut Deduct old maint ⁿ charges		352	352	5208	5208	78	78
Net Total		3648	3531	10792	10792	-78	-78
Protective.							
Dushikulga Propet				24350	24106	200	200
Grand Total.		61939	57712	590764	571224	94867	94943

10. Capital Expenditure
not charged to Rev.
49. Migration. The
current year's

revised estimate is
Rs 1,46,500 more than
the budget estimate.
The increase represents
the additional grants
sanctioned by the
Govt of India in its
telegrams marginally
noted for the Godavari
& Krishna Deltas & the
Periyar Project.

11. The provisional
grant of Rs 8,88,500
sanctioned for next
year is Rs 4,08,000
less than the current
year's revised estimate
& is distributed
as shown below:—

N^o 68 A. J. printed in P. M. G.
N^o 827 Idy 9th Oct 1995
N^o 17 A. J. do N^o 7989 Jan 1996
N^o 24 A. J. dated 24 Jan 1996
In press

Project	Divisions	Land	Works	Water rent	Tool Plant	Total
		Rs	Rs	Rs	Rs	Rs
Godavari delta	Eastern		44,000		165	
	Central	1500	12,000			
	Western	3000	8500			
	Total	4500	64,500	14,835	165	84,000
Krishna delta	Eastern	20,000	1,80,000		5000	
	Northern		33,700		8900	
	Western	5350	1,69,430		12,000	
	Total	25,350	3,83,130	88,120	25,900	5,22,500
Periyar ancient	Kollur		7317	1683		9,000
Sangam ancient	Kollur		15,447	3553		19,000
Burnt Tank	Salem		1382	318		1700
Cauvery delta	Trangore		4,122			
	Negapatam		2,064			
	Total		61,870	14,230		76,100
Pozhikuntham Ancient	Tinnevely		10,580	2,433	87	13,100
Periyar	N ^o 1 Periyar		20,000	2,600	5000	29,600
	Madura	10,000	1,00,000	23,000	500	1,33,500
	Total	10,000	1,20,000	27,600	5,500	1,63,100
Grand Total		39,850	6,64,226	1,52,772	31,652	8,88,500

In the schedule
of demands printed
in P. M. G. N^o 1061. J.,
of 10. Dec 1995, Rs 1,06,60,000
were applied for for
expenditure during 1896-97,
but the provisional
assignment sanctioned
by the Govt of India being

Rs 177,500 less the grant originally proposed for the Krishna Delta System has been reduced from Rs 575,000 to Rs 522,500 + the provision of Rs 125,000 made for the commencement of the improvements to the Kalingsrozer channel has been eliminated. vide

Go No. 74⁺ I, dt 20th Jan 96.

Supp Engrs. concerned should submit as soon as possible the estimates for all works for which funds have been provided in anticipation of sanction under "Open Capital Account."

+ In press

12. The following statement compares the probable "direct" capital outlay to end of 1896-97 with the sanctioned estimates for ~~many~~ of the projects for which funds have been provided + for which the construction estimates have not yet been closed:—

Projects	Sanctioned estimate	Outlay to end of 1894-95	Revised estimate 1895-96	Budget estimate 1896-97	Total	Balance of estimate
	Rs	Rs	Rs	Rs	Rs	Rs
Krishna delta..	139,19,784	108,33,853	538,000	5,22,500	118,94,353	20,25,431
Periyar Project..	84,71,000	73,56,036	6,95,600	1,63,100	82,14,736	2,56,264
Total	223,90,784	181,89,889	12,33,600	6,85,600	201,09,089	22,81,695

+ In press

In D. No. 65. I, dt 18 Jan 96, the sanction of the Govt of India has been solicited to the existing estimate

of direct charges for
the Kistna Delta System
being increased by Rs
9,84,000 to admit of
improvements not
originally provided for
being proceeded with.

13. Provincial Minor
Works & Navigation. Direct
Receipts. As the receipts
during 1894-95 were
about Rs 13,000 less than
the current year's budget
estimate, the current
year's revised estimate
has been fixed
at Rs 1,70,000. No
increase is anticipated
over the current year's
revised estimate in the
budget estimate for
the ensuing year.

14. Provincial Minor
Works & Navigation. The

current year's revised
estimate is Rs 144,740
less than the budget
estimate, owing to
a portion of the
grant for the
Coorn Improvements
Scheme having been
surrendered to the
Financial Dept as the
whole amount could
not be utilised on the
work owing to delay
in the preparation of
the estimate, which
was sanctioned in G.O.
N^o 1084 A.S., of 14 Dec/95.
The ensuing year's
budget estimate is
Rs 6,87,740 more than
the revised estimate
owing ^{chiefly} to provision
having been made
for a larger outlay
on the Coorn Improvements

scheme than during the current year.

15. The assignment of Rs 38.95 lakhs has been distributed as shown below:-

	Rs.	Rs.
Capital Account. (supara 16).	11,22,610	
Rev. Account. (supara 17).	2,52,380	
		13,74,990
Minor works for which neither Capital nor Rev. Accts are kept, I.W.D.		
Old maintenance charges of Major & Minor works for which Capital & Rev. Accts are kept. (see para 18).	4,21,282	
Ordinary works (supara 19).	7,95,128	
Bank Restoration works (supara 20).	6,85,000	
		19,01,410
Agricultural Works (see para 22).	5,88,600	
Minor works, Rev Dept.	30,000	
		38,95,000

Capital Account.

The amount proposed for expenditure under this head compares with the sanctioned estimates as shown below:-

Projects	Amount of sanctioned estimate	Outlay to end of 1894-95	Probable outlay during 1895-96	Budget estimate 1896-97					Total outlay	Balance of estimate
				Works	Land	Maintenance	Roofs & Flats	Total		
	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	R	Rs.
Kurnool-Cuddapah Canal -			6150	15,000		3450		18,450		
Munnigera Project	3,68,000	25,535	110,040	1,00,000		23,000		1,23,000	2,58,575	1,09,425
Dondapad do	1,27,193	93,315	1,69,800	3,698	6,302	850		10,850	1,21,145	60,448
Sagiler do	3,61,000	1,40,253	98,400	90,000		20,700		1,10,700	3,49,353	11,647
Thadapalli channel	26,600	3,962	12,900	7,000		1,610		8,610	25,472	11,28
Palar Ancient				10,000		2,300		12,300		
Cheyyar Ancient				3,000		690		3,690		
Lower Coleroon do	2,20,050	9,261	4,30,61	64,000		14,720		78,720	1,31,042	89,008
Maradur do			24,75	5,000		1,150		6,150		
Buckingham Canal	86,14,000	80,67,800	19,58,95	1,18,000		27,140	50,000	1,50,140	83,57,646	26,23,54
Canal from the Madras Harbour to the Buckingham Canal.	9,50,000		50,000	3,63,658	1,37,200	83,642	15,500	6,00,000	6,50,000	3,00,000
Total	-	-	-	7,79,356	14,3502	179,252	20,500	11,22,610		

The amount proposed for the Kurnool-Cuddapah Canal includes Rs 8,300 under works for expenditure on demarcating lands under the canal & for improvements to the

Lampatti channel
for which estimates
were sanctioned in
the orders marginally
noted. The balance
of the amount pro-
vides for excavating a
channel for supplying
Sirvel tank & for im-
provements to irrigation
ditches & for which
estimates are under
preparation & will have
to be sanctioned under
Capital Account of the
Canal under para 36,
Chapter V, Vol II, S.W.D.
Code. The proposed
expenditure on the
Talar Ancient System
will be incurred
on the works remaining
to be completed on the
31st March 1906 under
G.O. No. 304 J., of 2nd April 1905.
The Subg. Engr. in charge,
should see that there

LD No. 1098 J. of 19 Dec 1905
" 766 J. of 20 Sep 1905

is no delay in the sub-
mission of the schedule
of works, report & index
map prescribed in
para 11, Chapter IX,
Vol II, S.W.D. Code.
Of the sum of Rs 5000
provided for the Marath
Ancient System, Rs 4100
are intended for ex-
penditure on an un-
sanctioned work, viz
improving the character
Melakal, for which
an estimate is under
preparation.

14. Rev. Account.

The following state-
ment shows the amount
provided for each
system under this
head. —

Divisions	Systems	Extensions & Improvements	Maintenance & Repairs	Establishment		Tools & Plant	Total
		Rs	Rs	23 percent of repairs	10 percent on direct receipts	Rs	Rs
Kurnool.	Cumbam Tank	500	1500	460			2460
Coimbatore	Thadapalli channel	500	2989	803	8		4300
	Arkenkoti do	500	996	344			1840
	Kalinsaroger do		1998	460	42		2500
	Poincy Ancient	2000	8000	2300	60		12360
North Arcot	Cheyyar do	3000	10,000	2990	20		16,010
	Palar do	4836	21,891	7343	154	-4	39,420
	Palar do	200	5000				
Mingalpet	Chemburambakkam tank	-1475	-97	-362	3	-109	-2040
	Madras Water Supply & Irrigation Extension	-3600	2301	-299	1338	-10	-270
	Nallur Ancient	232	500	168			900
	Tirinkoilur do	2000	7994	2299	57		12,350
	Mekhamattur do	502	1,000	345	3		1850
South Arcot.	Kriddachalam do	504	2,500	691	5		3700
	Shatratope do	1894	10,000	2736	30		14,660
	Pelandorai do	446	2942	779	25	-2	4190
	Lower Coleroon do	2000	16,000	5290	100		28,390
Tanjore	Lower Coleroon do	2000	3000				
Tiruchinopoly	Nundiar channel	3500	606	944			5050
Tinnevely	Maradur Ancient	1000	8004	2071	35		11110
Gangam	Gangam Minor rivers		3000	690			3690
	Chilke Lake		301	69			370
Buckingham Canal	Buckingham Canal	1000	56,000	13,110	11,000	4,000	85,110
Negapatam	Redarnim Canal		3504	806	120		4430
Total.		21,539	1,69,929	44,037	13,000	3875	2,52,380

Thadapalli channel
 Arkenkoti do
 Poincy ancient
 Cheyyar do
 Tirinkoilur do
 Mekhamattur do
 Vriddachalam do
 Shatratope do
 Pelandorai do

If these systems require extensive
 improvements the cost should
 not be met from revenue.

In the case of the
 marginally noted
 systems the amount¹²
 applied for by Supt.
 Super under Extensions
 & improvements &
 maintenance & repairs
 have been reduced
 to what is considered
 ample. In all
 other cases with
 slight modifications
 to round off totals
 the amounts applied
 for have been pro-
 vided. Supt Super
 should continue to
 see that expenditure
 under this head is
 restricted to reason-
 able limits.

18. Old Maintenance
charges. The sum pro-
 vided is Rs 57,110
 more than that fixed,
 in No. 395. I. &

484 I, & 18 July 14th
Sept/90. respectively.

The increase is due
to the Board of Res.
having raised the
old irrigation revenue
from the Cauvery Delta
System from Rs 23,65,000
to Rs 33,17,000 - vide
Publ No. 8 I & 3rd
January 96.

19. Ordinary Works.

The allotments pro-
posed under this
head are compared
below with the current
years grants:-

	1896-97 Rs	1895-96 Rs
Original Works, Major . . .	121,000	117,806
Do. Minors (See Statement A) . . .	176,739	112,687
Repairs (See Statement A) . . .	341,000	369,039
Establishment at 23 per cent on expenditure . . .	145,875	137,709
Do. at 10 per cent on direct revenue . . .	1,000	1,000
Tools & plant at 1½ per cent on expenditure . . .	9,514	8,980
Total	7,95,128	7,47,221

20. Under original
works, major, funds
have been provided
for the following works.

		Amount provided Rs.
Divn Godavari Western.	1. Diversion of Yerracilona con- struction of masonry dam across it & Gundepalli channel . . .	5,000
Kistna Western.	2. Macherla tank . . .	12,000
	3. Spur do . . .	8,000
	4. Jonapad do . . .	5,000
Krllore . . .	5. Idumapalli tank inpts . . .	9,000
	6. Mannangidiuni do . . .	1,700
	7. Mopad do . . .	14,000
	8. Maripad do . . .	5,500
	9. Gundavolu do . . .	5,000
Bellary . . .	10. Rampur channel inpts . . .	12,000
	11. Dasanur do . . .	7,000
	12. Maravapalli Agraharam tank . . .	4,900
	13. Royal chernur old tank . . .	4,000
Kurnool . . .	14. Pedda & Chinnu Mallalammal tank of Ramapuram . . .	1,000
	15. Machaverrappah tank of Indreswera . . .	26,000
	16. Yerragundampolliem tank inpts . . .	2,000
Salem . . .	17. Excavating a new supply channel to Kuma gunda- puram tank . . .	6,000
Chingelput . . .	18. Tirumunshi tank head sluice new supply channel . . .	3,500
	19. Kumeravadi tank inpts . . .	2,800

South Arcot. 20	Cutting a channel from Ponnai river to irrigate lands in Tirukondeshwaram to the villages	2000
Tamiravelli. 21	Puliyur Periyakulam	3000
22	Sivalaperi channel	3000
23	Vadukachimathel tank & channel	2000
Total		12,000

The estimates for items 5, 13, 16 & 17 have not yet been sanctioned.

24. Tank Restoration Works.

The amount of Rs 6,85,000 provided for expenditure on tank restoration works has been distributed as shown below:-

Execution -	Probable balance of sanctioned estimate on 1st April 1906.	Amounts applied for by L.E.s.	Amounts provided
Division	Rs	Rs	Rs
Vizagapatnam	47,677	45,000	45,000
Godavari Eastern	14,128	6,000	6,000
Godavari Western		2,000	4,000
Kistna Northern	53,728	30,000	30,000
Salem	119,300	25,000	50,000
North Arcot	100,175	40,000	50,000
Chingleput	2,31,966	75,000	75,201

South Arcot	85,902	32,000	50,000
Vizagapatnam	89,409	75,000	75,000
Madura	165,442	100,000	100,000
Tamiravelli	124,071	50,000	65,000
Total		550,201	
Establishment		126,526	
Tools & plant.		8,253	

Grand Total Rs 6,85,000

With reference to G.O. No 1079. I of 15 Dec 1905 no provision has been made in the preliminary budget for the establishment employed on tank restoration in recognition as this establishment will be provided in the

budget estimates for "Provincial & Civil works" in future.

22. Agricultural Works. The distribution of the amount

of Rs 588,600 provided for expenditure on agricultural works during next year compares with the current years grants as shown below:-

	1896-97 Rs	1895-96 Rs
Original works, Major . . .	104,500	98,596
Do. Minor . . .	13,900	12,198
Repairs . . .	356,389	298,976
Establishment at 23 per cent on expenditure. . .	104,027	87,347
Do. at 10 per cent on direct receipts . . .	3,000	3,000
Tools & plant at $1\frac{1}{2}$ per cent on expenditure . . .	6,784	5,696
Do. , special . . .	-	540
Total	588,600	506,353

The major original works for which funds have been provided are enumerated in Part I of the budget

Estimates for '43.
Minor works Major.
The distribution of the grants for minor original works & repairs is shown in Statement B. attached to this Note.

23. Minor works, Rev Dept. The budget estimate of Rs 30,000 has been distributed as shown below:-

Reserve -	Rs
Original works . . .	24,096
Establishment . . .	5,542
Tools & plant . . .	362
Total	30,000

Supplrs should make early applications for the funds

required for expenditure on sanctioned works to be executed by P.W.D. officers.

24. Local Migration
Cess Fund. The current year's revised estimate of expenditure exceeds the budget estimate by Rs 25,320, the increase having been sanctioned chiefly for clearing silt from the bed of the Wycondah channel in the Trichinopoly Dist.

As this work is expected to be completed during the current year, the budget estimate for the ensuing year is Rs 25,320 less than the current year's revised

estimate. The budget estimate of Rs 7,800 for next year is distributed as shown below:-

	Original Works. Rs	Repairs Rs	Total Rs
Salem Dist.	3000	2000	5000
Trichinopoly "		2800	2800
			<u>Total 7,800</u>

25. The total grant for works & repairs under all heads & the contribution to "45 Civil Works" on account of establishment & tools & plant charges are as shown below:-

	1896-97 Rs.	1895-96 Rs.
Total grant for works & repairs.	44,49,840	42,03,461
Establishment at 23 per cent on expenditure.	9,69,640	9,31,066
Do. at 10 per cent on direct revenue	35,500	35,300
Do. at 6 per cent on irrigation revenue	625,254	5,78,874
Do. special for tank restoration.	-	57,700
Total Establishment	<u>16,30,394</u>	<u>16,02,880</u>

Tools & Plant at $1\frac{1}{2}$ per cent

on expenditure - 24,913 24,542
 Special for tank restoration scheme .. 913

26. The following 24,913 22,455

statement shows the amounts provided for land compensation under the several heads for each divⁿ:-

for particulars
 * Under "49 Capital Expenditure not charged to Rev^y" vide para II.

36. Protective Works - Irrigation -
 Rushikulya Dr. Rs. 10,000 Rs. 10,000

42. Major Works (Working Expenses) -
 Maintenance of Repairs.
 Godavari Eastern Dr. 2,000 ✓
 Godavari Central 1,000 ✓
 Godavari Western 2,000 ✓
 Krishna Western 500 ✓
 360 ✓
 Trichinopoly Dr. 5860

43. Minor Works Major -
 Capital Account.
 Dondapad Project Krishna Northern Dr. 6,302 ✓
 Coorn Supto Scheme Buckingham Canal Dr. 137,200 143,502
 Minor Works for which written Capital not Rev^y. Accts are kept, S.W.D.

Ordinary Works -
 Original Works - Godavari Eastern Dr. 1,500 ✓
 Krishna Northern 3,000 4,500

Agricultural Works.
 Original Works -
 Godavari Central Dr. 2,000 ✓
 Godavari Western 20,000 ✓
 Krishna Western 500 22,500
 Total 186,362

Wk
 4/11

A Statement showing the proposed grants for minor original works under Rs 2500 each and Repairs for 1896-97 under minor works for which neither Capital nor Revenue Accounts are kept, P.W.D.

	Irrigation revenue for 1894-95	Grant for 1896-97 Minor original works	Repairs
Gaujam	74,218	7,000	17,000
Vizagapatam	61,053	16,000	17,000
Godavari Eastern	47,321	3,000	15,000
Western		2,000	4,000
Krishna Northern	18,400	1,000	2,000
Eastern			6,000
Kellore	92,634	10,000	25,000
Cuddapah	84,455	5,000	25,000
Kurnool	29,229	3,000	10,000
Bellary	30,736	5,000	30,000
West Coast			2,000
Coimbatore	44,038	6,000	12,000
Salem	58,146	4,000	12,000
North Arcot	76,557	10,000	25,000
Chingleput	26,071	10,000	35,000
South Arcot	93,874	10,000	35,000
Tanjore	18,975	1,000	2,000
Trichinopoly	122,946	15,000	25,000
Madura	99,422	9,000	12,000
Tinnevely	65,338	10,000	30,000

Total 1,27,000 341,000

Reserve 49,739

Total 1,76,739 3,41,000

Wk
 29/11

Pinedra - Buckingham
 Chief Eng^r for Irrigation

B. Statement showing the grants for minor original works below Rs 2500 each and repairs under Agricultural works for 1896-97.

18

	minor original works	Repairs
	Rs	Rs
Ganjam	2000	3000
Vizagapatam	500	3800
Godavari Eastern	.	30000
Central	1000	65000
Western	.	16000
Mistna Northern	.	1300
Eastern	.	9000
Western	.	100000
Kellose	1000	7000
Buckingham canal	.	7000
Chaddapah	.	4000
Coimbatore	3500	6500
Salem	.	589
North Arcot	.	1000
Chingleput	500	1000
South Arcot	400	8700
Tanjore	2000	45000
Nagapatam	.	20000
Trichinopoly	2000	25000
Tinnevely	.	1500
Rashtakulya	1000	1000
Total	13900	356389

Ruedrak. Bhuchana Colr
 Chief Engineer for Irrigation

12/11