M.R.O. 1—5,006—16-10-50.

(1) Number of pages 68

(2) Date of repair 15.12.1965

(3) Initials of the Referencer

MADRAS RECORD OFFICE

Government of Madras

Revenue DEPARTMENT

G.O. No.	88	Press
B.P. No.		Mis.
Dated	17. 2. 1873	195 .

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 10th February 1873.

Read the following papers :—

No. 199. From the Superintending Engineer, 1st Division.
(Here enter No. 2,320, dated 25th September 1872.)

No. 200. From do. do. do. do.
(Here enter No. 2,492, dated 9th October 1872.)

No. 201. From do. do. 2nd do.
(Here enter No. 95, dated 24th September 1872.)

No. 202. From do. do. do. do.
(Here enter No. 99, dated 30th September 1872.)

No. 203. From do. do. 3rd do.
(Here enter No. ——, dated 25th October 1872.)

No. 204. From do. do. 4th do.
(Here enter No. 2,827, dated 1st October 1872.)

No. 205. From do. do. 5th do.
(Here enter No. 136, dated 2nd October 1872.)

No. 206. From do. do. do. do.
(Here enter No. ——, dated 20th October 1872.)

No. 207. From do. do. do. do.
(Here enter No. 152, dated 17th October 1872.)

No. 208. From do. do. do. do.
(Here enter No. ——, dated 2nd October 1872.)

No. 209. From do. do. 6th do.
(Here enter No. 617, dated 4th November 1872.)

No. 210. From do. do. 7th do.
(Here enter No. ——, dated 28th September 1872.)

No. 211. From do. do. 8th do.
(Here enter No. 3,070, dated 5th October 1872.)

No. 212. From the Special Executive Engineer, Wynaad.
(Here enter No. ——, dated 14th October 1872.)

No. 213. From the Collector of South Arcot.
(Here enter No. 46, dated 8th October 1872.)

No. 214. From do. of Salem.
(Here enter No. 255, dated 5th October 1872.)

No. 215. From the Controller of Public Works Accounts, Madras.
(Here enter No. 2,051-A., dated 30th November 1872.)

No. 216. From the District Engineer, Presidency.
(Here enter No. 2,682, dated 20th December 1872.)

No. 217. From the District Engineer, Presidency
(Here enter No. 2,634 dated 19th December 1872.)

No. 218. From do. do.
(Here enter No. 2,68 lated 20th December 1872.)

No. 219. From the Officiating Pre Municipal Commission, Madras.
(Here enter No. 199, da 16th October 1872.)

No. 220. Proceedings, Madras Government, Military Department.
(Here enter No. 3,576, dated 11th November 1872.)

No. 221. ORDER THEREON, 10th February 1873, No. 437.

ACCOUNT, No. 27.

IN their Circular of the 31st December 1872, No. 935-49-A-G, the Government of India make the following assignments to this Presidency for the year 1873-74 on account of Imperial Public Works:—

G. O., No. 2,817, of 2nd December 1872.

		RS.
Military		6,00,000
Agricultural ...	Ordinary	23,25,000
	Extraordinary	15,00,000
Civil Buildings...	Postal	16,000
	Telegraph	60,000
	Establishment Charges	24,000
Civil Engineering College		40,000
Upper Godavery Navigation Works		30,000

2. The grants under Military and Agricultural (Ordinary and Extraordinary) are to cover the proportion of charges on account of Establishment and Tools and Plant, and the Agricultural assignment includes the necessary provision for State outlay in connection with the Madras Irrigation and Canal Company.

3. The following statement exhibits the distribution of the grants under the various heads of service, inclusive of State expenditure on Guaranteed Railways:—

Main Heads of Service.	Minor Heads.	Works not commenced.		Incomplete Works.		Total of two previous Columns.		Reserve.	Grand Total.
		Number.	Amount allotted.	Number.	Amount allotted.	Number.	Amount allotted.		
			RS.		RS.		RS.	RS.	RS.
New Works	Military	4	34,920	11	1,31,080	15	1,66,000	*18,000	1,84,000
	Civil Buildings (Postal and Telegraph Buildings) ...	...	.....	2	55,000	2	55,000	11,950	66,950
	Agricultural, Ordinary ...	...	.....	12	2,15,940	12	2,15,940	1,37,060	3,53,000
	Do. Extraordinary	7	2,45,000	10	6,61,300	17	9,06,300	.....	9,06,300
	Total...	11	2,79,920	35	10,63,320	46	13,43,240	1,67,010	15,10,250
Repairs	Military	...	.....	...	.....	...	.....	.....	2,50,000
	Civil Buildings (Postal and Telegraph Buildings) ...	...	.....	...	.....	...	.....	...	2,850
	Agricultural, Ordinary ...	...	.....	...	.....	..	.....	..	13,60,000
	Total...	...	.....	...	.....	...	.....	.....	16,12,850
Establishments exclusive of proportion chargeable to Provincial and Local Funds ...	.....	...	.....	...	.....	...	.....	.....	9,85,000
Tools and Plant do. do. ...	.....	...	.....	...	.....	...	.....	.....	2,07,200
Madras Irrigation and Canal Company, State outlay ...	.....	...	.....	...	.....	...	.....	.....	14,000
Railways	.....	...	.....	...	.....	...	.....	.....	5,37,150
Godavery Navigation Works ...	.....	...	.....	...	.....	...	.....	.....	30,000
Civil Engineering College ...	.....	...	.....	...	.....	...	.....	.....	40,000
	Total...	...	.....	...	.....	...	.....	.....	18,13,350

* At the disposal of District Engineers for Minor New Works.

4. The grant for Repairs under Military will be Rupees 2,50,000, which is the amount allowed for the current year. The Government will await the report of the Inspecting Engineer for Buildings on the suggestion made in G. O., No. 392, dated 5th February 1873 in regard to the mode of appropriating the assignment under Repairs. The proportion of charges on account of Establishment and Tools and Plant absorbs 1,66,000 Rupees, leaving for New Works only Rupees 1,84,000. In letter dated 16th December 1872, No. 2,977, this Government strongly urged on the attention of the Government of India the inadequacy of the Military grant to meet even the actual immediate requirements of this Presidency, and requested that it might be supplemented at least to the extent of fifty per cent. In the confident hope that this application will prove successful, His Excellency in Council has not, as usual, set apart a certain portion of the grant as a reserve. When additional funds are allotted he will be prepared to take into consideration the demands which have been made for the prosecution of works other than those for which it has been possible to provide from the limited amount at disposal.

5. Under Civil Buildings (Postal and Telegraph) the specific works which are to be undertaken have been selected by the Government of India; but, since the receipt of the orders of that Government, dated 31st October 1872, No. 951-A-G, the Director-General of Post Offices has determined on postponing the erection of a Post Office at Kotergherry. The Postmaster-General has been requested to report to what other work he would propose to appropriate the grant of Rupees 3,500 for that office; meanwhile the amount has been added to the reserve. It has not been possible to adhere to the grants for Minor Works and Repairs as fixed by the Government of India, inasmuch as the assignment for Civil Buildings must bear its proportion of charges on account of Tools and Plant. An application will be made for a grant of Rupees 50,000 for the Madras Post Office.

6. The Government of India have allotted a sum of Rupees 30,000 for the maintenance and establishment of the Upper Godavery Navigation Works; but, as no answers have yet been received to the references made to them on the subject in the letters marginally noted, the distribution of the amount cannot at present be made. The Government of India have been informed accordingly in letter, No. 2,849, of 4th December 1872.

27th July 1872, No. 1,792-B.
9th Aug. ,, ,, 1,893-R.
4th Dec. ,, ,, 2,849.

7. The Government of India require the submission of a separate Irrigation Budget in the forms circulated with their Resolution, No. 64, of 25th October 1871. A distinct Budget has been prepared, but the forms prescribed have been followed only as far as it has been possible to do so. The difficulty of adopting those forms in their entirety has already been explained in the letter submitting the Budget for 1872-73, and it is necessary to add that though this Government have initiated measures for opening Capital and Revenue Accounts, etc., the exhibition of expenditure under those heads in the detailed manner which the forms require cannot at present be carried out. Meanwhile, the Government of India will be requested to accept the Budget Estimate in its present form.

8. The grant made by the Government of India for Agricultural Works, Extraordinary, is Rupees 15 lakhs; but this Government do not propose to avail themselves of more than Rupees 12,56,300 of that grant.

9. Under Agricultural, Ordinary, the grant for Repairs has been fixed at Rupees 13,60,000, which is the amount allowed* this year and has been adopted as the yearly assignment required for the repair of Agricultural works on the recommendation of the Public Works Commission. His Excellency the Governor in Council resolves to call the particular attention of District Engineers to G. O., No. 2,972, of 16th December 1872. The Government will rely on their taking active measures for systematizing and regulating the work of Agricultural Repairs and Improvements to ensure advantageous expenditure of available grants. As already decided on, the amount at the disposal of District Engineers on the 1st April next will be those fixed by Government Order above quoted, and the remainder of the grant being at the disposal of the Chief Engineer for Irrigation, His Excellency in Council hopes that by a judicious distribution of the balance of the assignment in the manner suggested in the Orders in question the profitable utilization of the entire grant will be ensured.

* G. O., No. 1,671, of 11th July 1872.

10. The following allotments are authorized under Military and Agricultural to meet demands on account of Minor Works:—

Districts.	Military.	Agricultural.	Total.
	RS.	RS.	RS.
Ganjam	.....	1,000	1,000
Vizagapatam	300	500	800
Godavery	300	6,000	6,300
Kistna	.....	5,000	5,000
Nellore	.....	5,000	5,000
Cuddapah	.....	4,000	4,000
Kurnool	400	2,000	2,400
Bellary	3,000	4,000	7,000
Presidency	3,000	.....	3,000
Chingleput	1,500	5,000	6,500
North Arcot	300	6,000	6,300
South Arcot	.....	6,000	6,000
Salem	200	2,000	2,200
Bangalore	3,000	.....	3,000
Tanjore	.....	10,000	10,000
Trichinopoly	1,700	3,000	4,700
Coimbatore	500	2,500	3,000
Neilgherries	1,000	.....	1,000
Malabar	2,000	500	2,500
South Canara	300	.....	300
Madura	.....	3,000	3,000
Tinnevelly	500	7,500	8,000
Total...	18,000	73,000	91,000

11. The Reserve balances at the disposal of Government will be as follow:—

		RS.
Agricultural		64,060
Civil Buildings	Postal	9,950
	Telegraph	2,000

12. The distribution of the Imperial grants under Repairs will be as follows:—

Districts.	Military.	Civil Buildings, Postal and Telegraph Departments.	Agricultural.
	RS.	RS.	RS.
Ganjam	820	150	30,000
Vizagapatam	8,900	150	17,500
Godavery	.....	50	1,73,500
Kistna	700	100	83,000
Nellore	.....	100	80,000
Cuddapah	.....	150	65,000
Kurnool	.....	150	25,000
Bellary	25,000	150	51,500
Presidency	76,147	100	3,000
Chingleput	30,350	50	1,10,000
North Arcot	5,610	100	1,35,000
South Arcot	.....	.....	1,15,000
Salem	2,850	150	53,000
Bangalore	52,405	300	.....
Tanjore	.....	150	1,55,000
Trichinopoly	13,618	.....	81,000
Coimbatore	400	150	60,000
Neilgherries	9,200	150	.....
Malabar	20,000	150	1,100
Wynaad	.....	150	.....
South Canara	1,300	100	.....
Madura	.....	150	50,000
Tinnevelly	2,700	150	71,400
Total...	2,50,000	2,850	13,60,000

13. It having been decided in G.O., No. 1,402, dated 11th October 1872, Financial Department, that the Cochin Harbour Improvements shall be viewed as an Imperial undertaking, the Government of India will be requested to make a special assignment of one lakh for the ensuing Official year.

14. The Controller's estimate of Establishments amounts to Rupees 21,56,300. Deducting Rupees 2,75,000 to be contributed from the extraordinary grant and Rupees 40,000 allotted by the Government of India for the Civil Engineering College, provision has to be made for Rupees 18,41,300 from the grants for other services, and on the principle of a rateable contribution the charges will be distributed as follows:—

	RS.
Military	1,30,000
Agricultural (Ordinary)	5,12,000
Civil Buildings	24,000
Provincial	2,04,000
Local and Special	9,27,300

making a total of Rupees 17,97,300 and leaving Rupees 44,000 to be provided from the increased assignments applied for.

15. The estimate for Tools and
follows:—

London supplies ...	
Stores to be purchased an
be incurred in India.	

16. The amount contributed un
each head of service is given below,
Rupees 4,000 short provided, will be

Military...	
Civil Buildings	
Agricultural, ordinary... ..	
Do. Extra Ordinary	

17. The distribution of the
Indian charges for stores is as follo

mounts to Rupees 2,07,200, as

	RS.
.. {Ordinary ...	82,200
{Extra ordinary.	50,000
o {Ordinary ...	50,000
{Extra ordinary.	25,000

and Plant" from the grants under
er "Establishment," the sum of
he extra assignment applied for:—

	RS.
... ...	36,000
... ...	6,200
... ...	86,000
... ...	75,000
Total...	2,03,200

es 50,000 on account of Ordinary

Districts or Departments.	Supplies.								Repairs and carriage from place to place.	Grand Total.
	Surveying and Mathematical Instruments.	Machinery.	Plant.	Tools.	Office Furniture.	Camp Equipage.	Live Stock.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Ganjam	.....	.....	.....	500	.....	.....	.....	500	60	560
Vizagapatam	.....	.....	.....	200	.....	.....	.....	200	60	260
Godavery	.....	.....	.....	1,000	.....	.....	.....	1,000	60	1,060
Kistna	.....	.....	.....	500	.....	.....	.....	500	250	750
Nellore	.....	.....	.....	100	.....	.....	.....	100	125	225
Cuddapah										
Kurnool										
[illegible]										
[illegible]arcot										
[illegible]em										
Bangalore										
Tanjore										
Trichinopoly										
Coimbatore										
Neilgherries	.....	.....	.....	250	.....	.....	.....	250	75	325
Malabar	.....	.....	100	150	.....	.....	.....	250	125	375
Wynaad	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Canara	.....	.....	600	100	80	.....	.....	780	160	940
Madura	.....	.....	.....	240	100	.....	.....	340	150	490
Tinnevelly	.....	.....	100	250	45	.....	.....	395	160	555
At the disposal of Government ...	.....	.....	.....	.....	.....	.....	.....	.....	20,000	20,000
Total...	.....	.....	800	5,320	375	550	225	7,270	22,730	30,000
General Superintendent of the Public Works Store Department	5,000	.....	.....	3,000	50	.....	.....	8,050	11,950	20,000
Grand Total...	5,000	.....	800	8,320	425	550	225	15,320	34,680	50,000

18. The State expenditure on [illegible] connection with the Madras Irrigation and Canal Company is

	Land.	For Establishment.	Total.
	Rs.	Rs.	Rs.
Railway Company	7,400	89,750	5,87,150
Madras Irrigation and Canal Company	8,000	6,000	14,000
	4,55,400	95,750	5,51,150

19. The funds that will be at [illegible]posal of Public Works Officers for [illegible] expenditure after 1st April next are below :—

Districts.	Original Works, Major	Repairs.	Tools and Plant.	Total.
	Rs.	Rs.	Rs.	Rs.
Ganjam	50,000	0	560	82,530
Vizagapatam	7,400	550	260	35,010
Godavery	4,41,800	550	1,060	6,22,710
Kistna	1,54,000	100	750	2,42,850
Nellore	70,000	800	225	1,56,025
Cuddapah	.....	35,150	250	69,400
Kurnool	.....	25,150	250	27,800
Bellary	15,900	76,650	275	99,885
Presidency	85,550	79,247	165	1,67,962
Chingleput	1,66,250	0,400	275	3,18,425
North Arcot	.....	40,710	160	1,47,170
South Arcot	78,04	1,15,000	260	1,99,300
Salem	8,600	56,000	225	67,025
Bangalore	54,000	52,705	280	1,09,985
Tanjore	56,800	1,55,150	600	2,22,550
Trichinopoly	6,760	94,618	360	1,06,438
Coimbatore	20,000	60,550	1,360	84,910
Neilgherries	9,000	9,350	325	19,675
Malabar	2,000	21,250	375	26,125
Wynaad	.....	150	.....	150
South Canara	1,080	.....	940	3,720
Madura	50,000	1,400	490	1,03,640
Tinnevelly	66,000	50,150	555	1,48,805
General Superintendent of the Public Works Store Department	.....	.....	20,000	20,000
Total...	13,43,240	12,850	30,000	30,77,090

To the Chief Engineer for Irrigation
To Inspecting Engineers.
" Major R. B. Kennedy.
To the Controller of Public Works Accounts.
" Consulting Engineer for Railways.
" Examiner of Railway Accounts.
" Public, etc., Departments.
" Revenue Department,
" Military "
" Board of Revenue.
" Accountant-General.
" Director of Public Instruction.
Ext. A. S. Rodgers.

Colonel, R. E.,
Secretary to Government.

Revenue Dept
Nº. 457.

Govt. of 1873 Madras.

PUBLIC WORKS.

THE CHIEF ENGINEER FOR

IRRIGATION,

&c., &c., &c.

dated February 10th.

Encl. 4 17c. Encl.

G. O. 10th February 1873, No. 437.

FEBRUARY.

Nos. 199 221

Orders on the Imperial Public Works
Budget for 1873-74. Nº. 5

LODGED

17th July/73.

GOVERNMENT OF MADRAS.

BUDGET ESTIMATE

OF THE

IRRIGATION DEPARTMENT

FOR THE YEAR

1873-74.

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GOVERNMENT OF MADRAS.

BUDGET ESTIMATE OF THE IRRIGATION DEPARTMENT FOR 1873

PART I.

Abstract of the Estimated charges for Irrigation Works for the year 1873 to 31st March 1874, including Ordinary and Extraordinary

Service	Estimate. Page.		
CAPITAL.			
Extraordinary.			
Works	6 & 7	9,06,300	8,77,000
Establishment	11	2,75,000	2,01,800
Tools and Plant	...	75,000	21,200
A.—EXTRAORDINARY, TOTAL...	...	...	...
Ordi		7,000	4,15,200
Works		12,000	5,10,800
Establishment		86,000	23,000
Tools and Pl			
B.—		..	...
Total Capital Ordinary ...	...	...	... 22,21,300 20,49,000
Rev			
Repairs and Maintenance of Works.	10	60,000	13,60,000
C ... NUE, TOTAL...	...	...	... 13,60,000 13,60,000
Total Ordinary...	...	...	... 23,25,000 23,09,000
Grand Total, Ordinary and Extraordinary	...	...	... 35,81,300 34,09,000

GOVERNMENT OF MADRAS.

BUDGET-ESTIMATE OF THE IRRIGATION DEPARTMENT FOR 1873-74.

PART II.

Distribution of Extraordinary and Ordinary grants for 1873-74 by Canals and objects of Work.

Works.	Works.	Repairs.	Establishment.	Tools and Plant.	Total.	Grant, 1872-73.
CAPITAL.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Extraordinary.						
Rooshkoolia Project ...	50,000	.....	.....	.....	.....	.....
Godavery Delta Works...	4,25,000	.....	.....	.....	.....	.....
Kistna do. ...	1,13,000	.....	.....	.....	.....	.....
Pennair do. ...	70,000	.....	.....	.....	.....	.....
Palandorai Project ...	75,000	.....	.....	.....	.....	.....
Cauvery Works	61,300	.....	.....	.....	.....	.....
Perryaur Project ...	50,000	.....	.....	.....	.....	.....
Streevyguntum Project ...	62,000	.....	.....	.....	.....	.....
Total...	9,06,300	.....	2,75,000	75,000	12,56,300	11,00,000
Ordinary.						
Madras Water Supply Project	77,000	.....	.....	.....	.....	.....
Chembrumbakum Tank Project	50,000	.....	.....	.....	.....	.....
State outlay on Guaranteed Irrigation Works ...	14,000	.....	.....	.....	.....	.....
Minor Works	88,940	.....	.....	.....	.....	.....
Reserve	1,37,060	.....	.....	.....	.....	.....
Total...	3,67,000	13,60,000	5,12,000	86,000	23,25,000	23,09,000

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1873.	Estimate, 1873-74.	No.	Remarks or References.
			Agricultural.	Rs.	Rs.	Rs.		
			Extraordinary.					
Ganjam	1	.....	Rooshkoolia Project	...	...	50,000	1	Estimate under consideration by Chief Engineer for Irrigation. Item No. 20 of Budget of 1872-73.
Godavery ...	2	Western Delta ...	Extension of Irrigation	13,04,640	3,50,000	1,50,000	2	Sanctioned by the Government of India. Register No. 49-I. of 1871-72. G. O., No. 2,925 of 1871. Item No. 21 of do.
Do. ...	3	Eastern Delta ...	Do. do.	10,80,800	3,72,530	2,00,000	3	Do. do. Register No. 21-I of 1871-72. G. O., No. 1,523 of 1871. Item No. 22 of do.
Do. ...	4	Central Delta ...	Do. do.	...	...	50,000	4	Estimate awaited.
Do. ...	5	.....	Unnomoolunka Project	...	...	25,000	5	Do.
Kistna ...	6	Poollairoo ...	Enlargement, extension, and improvement of the channels in the Masulipatam Section of the Kistna Delta	1,87,990	1,64,990	23,000	6	Sanctioned by the Government of India. Register No. 7-A. I. of 1868-69. G. O., Nos. 3,215 of 1868, 80 of 1870 and 2,308 of 1872. Item No. 23 of Budget of 1872-73.
Do. ...	7	Bezwada ...	Widening the head of the Masulipatam Canal for 1,000 yards from the anicut to the head of the Ellore branch	1,13,530	57,614	30,000	7	Sanctioned by the Government of India Register No. 10-I of 1871-72. G. O., No. 1,389 of 1871. Item No. 24 of do. do.
Do. ...	8	Seetanagaram ...	Sloping down the banks of the Main Canal from the southern flank of the anicut and enlarging the head of the Main Canal from Seetanagram to Doogeralla	2,76,400	2,44,369	30,000	8	Sanctioned by the Government of India. Register No. 7-A. I. of 1868-69. G. O., No. 3,215 of 1868. Item No. 25 of do. do.
Do. ...	9	Ryves' Channal...	Enlargement and improvement of Ryves' Channel and its branches and construction of the necessary masonry works	4,14,193	1,93,556	30,000	9	Sanctioned by the Government of India. Register No. 7-A. I. of 1868-69. G. O., Nos. 3,215 of 1868 and 80 of 1870. Item No. 26 of do. do.
Nellore ...	10	Nellore and Survapully.	Improvements to the Survapully channel in connection with the Pennair anicut	4,20,060	3,70,000	50,000	10	Sanctioned by the Government of India. Register No. 7-A of 1868-69. G. O., Nos. 3,215 of 1868, 12 and 972 of 1869. Item No. 28 of do. do.
Do. ...	11	.....	Sungam Project—Improvements to the Irrigation channels of Northern Delta of Pennair ...	25,83,800	...	20,000	11	Estimate submitted to the Government of India. Further information called for—*vide* G. O., No. 1,511, dated 19th June 1872. Item No. 29 of Budget of 1872-73.
South Arcot ...	12	Palandorai ...	Anicut across the Vellaur or the Palandorai Project	2,00,555	1,25,555	75,000	12	Sanctioned by the Government of India. Register No. 21-E. of 1869-70. G. O., Nos. 691 of 1870 and 171 of 1872. Item No. 30 of do.
Tanjore ...	13	Tanjore, Combaconum and Nannilam.	Regulators for the principal branches of the Vennaur river	1,97,240	1,85,961	11,300	13	Sanctioned by the Government of India. Register Nos. 12-I. and 5-E. of 1870-71. G. O., No. 2,072 of 1870. Item No. 32 of Budget of 1872-73.
Do. ...	14	Tanjore ...	Cauvery and Vennaur head works	5,20,260	...	30,000	14	Estimate submitted to the Government of India. Further information called for. Item No. 33 do.
Coimbatore ...	15	.....	Nerinjeepett Project	...	...	20,000	15	Estimate under examination by the Chief Engineer for Irrigation.
Madura ...	16	.....	Perryaur Project	...	...	50,000	16	Do. Item No. 34 of Budget of 1872-73.
Tinnevelly ...	17	Puttugudi ...	Streeviguntum Anicut Project	8,31,600	8,08,622	62,000	17	Sanctioned by the Government of India. Register No. 17-I. of 1868-69. G. O., Nos. 844 of 1869 and 1,520 of 1872. Item No. 35 of Budget of 1872-73. Revised estimate awaited.
			Total, *Extraordinary*...	...	...	9,06,300		

DETAIL OF ESTIMATE FOR ORIGINAL

Executive Division.	Project. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1873	Estimate 1873-74.	No.	Remarks or References.
			ORDINARY.					
Godavery ...	18	.....	River embankment on the western bank of Godavery between Vizeasweram and Polaveram ...	80,000	10,000	10,000	18	G. O., No. 173 of 1872.
Do. ...	19	.....	Masonry works on the road from Rajahmundry to Rahitapooram	47,330	3,000	6,800	19	G. O., No. 2,133 of 1872.
Kistna ...	20	Budam ...	Channel for the better supply of Budam and Alloor lands	46,420	31,420	15,000	20	G. O., No. 2,598 of 1870.
Do. ...	21	.....	Bridge across the Ellore High level channel near Perikeed	8,180	8,000	9,000	21	G. O., No. 296 of 1,866 Revised Estimate awaited.
Chingleput ...	22	Red Hills ...	Madras Water-supply Project	12,25,558	11,48,200	77,000	22	Original estimate for Rupees 6,11,759 sanctioned by the Government of India Register No. 7 A, I, of 1868-69, G. O, No. 3,215 of 1868, Revised estimate for Rupees 12,25,558 submitted to the Government of India.—*vide* also G. O, No, 240 dated 25th January 1872. Item No. 36 of Budget of 1872-73.
Tanjore ...	23	.....	Cutting a new channel from the Cauvery north bank for the Irrigation of Ponavassel, etc., Villages	19,500	4,000	15,500	23	G. O., No. 2,881 of 1872.
			Thamariaur Anicut	8,804	4,402	4,000	24	G. O., No. 2,780 of 1872.
Tinnevelly ...	24	.....	Restoring the Pedducuncherla Tank	23,730	14,788	9,000	25	G. O., No. 3,008 of 1870.
Kistna ...	25	Peddacuncherla ..	Chembrumbaukam Tank Project	4,14,000	3,18,195	50,000	26	Government of India Register No. 8 I of 1867-68 G. O, No. 3,808 of 1867 and 705 of 1871—Item No. 37 of Budget of 1872-73
Chingleput ...	26	Chembrumbaukam		3,050	10	3,040	27	G. O., No. 144 of 1872.
			Bund across Bahoor tank between the French and English villages	8,670	3,659	8,600	28	G. O., No. 3,587 of 1863 Revised Estimate under consider ation.
South Arcot ...	27	.....	Valamadevy Tank...	21,360	13,360	8,000	29	G. O., No. 1,928 of 1869.
Salem ...	28	... ..		...	...	2,15,940		
Kistna ...	29	Masulipatam ...	Drainage channel from Sevagunga sluice to the Tidal creek					
			Total *Ordinary*...					

WORKS FOR 1873-74.

(Signed) G. W. WALKER, Colonel, R.E.,

Secretary to Government.

GOVERNMENT OF MADRAS.

BUDGET-ESTIMATE OF THE IRRIGATION DEPARTMENT,

PART IV.

Detail of Estimate for Repairs for 1873-74.

	Estimate, 1873-74.		Estimate, 1872-73.	
	Amount.	Total.	Amount.	Total.
AGRICULTURAL.	Rs.	Rs.	Rs.	Rs.
Ganjam— ... Repairs to Irrigation Channels, Tanks, Dykes and Drainages ...	30,000		30,000	
Vizagapatam— ... Do. do. ...	17,500		17,500	
Godavery— ... Do. do. ...	1,73,500		1,73,500	
Kistna— ... Do. do. ...	83,000		83,000	
Nellore— ... Do. do. ...	80,000		80,000	
Cuddapah— ... Do. do. ...	65,000		65,000	
Kurnool— ... Do. do. ...	25,000		25,000	
Bellary— ... Do. do. ...	51,500		51,500	
Presidency— ... Do. do. ...	3,000		3,000	
Chingleput— ... Do. do. ...	1,10,000		1,10,000	
North Arcot— ... Do. do. ...	1,35,000		1,35,000	
South Arcot— ... Do. do. ...	1,15,000		1,15,000	
Salem— ... Do. do. ...	53,000		53,000	
Tanjore— ... Do. do. ...	1,55,000		1,55,000	
Trichinopoly— ... Do. do. ...	81,000		81,000	
Coimbatore— ... Do. do. ...	60,000		60,000	
Malabar— ... Do. do. ...	1,100		1,100	
Madura— ... Do. do. ...	50,000		50,000	
Tinnevelly— ... Do. do. ...	71,400		71,400	
Total, AGRICULTURAL...	...	13,60,000	...	13,60,000

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

GOVERNMENT OF MADRAS.

BUDGET-ESTIMATE OF THE IRRIGATION DEPARTMENT FOR 1873-74.

PART V.

Budget-Estimate of Establishment for the Irrrigation Department—1873-74.

Number.			Rate of Salary.	1873-74.			1872-73.
1872-73.	1873-74.			Per Mensem.	Per Annum.	Total.	
		Extraordinary.	Rs.	Rs.	Rs.	Rs.	Rs.
1	1	Chief Engineer, 2nd Class, and Joint-Secretary to Government in the Irrigation Department ...	2,000	2,000	24,000	...	24,000
		Pay proper	243½	243½	2,922	...	1,680
5	5	Clerks from 20 to 150 Rs. each	300	300	...	...	
3	3	Draughtmen and Estimators, 40, 50 and 75 each.	165	165	...	...	
5	5	Office Servants	35	35	...	...	
14	14			500	6,000	...	6,000
		Survey Establishments ...	...	...	35,000	...	33,835
		Proportionate charges on account of General Establishments	...	...	2,07,078	...	1,36,285
				...		2,75,000	2,01,800
		Ordinary.					
		Proportionate charges on account of General Establishments	...	...	5,12,000	...	5,10,800

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

Rev. 457/73 2

GOVERNMENT OF MADRAS.

Estimate of the probable Receipts of Irrigation Revenue that will be realized in the Public Works Department during the year 1873-74.

Items of Irrigation Revenue.	Estimate, 1873-74.		Estimate, 1872-73.	
	Amount.	Total.	Amount.	Total.
	Rs.	Rs.	Rs.	Rs.
Receipts from Navigation	47,300		47,300	
Sales of Canal produce	2,700		2,700	
		50,000		50,000
Grand Total...		50,000		50,000

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PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET ESTIMATE

FOR

MILITARY AND CIVIL WORKS,

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1873-74.

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IMPERIAL BUDGET ESTIMATE OF THE PUBLIC WORKS DEPARTMENT FOR 1873-74.

GOVERNMENT OF MADRAS.

IMPERIAL BUDGET-ESTIMATE OF THE PUBLIC WORKS DEPARTMENT FOR 1873-74.

Part I.—Section A.

ABSTRACT OF THE ESTIMATED CHARGES FOR PUBLIC WORKS FOR THE YEAR FROM 1st APRIL 1873 to 31st MARCH 1874.

—	Reference to detailed Estimate.	Estimate, 1873-74.	Estimate, 1872-73.	Total. 1873-74.	Total. 1872-73.
Original Works.	Page.	Rs.	Rs.	Rs.	Rs.
Military	4	1,84,000	2,50,000		
Civil Buildings	4	66,950	65,500		
				2,50,950	3,15,500
Repairs.					
Military	6	2,50,000	2,50,000		
Civil Buildings	8	2,850	4,500		
				2,52,850	2,54,500
Proportionate charges on account of General Establishment	.....	1,54,000	1,68,000		
				1,54,000	1,68,000
Tools and Plant.		42,200	12,000		
				42,200	12,000
State Outlay on Railways.					
Guaranteed Railways	.....	5,37,150	3,43,000	5,37,150	3,43,000
Grand Total...				12,37,150	10,93,000
Increase...				1,44,150	

GOVERNMENT OF MADRAS.

IMPERIAL BUDGET-ESTIMATE OF THE PUBLIC WORKS DEPARTMENT FOR 1873-74.

Part I.—Section B.

ABSTRACT OF THE ESTIMATED CHARGES FOR PUBLIC WORKS FOR THE YEAR FROM 1st APRIL 1873 to 31st MARCH 1874.

—	Reference to detailed Estimate.	Estimate, 1873-74.	Estimate, 1872-73.	Total. 1873-74.	Total. 1872-73.
Public Works.	Page.	Rs.	Rs.	Rs.	Rs.
Military.					
Original Works	4	1,84,000	2,50,000		
Repairs	6	2,50,000	2,50,000		
				4,34,000	5,00,000
Other Services.					
Civil Buildings ... Original Works	4	66,950	65,500		
Civil Buildings ... Repairs	8	2,850	4,500		
Establishment	10	1,54,000	1,68,000		
Tools and Plant	.....	42,200	12,000		
				2,66,000	2,50,000
Total Public Works...	.....	.....	.....	7,00,000	7,50,000
Railways.					
Outlay on Guaranteed Railways	.....	5,37,150	3,43,000	5,37,150	3,43,000
Total...				12,37,150	10,93,000
Net Increase in 1873-74...				1,44,150	

II—(Concluded.)

DETAIL OF ESTIMATE FOR ORIGINAL WORKS FOR 1873-74.

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1873.	Estimate, 1873-74.	No.	Remarks or References.
				Rs.	Rs.	Rs.		
			MILITARY.					
Vizagapatam	1	Vizagapatam	New Native Infantry Hospital	24,410	17,000	7,400	1	G. O., No. 1,937 of 1872. Item No. 1 of Budget of 1872-73.
Presidency	2	Fort St. George ...	Gas Works	27,962	11,205	8,900	2	G. O., No. 2,113 of 1872.
Chingleput	3	St. Thomas' Mount ...	Barracks, etc., for two Field Batteries in the Horse Artillery Lines...	2,37,885	2,06,593	31,000	3	Government of India Register, No. 96-B.-M., of 1871-72. G. O., No. 934 of 1872. Item No. 2 of Budget of 1872-73.
Do.	4	Poonamallee	Improvements to Barracks, Hospital, and other auxiliary buildings	10,880	8,160	2,720	4	G. O., No. 1,470 of 1871. Item No. 4 of do. do.
Bangalore	5	Bangalore ...	Drinking Water Scheme from the Ulsoor Tank and Dhobies' Wells	2,97,378	2,62,900	34,000	5	Government of India Register, No. 3-B.-M., of 1872-73. G. O., Nos. 1,132 and 2,338 of 1872. Item No. 5 of do.
Do.	6	Do.	Renewal of the Bakery	24,150	4,150	20,000	6	G. O., No. 9[illegible] of 1873. Item No. 12 of do. do.
Neilgherries... ...	7	Wellington ...	Substituting wooden flooring for the present asphalte flooring of the four blocks of the lower story of the married quarters	25,400	16,910	9,000	7	G. O., No. 94 of 1871. Item No. 14 of do. do.
Malabar	8	Cannanore	Renewing the floors of the European Infantry Barracks ...	31,180	23,673	2,000	8	G. O., No. 2,820 of 1868.
Bellary	9	Bellary	Rifle Butts for two Native Infantry Regiments	2,510	.....	2,510	9	G. O., No. 3,157 of 1869.
South Canara ...	10	Mangalore	New Range with Butts for the Native Infantry Regiment	2,700	1,621	1,080	10	G. O., No. 26 of 1871.
Presidency	11	Royapooram, Perambore, and Kepery or Poodoopett.	Magazines and Store-room...	12,450	3,000	9,450	11	G. O., No. 185 of 1873.
Chingleput	12	St. Thomas' Mount ...	Out-houses to the Reserve Powder Magazine	13,625	8,095	5,530	12	G. O., Nos. 3,785 of 1868, 1965 of 1869 and 2,496 of 1872.
Trichinopoly... ...	13	Trichinopoly	Quarters for one Sub-Conductor and two Staff Serjeants of the Ordnance Department	10,800	.....	6,760	13	G. O., No. 3,573 of 1869.
Bellary	14	Bellary	Sick Horse Lines for the Royal Horse Artillery	8,450	.....	8,450	14	G. O., No. 131 of 1870.
Presidency	15	North Beach	Stables for the Commissariat Mules	.....	.....	17,200	15	Estimate awaited.
	16		Grant for Minor Works, the estimated cost of which does not exceed Rupees 2,500 each, and distributed in paragraph 10 G. O., No. 437, dated 10th February 1873.	.....	.....	18,000	16	
			Total, MILITARY...	.....	.....	1,84,000		
			CIVIL BUILDINGS.					
Bellary	17	Bellary	Telegraph Office	17,890	13,000	5,000	17	G. O., No. 1,964 of 1872.
Presidency	18	Madras	Do.	1,47,200	41,000	50,000	18	G. O., No. 428 of 1873. Item No. 17 of Budget of 1872-73.
	19		Grant for Minor Works (Postal buildings) the estimated cost of which does not exceed Rupees 2,500 each ...	.....	.....	9,950	19	
	20		Do. do. (Telegraph buildings) do. do. ...	.....	.....	2,000	20	
			Total, CIVIL BUILDINGS...	.....	.....	66,950		

ABSTRACT OF THE GRANTS PROPOSED FOR ALL ORIGINAL WORKS.

Main Heads.	Total.
	Rs.
Military	1,84,000
Civil Buildings	66,950
Total...	2,50,950

(Signed) W. WALKER, Colonel, R.E.,
Secretary to Government.

GOVERNMENT OF MADRAS.

Part III.

DETAIL OF ESTIMATE FOR REPAIRS FOR 1873-74.

		Estimate, 1873-74.		Estimate, 1872-73.	
		Amount.	Total.	Amount.	Total.
	Military.	Rs.	Rs.	Rs.	Rs.
Ganjam—					
Berhampore	Minor repairs to buildings	600			
	Cantonment roads	120			
	House-rent to Military Subordinates.	100			
			820		820
Vizagapatam— ...	Minor repairs to buildings	1,000			
	Cantonment roads	1,750			
Vizianagram	Minor repairs to buildings	1,690			
	Cantonment roads	310			
	House-rent to Military Subordinates.	4,150			
			8,900		8,900
Kistna—					
Masulipatam	Minor repairs to buildings	400			
	House-rent to Military and Medical Subordinates	300			
			700		700
Bellary—	Minor repairs to buildings ...	17,340			
	House-rent to Military and Medical Subordinates	3,000			
	Cantonment roads	4,660			
			25,000		25,000
Presidency—					
Fort St. George ...	Annual repairs to roads within the garrison	2,500			
Esplanade	Do. to Esplanade roads.	14,047			
Beach	Do. to road along the east face of the fortress	2,500			
Fort St. George ...	Minor repairs to buildings	21,100			
Do.	Annual repairs to Fortifications ...	10,400			
Perambore, etc. ...	Minor repairs to buildings	6,000			
Esplanade	Do. do.	4,000			
	House-rent to Military and Medical Subordinates	15,000			
	Repairs to punkahs, ...	600			
			76,147		76,147
Chingleput—					
St. Thomas' Mount ...	Annual repairs to Cantonment roads.	1,720			
Palaveram and Poonamallee.	Do.	1,630			
			...		...
	Brought over...	3,350	1,11,567	...	1,11,567

GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1873-74.—(Continued.)

		Estimate, 1873-74.		Estimate, 1872-73.	
		Amount.	Total.	Amount.	Total.
	Military.—(Continued.)	Rs.	Rs.	Rs.	Rs.
	Brought over...	3,350	1,11,567		1,11,567
Chingleput.—(Concluded.)					
St. Thomas' Mount, Poonamallee, and Palaveram.	Minor repairs to buildings	20,000			
	House-rent to Military and Medical Subordinates...	7,000			
			30,350		30,350
North Arcot—					
Vellore...	Annual repairs to Cantonment roads.	1,110			
Do. and Raneepett...	Minor repairs to buildings	4,000			
	House-rent to Military and Medical Subordinates	500			
			5,610		5,610
Salem—					
Madagherry. Tripatore. Jollarpet.	Minor repairs to buildings	2,000			
	House-rent to Military and Medical Subordinate	850			
			2,850		2,850
Bangalore— ...	Minor repairs to buildings and Main sewer...	35,547			
	Repairs to Cantonment roads and bridges	6,858			
	House-rent to Military and Medical Subordinates...	10,000			
			52,405		52,405
Trichinopoly— ...	Minor repairs to buildings	8,000			
	Cantonments roads	1,188			
	House-rent to Military and Medical Subordinates...	4,100			
	Do. do. on account Hospital Purveyors ...	330			
			13,618		13,618
Coimbatore— ...	Minor repairs to buildings ...	400			
			400		400
Neilgherries— ...	Repairs to Lawrence Asylum buildings	2,000			
	Minor repairs to buildings ...	5,712			
	House-rent to Military and Med Subordinates...	1,200			
			9,200		9,200
Wellington— ...	Water-courses	216			
	Bazar water-courses	72			
			...		...
Malabar—					
Cannanore	Minor repairs to buildings ...	8,000			
	Cantonment roads	1,000			
	Carried ov	9,000	2,26,000	...	2,26,000

GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1873-74.—(Continued.)

			Estimate, 1873-74.		Estimate, 1872-73.	
			Amount.	Total.	Amount.	Total.
			Rs.	Rs.	Rs.	Rs.
Military.—(Concluded.)						
		Brought over...	9,000	2,26,000	...	2,26,000
Calicut—	Minor repairs to buildings		5,000			
	House-rent to Military and Medical Subordinates		6,000	20,000	———	20,000
South Canara— ...	Minor repairs to buildings		1,000			
Mangalore	House-rent to Military and Medical Subordinates		300	1,300	———	1,300
Tinnevelly—						
Quilon	Cantonment roads		1,200			
	Minor repairs to buildings		1,176			
	House-rent to Military and Medical Subordinates		324	2,700	———	2,700
		Total, Military...	...	2,50,000	...	2,50,000
Civil Buildings.						
Ganjam—	Minor repairs to Postal and Telegraph buildings		150	150	———	200
Vizagapatam— ...	Do.	do. ...	150	150	———	200
Godavery—	Do.	do. ...	50	50	———	200
Kistna—	Do.	do. ...	100	100	———	200
Nellore—	Do.	do. ...	100	100	———	200
Cuddapah—	Do.	do. ...	150	150	———	200
Kurnool—	Do.	do. ...	150	150	———	200
Bellary—	Do.	do. ...	150	150	———	200
Presidency— ...	Do.	do. ...	100	100	———	200
Chinglepút— ...	Do.	do. ...	50	50	———	200
		Carried over...	...	1,150	...	2,000

GOVERNMENT OF MADRAS.

Part III.—(Concluded.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1873-74.—(Concluded.)

			Estimate, 1873-74.		Estimate, 1872-73.	
			Amount.	Total.	Amount.	Total.
			Rs.	Rs.	Rs.	Rs.
Civil Buildings.—(Concluded.)						
		Brought over...		1,150		2,000
North Arcot— ...	Minor repairs to Telegraph and Postal buildings		100	100	———	100
Salem—	Do.	do. ...	150	150	———	200
Bangalore—	Do.	do. ...	300	300	———	500
Tanjore—	Do.	do. ...	150	150	———	200
Trichinopoly— ...	Do.	do. ...	...	...	———	200
Coimbatore— ...	Do.	do. ...	150	150	———	200
Neilgherries—	Do.	do.	150			
Malabar—	Do.	do. ...	150	150	———	200
Wynaad—	Do.	do. ...	150	150	———	200
South Canara— ...	Do.	do. ...	100	100	———	100
Madura—	Do.	do. ...	150	150	———	200
Tinnevelly—	Do.	do. ...	150	150	———	200
		Total, Civil Buildings	...	2,850	...	4,500
		Grand Total	...	2,52,850	...	2,54,500

(Signed) W. WALKER, Colonel, R.E.,
Secretary to Government, P.W.D.

GOVERNMENT OF MADRAS.

Part IV.

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1873-74.

Number. 1872-73.	Number. 1873-74.	Particulars.	Salary of Office.	Estimate for 1873-74. Per Mensem.	Per Annum.	Total.	Estimate for 1872-73. Charges per Annum.
		DIRECTION.	Rs.	Rs.	Rs.	Rs.	Rs.
	1	Chief Engineer, 1st Class, and Secretary to Government	2,500	2,500	30,000		
		Pay Proper	.....	304½	3,653		
	31	Clerks from 10 to 600 Rupees each ...	.....	2,425	29,100		
	14	Office Servants	.....	108	1,296		
		Contingencies	.....	50	600		
47	46			.....	64,649	.....	78,269
		Chief Engineer, 2nd Class, and Joint-Secretary to Government in the Irrigation Department					
1	1		2,000	2,000	24,000	.. ..	24,000
		Pay Proper	243½	243½	2,922	.....	1,680
5	5	Clerks from 20 to 150 Rupees each ...					
3	3	Draughtsmen and Estimators, 40, 50, and 75 Rupees each...	300	300			
5	5	Office Servants	165	165			
14	14		35	35			
	2	Inspecting Engineers (Superintending Engineers, 1st Grade) ...	1,600	500	6,000	.....	6,000
		Pay Proper for one Office ...	304½	3,200	38,400		
	4	Clerks from 20 to 150 Rupees each ...	240	304½	3,653		
	3	Draughtsmen and Estimators, 40, 50, and 75 Rupees each...					
	5	Office Servants	165				
...	14		35				
	26	For 2 Establishments	440	880	10,560		
		Travelling Allowance	166⅔	500	6,000	.....	2,000
		Contingencies, 20 Rupees each ...	60	60	720		
		Presidency house-rent for 2	60 each	120	1,440	.....	720
					93,695		
	2	District Engineers (Superintending Engineers, 2nd Grade) ...				1,58,344	34,400
	1	Do. do. (3rd Grade) ...	1,350	2,700			
	6	Do. including 1 Consulting Architect (Executive Engineer, 1st Grade) ...	.....	1,100	32,400		
			950		13,200		
	8	Do. (Executive Engineer, 2nd Grade)	800	5,700	68,400		
	3	Do. (Do. , 3rd Grade)	650	6,400	76,800		
8	20			1,950	23,400		
					2,14,200		
		Carried over...	.....	.....	.....	1,58,344	1,32,600
							2,45,269

GOVERNMENT OF MADRAS.

Part IV.—(Continued.)

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1873-74.—(Continued.)

Number. 1872-73.	Number. 1873-74.	Particulars.	Salary of Office.	Estimate for 1873-74. Per Mensem.	Per Annum.	Total.	Estimate for 1872-73. Charges per Annum.
		DIRECTION.—(Continued.)	Rs.	Rs.	Rs.	Rs.	Rs.
		Brought over...	.....	.....	.....	1,58,344	2,45,269
		District Engineers' Establishment.					
		Four 1st Class District Office Establishments.					
		Godavery, Kistna, Tanjore, Bellary.					
	1	Head Clerk					
	1	Draughtsman and Estimator	50				
	1	Do. do.	40				
	1	Accountant	50				
	2	Writers (40 and 35)	75				
	2	Copyists (30 and 25)	55				
	2	Goomastahs (18 and 15)	33				
	1	Moochee	15				
	7	Peons (one at 8 and six at 7) ...	50				
	18		468				
	72	For 4 Districts	...	1,852	22,224		
		Six 2nd Class District Office Establishments.					
		Tinnevelly, Cuddapah, Nellore, Coimbatore, South Arcot, and Malabar.					
	1	Head Clerk	80				
	1	Draughtsman and Estimator	56				
	1	Accountant	45				
	2	Writers (35 and 30)	65				
	1	Copyist	25				
	2	Goomastahs (15 and 12)	27				
	1	Moochee	10				
	7	Peons (one at 8 and six at 7)... ...	50				
	16		358				
	96	For 6 Districts	...	2,112	25,344		
		Nine Third Class District Office Establishments.					
		North Arcot, Salem, Trichinopoly, Madura, Kurnool, Ganjam, Vizagapatam, Canara, and Chingleput.					
	1	Head Clerk					
	1	Draughtsman and Estimator					
	1	Accountant					
	2	Writers (30 and 25)					
	1	Copyist					
		Carried over...	.....	.....	.....	1,58,344	2,45,269

Number. 1872-73.	Number. 1873-74.	Particulars.	Salary of Office.	Estimate for 1873-74. Per Mensem.	Per Annum.	Total.	Estimate for 1872-73. Charges per Annum.
		DIRECTION.—(Concluded.)	Rs.	Rs.	Rs.	Rs.	Rs.
		Brought over...	.....	.....	.....	1,58,344	2,45,269
		North Arcot, Salem, Trichinopoly, Madura, etc.—(Concluded.)					
	2	Goomastahs (15 and 12)	27				
	1	Moochee	10				
	7	Peons (one at 8 and six at 7)	50				
	16		317				
	144	For 9 Districts	.....	2,853	34,236		
		Office Establishment of the Consulting Architect.					
	1	Estimator					
	2	Draughtsmen (45 and [illegible]	90				
	1	Clerk	[illegible]0				
	3	Peons (two at 7 and one [illegible]	50				
	7		20				
171	339			270	3,240		
		Office-rent for District Engineers ...	.....	400	4,800		
		Travelling allowance for 19 District Engineers	125	2,375	28,500		
		Batta for 19 Office Establishments ...	25	475	5,700		
		Carriage allowance to Consulting Architect	50	50	600		
		Personal allowance to Consulting Architect	.....	250	3,000		
		Office Contingencies for 19 District Engineers and one Consulting Architect.	20	400	4,800		
		Official Postage	.....	.....	10,000		
		Pay Proper of District Engineers ...	.....	.....	28,490		
		Military Allowances	.....	.....	12,000		
		Total for DIRECTION...	.....	.....	.....	3,97,134	1,33,012
			.....	.....	.....	5,55,478	3,78,281
		CONSTRUCTION.					
	3	District Engineers (Executive Engineers, 3rd Grade) for the Presidency, Bangalore, and the Neilgherries ...	650	1,950	23,400		
	3						
		Carried over...	.....	.....	.....	...	...

Number. 1872-73.	Number. 1873-74.	Particulars.	Salary of Office.	Estimate for 1873-74. Per Mensem.	Per Annum.	Total.	Estimate for 1872-73. Charges per Annum.
		CONSTRUCTION.—(Continued.)	Rs.	Rs.	Rs.	Rs.	Rs.
		Brought over...	.....	.....	.....	...	...
		Establishment of District Engineer, Presidency.					
	1	Head Clerk	80				
	2	Accountants (70 and 50)	120				
	1	Assistant do.	25				
	2	Estimators (60 and 40)	[illegible]				
	2	Draughtsmen (50 and 40)	[illegible]				
	2	Writers (40 and 30)	[illegible]				
	2	Do. at 25 each	[illegible]				
	2	Peons, at 6 each	[illegible]				
	14			547	6,564		
		Establishment of District Engineer, Bangalore.					
	1	Head Accountant	60				
	2	Assistant do. (50 and 40)	90				
	1	Draughtsmen (50 and 40)	90				
	1	Store-keeper	40				
	2	Lascars, at 6 each	12				
	8			292	3,504		
		Establishment of District Engineer, Neilgherries.					
	1	Head Accountant	70				
	2	Writers and Accountants (50 and 45) ...	95				
	1	Draughtsman	80				
	1	Store-keeper	35				
	4	Lascars, at 7 each	28				
	9			308	3,696		
		Travelling allowance of District Engineer, Neilgherries		125	1,500		
		Batta for Office Establishment of do. ...		25	300		
		Carriage allowance for District Engineer, Presidency		50	600		
		Contingent charges of three District Engineers		60	720		
		Pay Proper		523½	6,282		
					46,566		
	3	Assistant District Engineers, (Executive Engineer, 3rd Grade)		1,950	23,400		
	11	Do. do. (Executive Engineer, 4th Grade)		6,050	72,600		
	15	Do. do. (Assistant Engineer, 1st Grade)		6,750	81,000		
		Carried over...		.....	.....	...	...

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1873-74.—(Continued.)

Numbers.		Particulars.	Salary of Office.	Estimate for 1873-74.			Estimate for 1872-73.
1872-73.	1873-74.			Per Mensem.	Per Annum.	Total.	Charges per Annum.
		CONSTRUCTION.—(Continued.)	Rs.	Rs.	Rs.	Rs.	Rs.
		Brought over...	.....	.....	.....	...	...
	22	Assistant District Engineers, (Assistant Engineer, 2nd Grade)	350	7,700	92,400		
	7	Probationers (Assistant Engineer, 3rd Grade)	250	1,750	21,000		
		Pay Proper	.....	.....	15,000		
		Military allowances of O[illegible]s	.....	.....	7,500		
		Presidency House-rent...	.....	45	540		
66	58				3,60,006	.....	4,79,940
		Upper Subord[illegible]s.					
	4	Sub-Engineers, 1st Grade	400	1,600	19,200		
	3	Do., 2nd do.	300	900	10,800		
	7	Do., 3rd do.	250	1,750	21,000		
	15	Supervisors, 1st do.	200	3,000	36,000		
	26	Do., 2nd do.	150	3,900	46,800		
	40	Overseers, 1st do.	100	4,000	48,000		
	60	Do., 2nd do.	80	4,800	57,600		
	87	Do., 3rd do.	60	5,220	62,640		
242	242				3,41,640	.....	3,04,200
		Military allowances of Subordinates ...	.....	.....	1,50,000		
		Presidency House-rent	.....	80	960		
1	2	Mechanical Engineers	.....	720	8,640		
		Petty Establishment ...	.....	.....	1,50,000		
		First Class Ordinary Establishment					
	1	Accountant ...	60				
	1	Draughtsman and Esti[illegible] ...	40				
	1	Assistant Accountant [illegible]r ...	30				
	1	Do. do. ...	20				
	3	Lascars, at 7 Rupees eac ...	21				
	7		171				
	175	For 25 Ranges	.....	4,275	51,300		
		Second Class Ordinary Establishments.					
	1	Accountant	50				
	1	Draughtsman and Estima ...	40				
	1	Assistant Accountant and ...	25				
	3	Lascars, at 7 Rupees each ...	21				
	6		136				
	126	For 21 Ranges		2,856	34,272		
		Ca[illegible]er...	.....	.....	.....	....	7,84,140

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1873-74.—(Continued.)

Numbers.		Particulars.	Salary of Office.	Estimate for 1873-74.			Estimate for 1872-73.
1872-73.	1873-74.			Per Mensem.	Per Annum.	Total.	Charges per Annum.
		CONSTRUCTION.—(Continued.)	Rs.	Rs.	Rs.	Rs.	Rs.
		Brought over...	.....	.....	.....	...	7,84,140
		Third Class Ordinary Range Establishments.					
	1	Accountant	40				
	1	Assistant do. and Writer	20				
	1	Do. do.	15				
	3	Lascars, at 7 Rupees each	21				
	6		96				
	42	For 7 Ranges	...	672	8,064		
		Special Establishments for the Eastern Delta Range, Godavery.					
		Do. Western do. do.					
		Do. Eastern do. Kistna					
		Do. Western do. do.					
	1	Accountant	70				
	1	Draughtsman and Estimator	50				
	1	Assistant do.	30				
	1	Do. do.	40				
	1	Do. do.	25				
	1	Do. do.	20				
	4	Lascars, at 7 Rupees each	28				
	11		294				
	41	For 4 Special Establishments ...	.....	1,172	14,064		
		Bellary Range Establishment.					
	1	Accountant	70				
	1	Draughtsman and Estimator	40				
	1	Assistant Accountant	35				
	1	Do. do.	25				
	1	Do. do.	20				
	1	Writer	30				
	4	Lascars, at 7 Rupees each	28				
	10			248	2,976		
		For the Tinnevelly Range, Tinnevelly District.					
		For the Trichinopoly Range, Trichinopoly District.					
		For the Madura Range, Madura District.					
	1	Accountant	70				
	1	Draughtsman and Estimator	40				
	1	Assistant Accountant and Writer ...	30				
	1	Do. do. do. ...	25				
	1	Do. do. do. ...	20				
	4	Lascars, at 7 Rupees each	28				
	9		213				
	27	For 3 Special Establishments... ...	.....	639	7,668		
		Carried over...	.....	.....	.....	...	7,84,140

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1873-74.—(Continued.)

Number. 1872-73.	Number. 1873-74.	Particulars.	Salary of Office.	Estimate for 1873-74. Per Mensem.	Per Annum.	Total.	Estimate for 1872-73. Charges per Annum.
		CONSTRUCTION.—(Continued.)	Rs.	Rs.	Rs.	Rs.	Rs.
		Brought over...	.....	.....	.....	...	7,84,140
		For the East Coast Canal Range Establishment, Chingleput District.					
	1	Accountant	40				
	1	Draughtsman and Estimator	40				
	1	Assistant Accountant	25				
	4	Lascars, at 7 Rupees each	35				
	8		28				
		Special Establishment of the South Wynaad (Ernad) Range Establishment.		168	2,016		
	1	Accountant					
	1	Draughtsman and Estimator	80				
	1	Clerk	50				
	3	Lascars, at 7 Rupees each	25				
	6		21				
		Special Establishment of the North Wynaad (Corumbanad) Range Establishment.		176	2,112		
	1	Accountant ...					
	1	Assistant Accountant	50				
	3	Lascars, at 7 Rupees each	25				
	5		21				
		Establishment of Officers on Special duty		96	1,152		
	1	Draughtsman ...					
	1	Clerk and Computor	40				
	4	Lascars, at 7 Rupees each	30				
	6		28				
42		For 7 Office Establishments	98				
			.....	686	8,232		
		Establishment for Probationers.					
	1	Writer					
	2	Lascars, at 7 Rupees each	22				
	3		14				
21		For 7 Officers	36				
			.....	252	3,024		
		Carried over...	.....	.....	.....	...	7,84,140

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1873-74.—(Continued.)

Number. 1872-73.	Number. 1873-74.	Particulars.	Salary of Office.	Estimate for 1873-74. Per Mensem.	Per Annum.	Total.	Estimate for 1872-73. Charges per Annum.
		CONSTRUCTION.—(Continued.)	Rs.	Rs.	Rs.	Rs.	Rs.
		Brought over...	.....	.....	.....	...	7,84,140
		Sub-Divisional Establishment.					
	1	Writer and Accountant					
	2	Lascars, at 7 Rupees each					
	3						
	102	For 34 Supervisors	.....	1,326	15,912		
		For one Sub-Engineer and one Supervisor at the Presidency and for 187 Overseers.					
	189	Goomastahs	15				
	378	Lascars, at 6 Rupees each	12				
	567		27				
1,071	1,209	Special Establishment for the Supervisor at Paumben		5,103	61,236		
		Special allowance to Wynaad Establishments	.....	138	1,656		
		Temporary Survey Establishments ...	.....	.....	8,375		
		Travelling allowance and batta to Office Establishment	.....	.....	55,000		
		Contingencies (Rupees 10,000) and Official Postage (Rupees 12,000) ...	.....	.....	2,15,000		
		Estimate of expenses in connection with experiments on hydraulic limes ...	.....	.....	22,000	13,45,705	6,61,994
		Lithographic Department.			.....	3,600	14,46,134
26	27	Draughtsmen and servants from 6 to 250 Rupees each	.....	968	11,616		
		Office Contingencies	.....	50	600		
						12,216	12,216
1	1	*Presidency Store Department.*					
5	5	Moiety of Pay of General Superintendent	330	330	3,960		
19	19	Store-keepers and Clerks from 25 to 200 Rupees each	.....	395	4,740		
25	25	Office Servants	.....	123	1,476		
		Moiety of Presidency House-rent of the Superintendent	.....	22½	270		
						10,446	10,446
1	1	*Civil Engineering College.*					
8	1	Principal	600	600	7,200		
	8	Military allowances		.....	3,324		
		Teachers		.....	16,260		
		Carried over...		.....	.....	13,71,967	14,68,796

GOVERNMENT OF MADRAS.

Part IV.—(Continued.)

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1873-74.—(Concluded.)

Numbers.		Particulars.	Salary of Office.	Estimate for 1873-74.			Estimate for 1872-73.
1872-73.	1873-74.			Per Mensem.	Per Annum.	Total.	Charges per Annum.
		CONSTRUCTION.—(Concluded.)	Rs.	Rs.	Rs.	Rs.	Rs.
		Brought over...	.....	.....	.....	13,71,967	14,68,796
		Civil Engineering College.—(Concld.)					
1	1	Instructor in Bricklaying	.....	.....	528		
1	1	Serjeant Major's Staff Pay	.....	.....	960		
2	2	Clerks	.....	.....	840		
1	1	Librarian	.....	.....	180		
		Stipends	.....	.....	3,600		
13	13	Servants	.....	.....	816		
27	27				33,908		
		Pay Proper	140	140	1,680		
						35,588	35,588
		Contingent Charges.					
		Contingencies, including working money of Sappers	.....	.....	4,642		
		Government Scholarships	.....	.....	300		
		Library and Prize Allowances ...	.....	.....	600		
					800		
						6,342	6,342
						41,930	41,930
		Total for CONSTRUCTION...	.....	.....	.....	14,13,897	15,10,726
		ACCOUNTS.					
1	1	Controller of Public Works Accounts...	1,500 and 1,575	1,500 and 1,575	18,670	.....	17,770
1	1	Deputy Controller do. do. ...	550	550	6,600	.....	6,600
1	1	Do., 2nd do.	.....	300			
4	4	Do., 3rd do.	.....	275			
6	6	Do., 4th do.	150	600			
5	5	Do., 5th do.	110	660			
39	39	Accountants and Clerks, at 15 to 100 Rupees each	80	400 1,538			
				3,773	45,276	.....	45,276
		Local Fund Special Establishment ...	.....	550	6,600	.....	6,600
11	11	Office Servants	.....	67	804	.....	804
69	69					77,950	
		Presidency House-rent	.....	105	1,260	.....	1,260
		Travelling allowances	.....	.....	2,000	.....	2,000
		Contingencies	.....	.....	600	.....	600
		Official Postage ...	.....	.....	8,000	.....	8,000
						11,860	
		Total ACCOUNTS...	.....	.....	.....	89,810	88,910

GOVERNMENT OF MADRAS.

Part IV.—(Concluded.)

ABSTRACT OF THE FOREGOING CHARGES FOR ESTABLISHMENTS.

Abstract.	Salaries.	Travelling Allowances.	Contingencies	Total.	
				1873-74.	1872-73.
	Rs.	Rs.	Rs.	Rs.	Rs.
Direction	4,92,318	40,800	22,360	5,55,478	3,78,281
Construction	11,61,4	2,17,400	35,032	14,13,897	15,10,726
Accounts	77,950	2,000	9,860	89,810	88,910
	17,31,733	2,60,200	67,252	20,59,185	19,77,917
Conservancy	.....	.....	.....	97,101	97,677
Grand Total ...	17,31,733	2,60,200	67,252	21,56,286	20,75,594

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

GOVERNMENT OF MADRAS.

Part V.

DETAIL OF ESTIMATE FOR TOOLS AND PLANT FOR 1873-74.

Description of Articles.	Estimate, 1873-74.	Estimate, 1872-73.
New Supplies.	Rs.	Rs.
Surveying and Mathematical Instruments	5,000	1,030
Machinery	.....	.....
Tools	8,320	5,000
Plant	800	700
Office Furniture	425	780
Camp Equipage	550	350
Live Stock	225	.....
Total...	15,320	7,860
Repairs and Carriage from place to place	14,680	17,140
Total...	14,680	17,140
At the disposal of Government	20,000	.....
Supplies from England not included in the estimates for works	82,200	10,000
Grand Total...	1,32,200	35,000

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

GOVERNMENT OF MADRAS.

Part VI.

DETAIL OF ESTIMATE OF STATE EXPENDITURE ON ACCOUNT OF THE OPERATIONS OF THE MADRAS IRRIGATION AND CANAL COMPANY FOR THE YEAR 1873-74.

ABSTRACT.

	Rs.
I.—ESTABLISHMENT	6,000
II.—PURCHASE OF LAND	8,000
TOTAL...	14,000

I.—CONTROLLING ESTABLISHMENT.

Estimate. 1872-73.	Estimate. 1873-74.	Particulars.	Salary of Office.	Estimate, 1873-74. m.	Estimate, 1873-74. Per Annum.	Estimate, 1873-74. Total.	Estimate, 1872-73. Charge per Annum.	Regular Estimate of 1872-73.
			Rs.	.	Rs.	Rs.	Rs.	Rs.
		Deputation allowance to Head Clerk of Office of Chief Engineer for Irrigation...	...	50	600	...	...	...
1	1	Head Clerk	50	50	600			
1	1	Accountant	42	42	504			
1	1	Record-keeper	50	50	600			
1	1	Draughtsman and Estimate-maker...	40	40	480	4,368	3,528	3,528
1	1	Peon	8	8	96			
1	1	Do.	7	7	84			
		For the Government Examiner						
1	1	Accountant	110	110	1,320			
1	1	Peon	7	7	84			
						4,368	3,528	3,528
		Travelling allowance and Batta for Office Establishment ...	...	...	...	1,000	1,000	200
		Office expenses and contingencies	...	...	...	600	600	560
		Total of the Controlling Establishment	...	...	...	5,968	5,128	4,288

Part VI.—(Continued.)

II.—PURCHASE OF LAND.

Number of Item.	Particulars.	Amount of Estimate.	Computed payments up to 31st March 1873.	Estimate for 1872-73.	Remarks or References.
	KURNOOL.	Rs.	Rs.	Rs.	
	Main Canal	Not estimated for, the Land Registers and Bills are sanctioned by Government from time to time prior to the transfer of the land.	72,653	4,000	
	Distribution Channels				
	For Calingulah Channels enlarged				
	Total for KURNOOL...	.....	72,653	4,000	
	CUDDAPAH.				
	Main Canal	.....	.....	.....	
	Nil.				
	Distribution Channels	Do. ...	20,125	4,000	
	Total for CUDDAPAH...	.....	20,125	4,000	
	Grand Total for KURNOOL AND CUDDAPAH ..	.....	92,778	8,000	

Part VI.—(Continued.)

DETAIL OF ESTIMATE OF STATE EXPENDITURE ON ACCOUNT OF RAILWAYS FOR THE YEAR 1873-74.

ABSTRACT.

	Rs.
I.—ESTABLISHMENT	89,750
II.—PURCHASE OF LAND ...	4,47,400
TOTAL ...	5,37,150

I.—CONTROLLING ESTABLISHMENT.

NUMBER.		Particulars.	lary of office.	ESTIMATE, 1873-74.			ESTIMA 1872-7
1872-73.	1873-74.			Per Mensem.	Per Annum.	Total.	Charg per Annu
		Consulting Engineer for Railways.	Rs.	Rs.	Rs.	Rs.	Rs
1	1	Consulting Engineer for Railways ... 1,860 Military Pay Proper 140	2,000	2,000	24,000		24,0
1	1	Deputy Consulting Engineer for Railways ... ... 950 Military Pay Proper ... ... 140 House-rent 45	1,135	1,135	13,620		13,6
1	1	Second Deputy Consulting Engineer for Railways ... ... 550 Military Pay Proper... ... ... 70 House-rent 45	665	665	7,980		7,9
1	1	Uncovenanted Assistant	300	300	3,600		3,6
3	5	Clerks, at Rs. 15, 20, two 30 s. and 40 ..	135	135	1,620		
1	1	Statistical Clerk, at Rs. 80...	80	80	960		....
1	1	Record-keeper at Rs. 70	70	70	840		
1	1	Land Register Clerk, at Rs. 60	6	60	720		
1	1	Writer to the Deputy Consulting Engineer for Railways	50	50	600		
1	1	Draughtsman	50	50	600		
1	1	Indexer	50	50	600		
1	2	Moochees, at 9 Rs. 15 and 10	25	25	300		
9	9	Five Peons, at 7 Rs. each, one at Rs. 8, two Lascars, at Rs. 7 each, and one sweeper at Rs. 5	62	62	744		
2	2	Lascars for the Deputy Consulting Engineer at Rs. 7 each	14	14	168		
24	28					56,352	54,
		Add travelling allowances of the Consult Engineer and the Deputy Consulting E neer	.....	500	6,000	6,000	4.
		Official Postage	.....	.....	500	500	1,
		Office expenses and contingencies	.....	50	600	600	
		Total ...	.....	.....	63,452	63,452	60,

GOVERNMENT OF MADRAS.

Part VI.—(Continued.)

DETAIL OF ESTIMATE OF STATE EXPENDITURE ON ACCOUNT OF RAILWAYS FOR THE YEAR 1873-74.

Numbers.		Particulars.	Salary of Office.	Estimate, 1873-74.			Estimate, 1872-73.
1872-73.	1873-74.			Per Mensem.	Per Annum.	Total.	Charges per Annum.
			Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1	1	Examiner of Railway Accounts 500 0 0					
		Military allowance, Staff Corps pay ... 374 1 0	1 0	949 1 0	11,388 12 0	11,388 12 0	11,388 12 0
		House-rent... ... 75 0					
2	2	Assistant Examiner of Railway Accounts, at Rs. 350 each					
		House-rent for one Assistant Examiner at the Presidency, Rs. 20	720 0 0	720 0 0	8,640 0 0	8,640 0 0	8,335 0 0
1	1	Third grade Accountant	160 0 0	160 0 0	1,920 0 0	1,920 0 0	1,200 0 0
1	1	Fourth do. do.	100 0 0	100 0 0	1,200 0 0	1,200 0 0	1,200 0 0
2	2	Accountants, at Rs. 50 and 40	90 0 0	90 0 0	1,080 0 0	1,080 0 0	855 0 0
4	4	Peons, at Rs. 7 each	28 0 0	28 0 0	336 0 0	336 0 0	245 0 0
...	1	Moochee	8 0	10 8 0	126 0 0	126 0 0	.....
		Travelling allowances of Examiner and Assistants	0 0	100 0 0	1,200 0 0	1,200 0 0	.....
		Official Postage	0 0	...	120 0 0	120 0 0	.....
		Office expenses and contingencies	5 0 0	25 0 0	300 0 0	300 0 0	250 0 0
		Total ...		...	26,310 12 0	26,310 12 0	23,473 12 0

GOVERNMENT OF MADRAS.

Part VI.—(Concluded.)

II.—PURCHASE OF LAND.

Number of Items.	Particulars.		Amount of Estimate.	Computed payments to 31st March 1873.	Estimate, 1873-74.	Remarks or References.
	MADRAS RAILWAY.		Rs.	Rs.	Rs.	
	Chingleput District		1,000	1,000	1,000	
	Coimbatore do.		* 65,000	43,000	22,000	
	Neilgherry Branch	63,000				
	South-West Line	1,000				
	Great Southern of India Railway.	1,000				
	Total...	* 65,000				
	Cuddapah District		300	300	1,000	
	Bellary do.		3,000	.....	3,000	
	Total ...		69,300	44,300	27,000	
	GREAT SOUTHERN OF INDIA RAILWAY.					
	Tanjore District		1 [illegible],557	1,60,157	400	
	Trichinopoly District		.. ..	.....	.....	
	Erode Extension		2,000	7,000	4,000	
	Tuticorin do.		[illegible]	22,500	6,000	
	Madura		1,000	1,30,000	20,000	
	Tinnevelly		[illegible],000	1,00,000	30,000	
	Total ...		4,[illegible]057	4,19,657	60,400	
	CARNATIC RAILWAY.					
	Madras		.....	.....	1,00,000	
	Chingleput		.....	.....	80,000	
	South Arcot		.....	.....	80,000	
	Total ...		.....	.. ..	2,60,000	
	Tanjore District (Line from Cuddapah to Tanjore) ...		.....	.....	70,000	
	South Arcot (do. do. do.) ...		.....	.....	30,000	
			.. ..	.....	1,00,000	
	SUMMARY.					
	Madras Railway	27,000				
	Great Southern of India Railway ...	60,400				
	Carnatic Railway...	2,60,000				
	Line from Cuddalore to Tanjore ...	1,00,000				
	Total...	4,47,400				

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

PUBLIC WORKS DEPARTMENT

APPENDICES

TO THE

IMPERIAL BUDGET ESTIMATE

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1873-74.

GOVERNMENT OF MADRAS.

APPENDIX A.

DISTRIBUTION OF ESTABLISHMENT.—1873-74.

District or Office.	Secretary to Government.	Inspecting Engineer.	Controller and Deputy Controller.	District Engineers.	Assistant District Engineers.	Upper Subordinates.	Accountants.	Clerks.	Draughtsmen.	Cashier.	Duffers.	
Chief Engineer and Secretary to Government	1	...	...	...	...	...	...	31	11	...	30	
Chief Engineer for Irrigation and Joint Secretary to Government	1	...	...	...	...	...	...	5	3	...	5	
Inspecting Engineers ...	...	2		...	...	...	...	8	6	...	10	
Controller of Public Works Accounts	...			...	...		38	18	...	...	11	
Ganjam	...	...		1	2	5	7	11	3	...	26	
Vizagapatam	...	...	...	1	3	5	7	12	3	...	28	
Godavery	...	...	...	1	7	13	18	23	10	...	59	
Kistna	...	...	...	1	4	17	15	26	9	...	62	
Nellore	...	...	...	1	2	13	8	18	4	...	41	
Bellary	...	...	...	1	5	21	11	29	6	...	63	
Cuddapah	...	...	...	1	3	17	9	20	4	...	45	
Kurnool	...	...	...	1	1	11	8	15	4	...	35	
Presidency	...	...	...	1	...	6	5	12	2	...	16	
Chingleput	...	...	...	1	2	11	11	17	5	...	46	
North Arcot	...	...	...	1	3	14	13	18	4	...	44	
South Arcot	...	...	...	1	3	12	10	17	3	...	39	
Salem	...	...	...	1	2	10	9	18	4	...	43	
Bangalore	...	...	...	1	...	2	3	3	2	...	6	
Tanjore	...	...	...	1	4	14	13	20	7	...	49	
Trichinopoly	...	...	...	1	2	9	8	15	3	...	33	
Neilgherries	...	...	...	1	...	2	3	3	1	...	8	
Coimbatore	...	...	...	1	2	13	11	17	4	...	42	
Malabar	...	...	...	1	4	16	17	19	5	...	52	
South Canara...	...	...	...	1	1	8	6	13	3	...	28	
Madura	...	...	...	1	4	19	8	15	4	...	39	
Tinnevelly	..	...	...	1	4	14	11	23	5	...	54	
Consulting Architect... ...	...	...	...	1	...	...	1	1	2	...	3	
Civil Engineering College ...	...	...	...	1	...	10	...	3	...	...	13	
Mechanical Engineers ...	...	...	...	...	...	2	...	...	...	...	...	
Public Works Stores... ...	...	...	...	...	1	...	...	5	...	...	19	
Total...	2	2	2	24	59	254	250	435	117	...	949	

GOVERNMENT OF MADRAS.

APPENDIX B.

ESTIMATE OF THE PROBABLE RECEIPTS THAT WILL BE REALIZED BY AND ON ACCOUNT OF THE PUBLIC WORKS DEPARTMENT DURING 1873-74.

Items of Imperial Public Works Revenue.	Estimate, 1873-74.		Estimate, 1872-73, as modified.	
	Amount.	Total.	Amount.	Total.
	Rs.	Rs.	Rs.	Rs.
"Revenue, Imperial."				
To be realized in Public Works Department—				
Tolls, dues, fees, fines, and refunds	10,000		13,200	
Rents of buildings...	18,000		18,000	
Sales of produce, etc.	500		800	
Sales of buildings, old materials, and Tools and Plant	24,500		28,000	
		53,000		60,000
Do. do. in Civil Department—				
Tolls, dues, fees, fines and refunds	5,000		5,700	
Rents of buildings...	...		...	
Sales of produce, etc.	...		200	
Sales of buildings and old materials	...		100	
		5,000		6,000
TOTAL, REVENUE, IMPERIAL...	...	58,000	...	66,000

GOVERNMENT

APPEN

ESTIMATE OF RAILWAY AND MADRAS IRRIGATION AND CANAL COMPANIES' WORKS DEPART

1.—EXPENDITURE FROM

MADRAS RAILWAY.

Payments from Government Treasuries.

1. Cash advance for construction ... ...

Receipts into Government Treasuries.

1. Refunds, etc. ... ...

Net payments from Government Treasuries ... ...

GREAT SOUTHERN OF INDIA RAILWAY.

Payments from Government Treasuries.

1. Cash advances for construction, etc. ... ...

Receipts into Government Treasuries.

1. Refunds, etc. ... ...

Net payments from Government Treasuries ... ...

CARNATIC RAILWAY.

Payments from Government Treasuries.

1. Cash advances for construction, etc. ... ...

Receipts into Government Treasuries.

1. Refunds. etc. ... ...

Net payments from Government Treasuries ... ...

TOTAL, NET PAYMENTS FOR RAILWAY ...

MADRAS IRRIGATION AND CANAL COMPANY.

Main Canal ... ...
Distribution Channels ... ...
Buildings ... ...
Establishments ... ...
Electric Telegraph ... ...
Alteration of calingulahs ... ...

Estimated receipts from sale of stores, etc., to be credited to Capital ... ...

TOTAL FOR THE MADRAS IRRIGATION AND CANAL COMPANY ..

GRAND TOTAL ...

OF MADRAS.

DIX C.

TRANSACTIONS NOT APPEARING AS DISBURSEMENTS OR RECEIPTS OF THE PUBLIC MENT FOR 1873-74.

GUARANTEED CAPITAL.

1873-74.			1872-73.	Regular Estimate, 1872-73.
English.	Indian.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.
.....	.....	16,00,000	26,26,000	21,54,900
.....	.....	14,00,000	15,00,000	13,00,000
.....	.....	2,00,000	11,26,000	8,54,900
.....	.....	24,25,000	17,50,000	11,31,300
.....	.....	20,10,000	1,90,000	10,000
.....	.....	4,15,000	15,60,000	11,21,300
.....	.....	16,25,000	7,55,000	1,94,000
.....	.....	12,000	.....	12,000
.....	.....	16,13,000	7,55,000	1,82,000
.....	.....	22,28,000	34,41,000	21,58,200
.....	29,000			
.....	8,000			
.....	500	52,500	1,43,000	2,41,188
.....	13,800			
.....	1,200			
.....	.....			
	52,500	52,500	1,43,000	2,41,188
.....	.....	.....	.....	.....
.....	52,500	52,500	1,43,000	2,41,188
.....	52,500	22,80,500	35,84,000	21,58,200

GOVERNMENT OF MADRAS.

APPENDIX C.—(Concluded.)

II.—REVENUE ACCOUNT.

	Gross Earnings.			Working Expenses.			Net Revenue.			Per-centage of Working Expenses.		
	1873-74.	1872-73.		1873-74.	1872-73.		1873-74.	1872-73.		1873-74.	1872-73.	
		Budget Estimate.	Regular Estimate.		Budget Estimate.	Regular Estimate.		Budget Estimate.	Regular Estimate.		Budget Estimate.	Regular Estimate.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Madras Railway ...	69,30,000	65,00,000	65,00,000	42,45,000	36,00,000	36,80,000	26,85,000	29,00,000	28,20,000	61·3	55·4	56·6
Great Southern of India Railway	9,50,000	8,50,000	11,31,200	5,25,000	5,00,000	10,000	4,25,000	3,50,000	11,21,200	55·26	58·83	·9
Carnatic Railway ...	42,000	36,000	1,93,900	24,150	26,000	12,200	17,850	10,000	1,81,700	57·5	72·2	6·3
	79,22,000	73,86,000	78,25,100	47,94,150	41,26,000	37,02,200	31,27,850	32,60,000	41,22,900	60·8	55·9	47·4
Madras Irrigation and Canal Company.												
Main Canal from Soonkasala to the Pennair ...	1,00,000	40,044	2,69,906	1,35,750	1,00,305	.....	1,69,906	Dr. 50,305	Dr. 95,706	174·2	151·5	240

GOVERNMENT OF MADRAS.

List of the Conservancy Establishments under the Department of Public Works.

	Monthly.	Annually.	Remarks.
GODAVERY DISTRICT.	Rs.	Rs.	
No. 1 Range or Eastern Delta, including Anicut Establishment.			
1 Delta Superintendent	70		
2 Delta Superintendents, at 50 Rupees each.	100		
4 Do. at 40 ,, ,,	160		
2 Do. at 30 ,, ,,	60		
14 Lascars, at 5 ,, ,,	70		
2 Lock Superintendents, at 15 ,, ,,	30		
4 Do. at 12 ,, ,,	48		
8 Do. at 10 ,, ,,	80		
4 Do. at 8 ,, ,,	32		
60 Lock Lascars, at 6 ,, ,,	360		
20 Do. at 5 ,, ,,	100		
25 Anicut Calingulah Lascars, at 6 ,, ,,	150		
15 Do. do. at 5 ,, ,,	75		
3 Maistries, at 18, 15 and 12 ,, ,,	45		
2 Goomastah and Clerk, at 15 ,, ,,	30		
1 Shroff	10		
	1,420	17,040	
No. 2 Range, or Central Delta.			
1 Delta Superintendent	70		
1 Do.	50		
3 Delta Superintendents, at 40 Rupees each.	120		
11 Lascars, at 5 Rupees each	30		G. O., No. 1,549, dated 11th May 1869.
2 Lock Superintendents, at 12 Rupees each.	55		
3 Do. at 10 ,, ,,	24		
2 Do. at 8 ,, ,,	30		
21 Lock Lascars, at 6 ,, ,,	16		
7 Do., at 5 ,, ,,	126		
	35		
	556	6,672	
No. 3 Range, or Western Delta.			
1 Delta Superintendent	70		
3 Delta Superintendents, at 50 Rupees each.	150		
4 Do. at 40 ,, ,,	160		
2 Do. at 30 ,, ,,	60		
19 Lascars, at 5 ,, ,,	95		
4 Lock Superintendents, at 12 ,, ,,	48		
5 Do. at 10 ,, ,,	50		
3 Do. at 8 ,, ,,	24		
39 Lock Lascars, at 6 ,, ,,	234		
14 Do. at 5 ,, ,,	70		
6 Calingulah Lascars, at 5 ,, ,,	30		
1 Clerk	15		
	1,006	12,072	
Yelurpad Lock.			
1 Goomastah	10		
3 Lascars, at 5 Rupees each	15		
	25	300	G. O., No. 2,357, dated 19th July 1869.
New Irrigation Channels.			
1 Lascar	6		
2 Lascars, at 5 Rupees each	10		
	16	192	G. O., No. 3,166, dated 30th Sept. 1869.

GOVERNMENT OF MADRAS.

List of the Conservancy Establishments, etc.—(*Continued.*)

	Monthly.	Annually.	Remarks.
GODAVERY DISTRICT.—(Concluded.)	Rs.	Rs.	
No. 4 Range, or Ellore High Level.			
1 Delta Superintendent	50		
1 Do.	40		
4 Lascars, at 5 Rupees each	20		
1 Lock Superintendent	12		
1 Do.	8		
4 Lock Lascars, at 6 Rupees each	24		
2 Do. at 5 ,, ,, ...	10		G O., No. 1,712, dated 17th July 1872.
3 Calingulah Lascars, at 6 Rupees each ..	18		G. I. No. 164, E. I. ,, 2nd July 1872.
8 Do. at 5 ,, ,, ...	40		G. O., No. 1,549, ,, 11th May 1869.
	222	2,[illegible]	
Thossiputy Lock.			
1 Superintendent	12		
2 Lascars, at 6 Rupees each...	12		
3 Do. at 5 ,, ,, ...	15		
	39	[illegible]68	G. O., No. 1,712, dated 17th July 1872.
No. 6 Range, Irrigation Establishment for distributing water from the tanks in the Rajahmundry and Peddapore Taluqs.			
1 Superintendent	20		
3 Superintendents, at 10 Rupees each ...	30		
3 Lascars, at 5 ,, ,, ...	15		
1 Peon	5		
	70	840	
Yellaru river Water Distributing Establishment	24	288	G. O., No. 2,433, dated 23rd Sept. 1871.
Travelling allowance for the above ...	...	2,238	
Total for Godavery...	...	42,774	
KISTNA DISTRICT.			
Conservancy Anicut Establishment.			
1 Anicut Superintendent	100		
2 Lascars, at 5 Rupees each	10		
1 Maistry	30		
1 Goomastah	12		
1 Tindal	7		
8 Lascars, at 6 Rupees each...	48		
20 Do., at 5 ,, ...	100		
2 Lock Goomastahs, at 10 Rupees each ...	20		
14 Loscars, at 5 ,, ,, ...	70		G.O., No. 3,401, dated 13th Nov. 1865.
	397	4,764	,, ,, 369, ,, 31st Jan. 1866.
Irrigation Establishment.			
2 Delta Superintendents, at 70 Rupees each.	140		
40 Channel do. at 12 ,, ,,	480		
44 Lascars, at 5 ,, ,,	220		
	840	10,080	
Navigation Establishment.			
2 Navigation Superintendents, at 50 Rs. each.	100		
2 Lascars, at 5 Rupees each	10		
	110	320	
Masulipatam Canal and Koilpaud Lock.			
1 Goomastah	15		
6 Lascars, at 6 Rupees each	36		
	51	612	

List of the Conservancy Establishments, etc.—(*Continued.*)

	Monthly.	Annually.	Remarks.
KISTNA DISTRICT.—(Contined.)	Rs.	Rs.	
Veerunku Lock.			
1 Goomastah	15		
6 Lascars, at 6 Rupees each	36		
	51	612	
Neddamole Lock.			
1 Goomastah	15		
6 Lascars, at 6 Rupees each	36		
	51	612	
Ankoomarroo Lock.			
1 Goomastah	12		
6 Lascars, at 6 Rupees each	36		
	48	576	
Tidal Lock.			
1 Goomastah	12		
6 Lascars, at 6 Rupees each	36		
	48	576	
Boodimair Channel, Casarapully Lock.			
1 Goomastah	10		
3 Lascars, at 5 Rupees each	15		
	25	300	G. O., No. 3,401, dated 13th Nov. 1865.
Cowteram Lock.			
1 Lock Goomastah	10		,, ,, 369, ,, 31st Jan. 1866.
3 Lascars, at 5 Rupees each	15		
	25	300	
Pooliar Channel, Pamooroo Lock.			
1 Goomastah	10		
3 Lascars, at 5 Rupees each	15		
	25	300	
Nizampatam Canal, Poogurla Lock.			
1 Goomastah	15		
6 Lascars, at 5 Rupees each	30		
	45	540	
Katchepady Lock.			
1 Goomastah	10		
4 Lascars, at 5 Rupees each	20		
	30	360	
Intur Lock.			
1 Goomastah	10		
4 Lascars, at 5 Rupees each	20		
	30	360	
Mullamada Lock.			
1 Goomastah	10		
4 Lascars, at 5 Rupees each	20		
	30	360	
Tidal Lock.			
1 Goomastah	10		
4 Lascars, at 5 Rupees each	20		
	30	360	

List of the Conservancy Establishments, etc.—(*Continued.*)

	Monthly.	Annually.	Remarks.
KISTNA DISTRICT.—(Concluded.)	Rs.	Rs.	
Jagaralamoody Lock and Calingulah.			
1 Goomastah	12		
4 Lascars, at 6 Rupees each	24		
	36	432	G. O., No. 2,449, dated 12th Aug. 1867.
Vellatoor Western Bank Channel.			
1 Goomastah	15		
7 Lascars, at 6 Rupees each	42		
	57	684	G. O., No. 3,114, dated 1st Oct. 1866.
Commamore Channel.			
1 Goomastah	12		
4 Lascars, at 6 Rupees each	24		
	36	432	G. O., No. 586, dated 23rd Feb. 1869.
Ellore Canal.			
1 Delta Superintendent	40		
1 Channel do.	8		
1 Lascar	6		
1 Do.	5		
	59	708	G. O., No. 2,521, dated 22nd Oct. 1871.
Pondalah Sluice and three Calingulahs at Pundrapaud.			
2 Lascars, at 6 Rupees each	12	72	
Vellamudu and Mullapaulium Calingulahs.			
1 Goomastah	10		
4 Lascars, at 6 Rupees each	24		
	34	204	
Purcharvagoo and Saker Calva Calingulahs and Sluices.			
3 Lascars, at 6 Rupees each	18	108	For six months.
			G. O., No. 2,408, dated 8th Aug. 1867.
Aleru Calingulah.			
1 Goomastah	10		
4 Lascars, at 6 Rupees each	24		
	34	204	
Aromanda Channel.			
1 Goomastah	10		
3 Lascars, at 6 Rupees each	18		
	28	168	
Calingulah at Mopurru on the Boodamair.			
3 Lascars, at 5 Rupees each	15	75	For five months.
			G. O., No. 3,228, dated 13th Oct. 1868.
		25,119	
Travelling allowance for the above ...	...	774	
Total for Kistna District...	...	25,863	
NELLORE DISTRICT.			
Southern Delta of Pennair.			
1 Delta Superintendent	70		
1 Goomastah	15		
1 Lascar	6		
1 Anicut Superintendent	60		
1 Goomastah	10		
1 Lascar	7		
15 Lascars, at 6 Rupees each	90		G. O., No. 2,688, dated 16th Aug. 1869.
	258	3,096	,, ,, 3,690, ,, 18th Nov. ,,

List of the Conservancy Establishments, etc.—(*Continued.*)

	Monthly.	Annually.	Remarks.
NELLORE DISTRICT.—(Concluded.)	Rs.	Rs.	
Southern Delta of Pennair, Survapully Branch Channel.			
1 Head Lascar	6		
4 Lascars, at 5 Rupees each	20		
	26	312	G. O., No. 2,482, dated 28th Sept. 1871. ,, ,, 34, ,, 8th Jan. 1872.
Southern Delta of Pennair.			
1 Goomastah	10	70	For seven months. G. O., No. 2,482, dated 28th Sept. 1871. ,, ,, 34, ,, 8th Jan. 1872.
1 Goomastah	8		
2 Lascars, at 5 Rupees each	10		
	18	126	
1 Delta Goomastah	12		
7 Lascars, at 5 Rupees each	35		
	47	329	
1 Delta Goomastah	8		For seven months. G. O., No. 2,688, dated 16th Aug. 1869. ,, ,, 3,690, ,, 18th Nov. ,,
5 Lascars, at 4 Rupees each	20		
	28	196	
1 Delta Goomastah	10		
5 Lascars, at 5 Rupees each	25		
	35	245	
Nellore Tank.			
1 Superintendent	7		
2 Lascars, at 5 Rupees each	10		
	17	68	
Vaynar Channel Head Sluice.			
4 Lascars, at 5 Rupees each	20	80	
Gunduveram and Davivar Channel Head Sluice at Sangiam.			For four months. G. O., No. 3,510, dated 30th Nov. 1863.
1 Goomastah	7		
4 Lascars, at 5 Rupees each	20		
	27	108	
Total for Nellore District...		4,630	
CHINGLEPUT DISTRICT.			
Casaveram Anicut Establishment.			
1 Monegar	10½		
3 Lascars, at 5 Rupees each	15		
	25½	306	G. O., No. 344, dated 4th Feb. 1871.
Vellur Anicut Sluices and Channels.			
1 Monegar	10		
1 Lascar	5		
	15	180	G. O., No. 357, dated 6th Feb. 1871.
Anicut across the Cortilliar.			
1 Anicut Superintendent	25		
4 Lascars, at 7 Rupees each	28		
	53	636	G. O., No. 1,346, dated 16th May 1871.

List of the Conservancy Establishments, etc.—(*Continued.*)

	Monthly.	Annually.	Remarks.
CHINGLEPUT DISTRICT.—(Concluded.)	Rs.	Rs.	
Coratoor Anicut.			
1 Monegar	7		
1 Peon	3½		
	10½	126	G. O. No. 231, dated 20th Feb. 1856.
Water Distributing Establishment, Kambaukal Channel.			
1 Maistry	20		
2 Lascars, at 6 Rupees each	12		
12 Nirgunties, at 4 Rupees each	48		
	80	960	G. O., No. 68, dated 12th Jan. 1864, Revenue Department.
Total for Chingleput District...	...	2,208	
NORTH ARCOT DISTRICT.			
Palar Anicut.			
1 Monegar	25		
4 Lascars, at 4½ Rupees each	18		
	43	516	
Poiney Anicut and Channel.			
1 Monegar	15		
1 Do. for channels	12		
7 Lascars, at 4½ Rupees each	31½		
1 Lascar	4½		
	62¾	753	
Cauveripauk Tank.			
1 Monegar	12		
2 Lascars, at 4½ Rupees each	9		
	21	252	G. O., No. 2,785, dated 31st Aug. 1868.
Mahindravady.			
1 Monegar	12		
3 Lascars, at 4½ Rupees each	13½		
	25½	306	
Gonoidavady Channel.			
1 Monegar	12		
3 Lascars, at 4½ Rupees each	13½		
	25½	306	
Poiney Anicut and Channel.			
1 Lascar	5		
1 Do.	3¾		
	8¾	105	G. O., No. 168, dated 16th Jan. 1864.
Doosay Tank and Channel.			
1 Monegar	15		
3 Lascars, at 4½ Rupees each	13½		
	28½	342	
Cheyaur Anicut.			
1 Monegar	27		
1 Do.	20		
6 Lascars, at 5 Rupees each	30		
	77	924	G. O., No. 168, dated 16th Jan. 1864.

List of the Conservancy Establishments, etc.—(*Continued.*)

	Monthly.	Annually.	Remarks.
NORTH ARCOT DISTRICT.—(Concluded.)	Rs.	Rs.	
Allihabad Dam and Channels.			
1 Monegar	10		
5 Lascars, at 6 Rupees each	30		
	40	480	G. O., No. 2,926, dated 15th Sept. 1868.
			,, ,, 3,495, ,, 10th Nov. ,,
Total for North Arcot District ...	...	3,984	
SOUTH ARCOT DISTRICT.			
1 Overseer	35		
6 Cottens, at 4 Rupees each	24		
4 Do., at 4 ,, ,, ...	16		
3 Do., at 4 ,, ,, ...	12		
1 Superintendent	15		
6 Cottens, at 4 Rupees each	24		
4 Peons, at 5 ,, ,, ...	20		
1 Driver	14		
4 Cottens, at 4 Rupees each	16		
4 Peons, at 5 ,, ,, ...	20		
4 Talliaries, at 2 ,, ,, ...	8		
1 Monegar	7		
1 Ameen	14		
4 Cottens, at 4 Rupees each	16		
1 Ameen	7		
3 Cottens, at 4 Rupees each	12		
4 Cottens, at 4 Rupees each	10		
	16		
Mamootoor Anicut.	273¾	3,285	G. O., No. 2,763, dated 28th Aug. 1868.
1 Overseer	25		
3 Cottens, at 4 Rupees each	12		
1 Peon	5		
	42	504	G. O., No. 1,519, dated 5th Jan. 1871.
Total for South Arcot District ...	...	3,789	
TRICHINOPOLY DISTRICT.			
No. I. Range.			
Cauvery and Coleroon Poodoogay.			
1 Peishcar	7		
1 Monegar	7		
4 Monegars, at 5 Rupees each	20		
13 Peons, at 4 ,, ,, ...	52		G. O., No. 3,430, dated 15th Nov. 1867.
	86	1,032	,, ,, 207, ,, 21st Jan. 1868.
No. II. Range.			
Cauvery Poodoogay.			
1 Peishcar	7		
1 Monegar	5		
4 Peons, at 4 Rupees each	16		
	28	336	Do. do. do.
Korumboo Establishment.			
2 Monegars, at 4 Rupees each	8		
1 Monegar	3		
	11	132	G. O., No. 2,277, dated 13th Aug. 1863.

List of the Conservancy Establishments, etc.—(*Continued.*)

	Monthly.	Annually.	Remarks.
TRICHINOPOLY DISTRICT.—(Concluded.)	Rs.	Rs.	
No. III. Range.			
Pennair Channel.			
1 Monegar to direct water at the channel head	10		
4 Plankmen, at 4 Rupees each	16		
2 Do., at 3 ,, ,, ...	6		
1 Monegar for regulating water-supply among branches	15		
1 Bank watcher	4		G. O., No. 292, dated 30th Jan. 1867.
	51	612	,, 3,850, ,, 10th Dec. 1868.
No. IV. Range.			
Cauvery Poodoogay.			
1 Monegar	5		
3 Peons, at 4 Rupees each	12		G. O., No. 3,430, dated 5th Nov. 1867.
	17	204	,, ,, 207, ,, 31st Jan. 1868.
Korumboo Establishment.			
1 Monegar	5		G. O., No. 2,297, dated 13th Aug. 1863.
1 Do.	3		Government of India No. 3,324, dated 28th Dec. 1869, Financial Department.
	8	96	Do. No. 15-E. I., dated 11th Jan. 1870.
Nunthuvur Anicut.			Madras Government G. O., No. 535, dated 16th Feb. 1870.
1 Monegar	12		
1 Do.	10		
2 Shuttermen, at 5 Rupees each	10		
11 Do., at 4 ,, ,, ...	44		
	76	912	G. O., No. 535, dated 16th Feb. 1870.
Total for Trichinopoly District...	...	3,324	
TANJORE DISTRICT.			
Water distributing Establishment.			
1 Monegar	10¾		
1 Do.	10⅝		
1 Do.	10		
3 Monegars, at 6 Rupees each	18		
1 Cotten	6		
52 Cottens, at 4 Rupees each	208		G. O., dated 15th October 1840:
	262⅜	3,154½	,, ,, 24th July 1853.
Conservancy Establishment.			
8 Monegars, at 6 Rupees each	48		
1 Monegar	5		
28 Cottens, at 4 Rupees each	112		
	165	1,980	Do. do. do.
Navigation Establishment.			
1 Monegar	17½		
1 Do.	15		
1 Do.	14		
3 Cottens, at 4½ Rupees each	13½		
13 Do., at 4 ,, ,, ...	52		
	112	1,344	

List of the Conservancy Establishments, etc.—(*Concluded.*)

	Monthly.	Annually.	Remarks.
TANJORE DISTRICT.—(Concluded.)	Rs.	Rs.	
Cauvery and Goodamoorthy Dam.			
1 Superintendent	10		
1 Do.	8		
1 Do.	7		
5 Shuttermen, at 5 Rupees each	25		
	50	600	G. O., No. 1,694, dated 14th July 1870.
Total for Tanjore District...	...	7,079	
Ganjam District.			
Neeranikum Establishment ...	..	1,244	
Vizagapatam District.			
Neeranikum Establishment	...	628	
Madura District.			G. O., No. 1,311, dated 23rd Aug. 1870, Revenue Department.
Neeranikum Establishment	...	192	G. O., No. 17, dated 3rd Sept. 1870, Public Works Department.
Tinnevelly District.			
Neeranikum Establishment	...	1,164	
Malabar District.			
Neeranikum Establishment	...	222	
Abstract.			
Godavery	...	42,774	
Kistna	...	25,863	
Nellore	...	4,630	
Chingleput	...	2,208	
North Arcot	...	3,984	
South Arcot	...	3,789	
Trichinopoly	...	3,324	
Tanjore	...	7,079	
Ganjam	...	1,244	
Vizagapatam	...	628	
Madura	...	192	
Tinnevelly	...	1,164	
Malabar	...	222	
Total...	...	97,101	

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

...ined Estimate for London Su... 1873-74.

Description of Articles.	Probable cost.
	Rs.
Surveying and Mathematical Instruments	38,200
Machinery	
Value of store due on former indents expected during the year	44,000
Total...	82,200