Archives I –10,006—16-8 77.

(1) Number of pages 464

(2) Date of repair 1-1-87

(3) Initials of the Reference lvm

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PN DEPARTMENT

G.O. No. / B.P. No. 224-25 Press. / Mis.

Dated 27.1.1881 197-.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

FINANCIAL DEPARTMENT.

11th January 1881, No. 54.

Budget Estimates.

Read the following papers:—

No. 37. *Abstract Statement of Receipts and Charges for* 1879-80 *from the Accountant-General, dated* 13*th September* 1880.

No. 38. *Regular Estimate for* 1880-81 *from the Accountant-General, dated* 14*th December* 1880, *No. D. A. M.*-1.

No. 39. *Estimate for* 1880-81 *from the Public Works Department, dated* 16*th December* 1880.

No. 40. ORDER THEREON, 11th January 1881, No. 54.

Actuals, 1879-80.—The abstract of receipts and disbursements shows an opening balance under Provincial Services on April 1st, 1879, of Rs. 4,28,400; receipts during 1879-80 of Rs. 1,03,60,509; and charges of Rs. 1,03,28,900, so that there was on March 31st, 1880, a surplus balance of Rs. 4,60,009.

2. *Regular Estimate*, 1880-81—*Receipts.*—The regular estimate for 1880-81, based on the actuals for the first six months of the year, gives the sum of the probable receipts, inclusive of the surplus of Rs. 4,60,009, as Rs. 1,07,73,029; while the charges are estimated at Rs. 1,06,14,441.

3. *Charges.*—In view of the possibility of the Madras Municipality being unable to pay their Police contribution, this item, amounting to Rs. 59,980, has been excluded from the estimate of departmental receipts.

4. The estimate of charges includes an item on account of unadjusted famine payments. There were at the commencement of the year outstandings of Rs. 4,51,141-6-6, of which Rs. 3,20,980-10-8 belonged to the Civil Department and Rs. 1,30,160-11-10 to the Public Works Department. Up to the 31st October no progress had been made in adjusting these large sums, but the Collector of Bellary, to which district almost the whole of the Civil Department items belong, reports that a complete adjustment will be effected before the close of the current year. As regards the Public Works items, there appears to be some difference of opinion as to the proper mode of closing the accounts. The Government desire that no time be lost by the Accountant-General and the Examiner, Public Works Accounts, in coming to a decision.

5. The sum of the Civil and Public Works items has been added to the regular estimate of charges as furnished by the Accountant-General in expectation that the outstandings will be completely adjusted before April 1st, 1881.

6. *Budget Estimate*, 1881-82—*Balance brought forward—Receipts.*—The official year 1881-82 will on this expectation open with a balance of Rs. 1,58,588. The estimated income amounts to Rs. 1,02,75,120.

Rs. 3,10,000. The estimate of Police receipts as passed

16. The Provincial Services Budget Estimate for 1881-82 will then stand as shown below :—

		Rs.
	Regular Estimate for 1880-81.	
Receipts		1,07,73,029
Charges		1,06,14,441
	Surplus Balance	1,58,588
	Estimate for 1881-82.	
Opening Balance		1,58,588
Receipts		1,02,75,120
		1,04,33,708
Charges		1,04,33,708

17. The annexed abstract gives the receipts, disbursements, and balance for 1881-82. The detailed estimate will be published in the *Fort St. George Gazette*.

(True Extract.)

Chief Secretary.

To the Public Works Department,
" Revenue Department,
" Board of Revenue,
" Inspector-General of Police,
" " of Jails,
" " of Registration,
" Director of Public Instruction,
" Surgeon-General with the Government of Madras,
" Master Attendant, Madras,
" Supervisor of the Government Press,
" Accountant-General,
"

} with copy of Budget Estimate of Provincial Services for 1881-82.

Std. A. S. Rodgers.

Abstract Budget Estimate of Provincial Funds for the Year 1881-82.

Receipts.	Actuals for 1879-80.	Budget Estimate for 1880-81.	Regular Estimate for 1880-81.	Budget Estimate for 1881-82.	Charges.	Actuals for 1879-80.	Budget Estimate for 1880-81.	Regular Estimate for 1880-81.	Budget Estimate for 1881-82.
	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
1. *Opening Balance*	4,25,400	4,59,715	4,60,009	1,58,588	1. Refunds	8,515	8,000	8,000	8,000
2. *Imperial Allotment for Provincial Services* ..	84,86,120	84,86,300	85,30,800	85,30,800	2. Jails	13,61,818	11,80,000	11,74,500	11,57,500
3. *Departmental Receipts*—					3. Registration	3,05,131	3,74,600	3,92,000	4,26,530
Jails	2,56,887	2,45,000	2,60,000	2,66,700	4. Police	38,20,703	35,00,000	38,50,000	37,13,000
Registration	4,30,164	3,25,000	3,60,000	3,60,000	5. Education	10,05,461	10,84,920	10,21,000	11,16,200
Police including Mofussil Municipal Contributions	1,61,630	2,75,000	2,15,020	2,30,000	6. Medical	6,32,876	6,22,260	6,60,000	7,30,709
Education	1,54,479	2,15,430	1,61,000	2,25,320	7. Printing	2,74,090	2,62,000	2,46,800	2,65,000	
Medical	1,45,993	92,600	1,00,400	94,679	8. Stationery	4,16,174	3,04,900	3,93,000	4,00,000
Printing	31,896	24,600	32,000	33,500	9. Marine	26,840	14,300	9,900	11,648
Marine	17,629	14,300	14,000	14,000	10. Minor Establishments ..	2,01,329	1,98,530	1,99,000	2,01,778
4. *Miscellaneous Receipts*—					11. Office Rent, Rates and Taxes	1,20,421	1,11,880	87,700	1,04,276
Fees and Fines					12. Miscellaneous	4,56,435	5,06,420	4,69,400	4,83,487
Sundry Receipts including Court Fines ..	3,10,137	94,000	1,94,800	63,800	13. Public Works	11,51,210	12,60,000	12,65,000	13,10,608
Contributions					Grants to Local Funds ..	1,01,190	75,000	75,000	1,25,000
5. *Public Works*	1,97,595	1,26,600	1,70,000	1,29,421	14. Irrigation and Navigation	2,16,701	..	1,03,000	3,27,972
6. *Irrigation and Navigation*	74,979	..	75,000	1,15,000	Special Contribution to Imperial Treasury	2,00,000	4,00,000	2,00,000	..
					Total Expenditure ..	1,03,28,900	98,42,810	1,01,63,300	1,03,83,708
					Recoup.—To meet charges under Registration	..	..	..	50,000
					„ —To meet unadjusted advances on account of Famine.	..	3,50,000	4,51,141	..
					„ —To meet charges under Stationery, Police, and Jails..	..	4,05,035	..	..
					Surplus Balance	4,60,009	..	1,58,588	..
Total ..	1,07,83,909	1,06,87,845	1,07,73,029	1,04,33,708	Total ..	1,07,83,909	1,06,87,845	1,07,73,029	1,04,33,708

Gobt. of [illegible]

FINANCIAL.

To

The PUBLIC WORKS DEPARTMENT.

&c., &c., &c.

Dated January, 1881

Issued

Rec'd.

G.O., 11th January 1881, No. 14.

JANUARY.
Nos. 37—40.

Budget Estimate — The Provincial Budget Estimate for 1881-82 is returned

Provincial Service
Public Works Budget
Estimate 1881/82.
Abstract.

1st Circle.

		Estimate 1880/81		Estimate 1881/82	
		Amount	Total	Amount	Total
Civil Buildings.					
Original Works		81,666		41,620	
Repairs		2,500		1300	
			84,166		42,920
Communication					
Original Works		75,000		50,000	
Repairs		2600		2600	
			77,600		52,600
Inland Steam					
Repairs and Charges		2307		2110	
			2307		2307
Grand Total			164,153		97,827

Part

Provincial Service
Table Showing Salaries

Return of Persons

Salaries for ensuing Year

Provincial Service for the Year 1801/02.

Head of Expenditure	Provincial Division	County	Title	Amount of Salaries	Outlays: Actual Expend. 1799/00	Outlays: Probable during 1800/01	Grant 1801/02: Amount	Grant 1801/02: Total	Remarks and References
			Civil Establishment						
			Civil Secretary						
			Special Funds						
Provincial Secretary			Secretary	1,200			1,200		Gov. 25th Nov. 1799
			Clerk	300			300		Gov. 25th Nov. 1799
			Clerk	240			240		Gov. 25th Nov. 1799
			Clerk	200			200		Gov. 25th Nov. 1799
			Messenger	100			100

Name of Regiment	Station	Number	Rank	Regiment & Name	Allowance	Actual Charge 1779.80	Probable during 1780.81	Grant 1780 Amount	Grant 1780 Total	b Remarks and References
					Sallings	914	861	4500	X	G.O. 222 28: Augt 1780 Item N. 35 of Appendix to Part I of Budget of 1000/01.
Regiment of Foot	Nova Scotia			Regimental Staff		11,809		5000	X	G.O. 2264 N. 22 May 1781 Item N. 36 of Appendix to Part I of Budget of 1000/01.
Regiment of Foot	Nova Scotia			Captains		11,100		5000	X	do do do
				Lieutenants		10770		5000	X	G.O. 2128 N. 30 Nov. 1780 Item N. 46 of Appendix to Part I of Budget of 1000/01.
Regiment of Foot				Ensigns		2730		2730	X	G.O. 2541 N. 28 Oct. 1780 Item N. 47 of Appendix to Part I of Budget of 1000/01.
	Regiment Nova Scotia			Chaplain						
				Adjutant						
				Surgeon		7386		7365		Am. Claim of £7365. was sent with letter N. 219 of 7th October 1780. G.O. 2495 of 29th Oct. 80
Regiment of Foot	Nova Scotia			Chaplain and Barrack Master		Allow				
				Surgeon's Mate		Allow				
				Quarter Master		Allowed	1660	1660		G.O. 1382 N. of 10th May 81
Regiment of Foot	Virginia			Sergeants						

Name of Departments	Number of Schools	Budget Estimate of Expenses	Budget Estimate of Receipts from Rates	Grant 1881/82 Estimate	Grant 1881/82 Sales	Remarks and Differences
[illegible]	1175			1170		Gov: 4304 W/S: Nov 1878
[illegible]	1005			1005		Estimate approved by the Assistant Inspector for Public for entry.
[illegible]	1700			1900		Gov: 4845 H. of J: Dec 1880
[illegible]				81.66		
Total Commutations	130	71053	3000	75000		Gov: 1008 of 18: July 1878 Gov: 1.25 of Budget 1881/82 Approved Estimate in suspension Tally Gov: 1857 H. of 22 August 1881
Total Commutations				75000		

Commutations

Number of Pupils for whom Grant is payable

Provincial Service. Part IV.

Office Budget Estimate. Abstract.

Detail of the Budget Estimate for Cash and Stock under Provincial Services for the Year 1819.

Division	Fixed	Charges of Establishment	Amount of Establishment
	Cash and Stock		
Cuddapah	Peons and Charges ——— 1		900
Vizagapatam ——— do ——— do ——— 1			1210
Nellore.	Contribution to Vizagapatam of 2½ per cent on the grant for native Peons ——— 1		227
	Total Cash and Stock		2337

Secretary's Office Fort St. George
Madras 18th October 1819

Assistant Secretary to Government
Superintending Engineer
in Ceded

P.W.D.
18[illegible]
[illegible]

Superintending Engineer's Office,
Madras,
No. 2207. Chepauk, 15th October 1880.

From

The Superintending Engineer,
1st Circle,

To

The Chief Engineer
Public Works Dept.
Madras.

Sir,

I am forwarding the Provincial Service Budget Estimate for 1881/82. I have the honor to bring to your notice that I have entered Items A. 1167. 1175. 1176 for building in the Bellary District although the operations of the P.W.D. are at present suspended in that District.

2. Item A. 1167 for re-roofing the Tahsildar's Cutcherry at Woosilkondah is stated by the Executive Engineer to be a work that is much required

3. Item A. 1175 is for a work not yet sanctioned, by the Sub Collector pending at Angole. An Estimate for Rs. 7315 was

Enclosures.
11 Budget

sent for sanction with my letter of 1st inst.
dated the 9th Inst.

4th. For items 1, 2 & 3. I have entered for
probable expenditure in the current year,
reckoning on the demands for same as
in the Statement sent with my letter of
20th of the 2d instant, in answer to the
Call to apply for funds from the Revenue.

I have the honour &c.

Lt. Governor Abercrombie

Lieut
Superintending Engineer
in Cuba

No 2345

Memorandum.

It is observed from item 22 of the Budget Note forwarded with the Supdg Engineer's letter of the 13th October 1880, No 2247, that the estimated outlay on the Potsingh Street during 1880-81 is not shown at Rs 30,000, while the Budget allotment for the current year is Rs 50,000. If arrangements cannot be made for utilizing the whole of this allotment the probable unexpended balance should be at once surrendered.

By Order
Sd/ D.P.
Object 760.

To Supdg Engineer
1st Circle

From

The Superintending Engineer,
P.W.D. 1st Circle,
Rangoon

To No. 2247

The Chief Engineer
P.W.D.
Madras.

Dated 13th October 1880.
Rcd. 16th " "

Sd/ [illegible]
Executive.

No 2247
Provincial Budget Estimate
for 1881-82
Forwarding Note.

P. W. SECRETARIAT—1879-80.

KEEP-WITH.

13

Current No. ———

Letter No. ———

Dated the ———

from the ———

Special Fund

Public Works Branch Estimate

Statement

No

Abstract of the Budget Estimate for Original Works

Head of Service

Classification

Civil Service Charges on Revenue & Works

Civil Contingencies

Miscellaneous Public Services

Harbours and Navigation

Civil Service

Contingencies and Miscellaneous Public Services

Original Works

Estimate

for the year

1881/82

Amount Asked for

Grant for 1881/82

Grant for 1880/81

Actual Expenditure 1879/80

Remarks & References

Item No 15 of Budget for 1879/80.

Sealed letter No. 1020 dated 28th August/80 from Secy. to Govt. Engineer-in-Chief

5,000 /

Add Rs. 5,000

Total 55,70 Standard Office

Total Memo — 5/10/80

Rabbeys Schumberger

A. Rivaldo

Supdg Works Section

Special Fund

Public Works Budget Sheet

Section Six Sheet

Part II

Detail of the Budget Estimate for Maintenance of Public Works

for the year 1911/12

Head of Classification	Section	Estimate 1911/12	Revised Estimate 1910/11
	Civil Buildings		
	Civil Buildings		
	Maintenance of Public Buildings		
	Park Fund.		
Harbours & Rivers Navigation	Civil	Annual Repairs	400

Dated 29th September 1911.

Signature

Secretary to Public Works

Enclosure to Letter No 1313
dated 29th Sept 80 from the
Superintendent of Works Kistna
to the Chief Engineer P.W.D.

P.W.D.
RECD
No

Statement
Budget Estimate for the
Year 1881-82

Provincial Service

Public Works Department Estimate

Estimate of the Department for the Original works

Head of Service

Classification

Provincial Service

Imperial Administration

Estimate of expenditure

Superintendence

Establishment

Contingencies — do — do — 2

Public Works Buildings — do — Bridges — 3

Public Works Buildings — do — Roads — 4

Public Works Buildings — do — Bridges — 5

Supt. of Works Office Kingston
Kalsbaptain
29th September 1880

Estimate

for

Provincial Service for the year 1881/82

Amount Voted for 1880/81	Estimate 1881/82	Sec.	Remarks & Reference
Sanctioned Grant 1879/80	Actual Expenditure 1880/81		
34,450	1500	1	G.O. No 2040 of 17th July 75. Sec. 18 of 1880/81 Budget Estimate
12,700	2000	2	G.O. No 96 of 11th December 78. Budget Item No 20 of 1877/1885
12,310	7500	3	Do. Budget Item No 28 of 80/81. Class 3.0.
1500	1585	4	Estimate sent to the Commissioner with this Office No 1160 of 11-9-80
1500	16500	5	G.O. No 933 of 20th June 77. Budget Item No 63 of 79/80 Class B. Estimate sent to Chief Engineer for Irrigation with this Office Letter No 1174 of 15th September 80.
	41385		
	24669		

J. W. Rundell
Supt. Works Kingston

Provincial Service
Public Works Royal Engineer Establishment
Section Section
Part

Detail of the Royal Engineer Establishment employed on Provincial Service in Section Section for the year 1861/62

Head of Classification	Section	Section	Section
Provincial Service Civilians Public Works Establishment	Chief Engineer		
	Assistant Engineers		
	Clerks		
	Draftsmen		
	Overseers		
	Foremen		
	Mistrys		
	Artificers		
	Labourers		
	Contingencies		
	Total		

Lieut. & Works Officer Kishna
Masulipatam
29th September 1862

J. W. Ravenshaw
Asst. Engineer

1st October 1862

Provincial Service
Public Works Royal Engineer Establishment
Section Section
Part III

Detail of the Royal Engineer Establishment employed on Provincial Service in Section Section for the year 1861/62

Head of Classification	Section	Section	Section	Section	Section	Section	Section
Provincial Service Civilians Public Works Establishment	Chief Engineer						
	Assistant Engineers						
	Clerks						
	Draftsmen						
	Overseers						
	Foremen						
	Mistrys						
	Artificers						
	Labourers						
	Contingencies						
	Total						

Lieut. & Works Officer Kishna
Masulipatam
29th September 1862

J. W. Ravenshaw
Asst. Engineer

1st October 1862

Enclosure to Letter No 113
dated 29th September from the
Superintendent of Works Kishtwar
to the Chief Engineer & P.W.D.

P.W.D.
RECD
No. 6611

Provincial Service
Budget Estimate for the
Year 1881-82.
Chenab Division

No 113

Office of Works Officer
Kishtwar
29th September 1880
Received 3rd October 1880

From

The Superintendent of Works
Kishtwar

To

The Chief Engineer
P.W.D. Jammu
Sialkot

Sir

I have the honor to forward herewith the Budget for Imperial & Provincial funds for the year 1881-82, and to inform you, that Imperial Estimates for Kishtwar under Imperial will be submitted as per Standard begin Imperials with No. 121 & Provincials 2 to August 1880.

I have the honor to be
Sir
Your most obedient Servant
[illegible]
Superintendent of Works
Kishtwar

From P.W.D.
ECIRO

No

To the Executive Engineer
Public Works

Sir,

Dated the 29th March 1881 } 1880
Received on the

I have the honor to forward herewith Budgets for Municipal, Provincial & Special Funds for 1881-82. for the Division.

I have the honor to be
Sir,
Your obedient servant

Works Academy.

I.

Works under Provincial Services for 1881-82.

Amount of Estimate	Balance of Grant for 1880-81	Grant for 1881-82. Amount	Total	Item No.	Remarks and references.
15,580 ✓		13,580		1.	G. O. No. 227 of 28th August 1876. ~~Item No. 8 of Budget 1879-80.~~ Stopped under the restriction of expenditure. Item No. 26 of Budget 1880-81 Cl. B.
5050 ✓		5,050		2.	G.O. No. 824 of 1st Oct. 1877. ~~Item No. 15 of Budget 1879-80~~ Stopped under restrictive orders Item No. 2 of Budget 1880-81. Class B.
3,000 ✓		3,000		3	G.O. No. 222 of 21 Aug. 1875, and No. 2153 of 17th Aug. 1876. Item No. 8 of 1880-81. Class A.
9190 ✓		9190		4.	G.O. No. 43 of 7th Feb. 1877. Item No. 56 of Budget 1880-81. Class B.

Presidency.

I.

(Works) under Provincial Services for 1881-82.

Estimated Cost	Revised Estimate	Expenditure to 31st March 1881	Grant for 1881-82.	Item No.	Remarks and References.
17,700			17,700	5	G.O. No. 2214 dd. 21st Nov. 1876 Item No 52 of Budget 1880-81 Class B.
12,500			12,500	6	Plan and Estimate submitted on the 17th October 1876, No. 3893
5,250			5250	7	G.O. No. 1870 dd. 9 July 1874. G.O. No. 2311 dd. 9 Augt. 1875 G.O. No. 2097 dd. 31 July 1877. Item No. 66 of Budget 1880-81. Class B.
			5,000	8	

Provincial Services
Est. Budget Estimate

Detail of the Budget Estimate of Repairs to Public Works under Provincial Services for the year 1881-82.

Head of Classification	Details	Estimate 1881-82	Estimate 1880-81
Imperial Services	Provincial Services		
Administration Residences &c.			
Local Government			
Medical Hospital (General Hospital)			
Public Works Buildings			
	Total Civil Buildings		
Ordinary Maintenance.	Communication		
	Roads and Bridges		
	Total Communication		
Harbours and Navigation			
	Total Mis: Public Works		

Provincial Services.
Est. Budget Estimate Part II.

Detail of the Budget Estimate of Repairs to Public Works under Provincial Services for the year 1881-82.

Head of Classification	Details	Estimate 1881-82.	Estimate 1880-81.
Imperial Services	Provincial Services		
Administration Residences &c.			
Local Government			
Medical Hospital (General Hospital)			
Public Works Buildings			
	Total Civil Buildings		
Ordinary Maintenance.	Communication		
	Roads leading from the Fort towards the Mount and Sonamalle G.O. No 1429 of 1st May 1867. No 3901 of 13th Oct. for 4 Nos 26 @ £5 Oct. for.	9375	9375 ✓
	Roads leading from the Fort towards the Mount and Sonamalle G.O. No 1429 of 1st May 1867. No 3901 of 13th Oct. for 4 Nos 26 @ £5 Oct. for.	9058	9058 ✓
	Total Communication	18,453	18,453
Harbours and Navigation	Miscellaneous Pub. Improvement.		
	Conservancy of the Commercial Harbour G.O. No 1922 W of 31st Dec. 1877	2,000	2,000 ✓
	Total Mis: Public Imprts	2,000	2,000

Provincial Services.
Br. Budget Estimate

Part IV.

Detail of the Budget Estimate for Works and Establishments Provincial Services for the year 1881-82.

Division.	Quantity of Works and Establishments.	Rate of Charges.	Amount.	Other Charges.	Charge Specified.	Total Charges.	Total Charges 1881-82.	Estimate 1881-82.
Presidency								
							550	550 150 66
Repairs to Presidency Gaols - Vide G.O. No. 80 dt. 12th Augt. 1875 and No. 3468 of 18th Dec. 1876.								334 15 8

No. 2540.

8th Oct. 1880.

Secy. 6.

Chief Secy. to Govt. of N.W.P. & Oudh
Offg. Secy.
for Supdt. of Census

P.W.D.
SECTT.

No. _____.

From,

The Supt of Works
Buckingham

No. 2540

Dated 5th February
Recd. 5

Budget Estimate for
Original Works, under
Provincial.

1881-82.

No 1838.

Madras

Provincial Servants

Public Works Budget Estimate

29

P.W.D.
SECTT.
No. _____

Public Works Department

Budget Estimate

of

Buckingham Canal

For the year of

1881-82.

224 R-27-1-81

Office of the Superintendent of Works
Buckingham Canal
Dated 11th October 1880
Recd 15th do

A. Audry. Captain R.E.
Superintendent of Works
Buckingham Canal

Provincial Services

Public Works Budget Estimates

Budget Estimate of the Buckingham Canal Revenue for the year 1881-82.

Budget Estimate of the Revenue that will be derived by and on account of the Buckingham Canal for the year from 1st April 1881 to 31st March 1882.

	Budget Estimates 1881-82.	Budget Estimates 1880-81.	Regular Estimates 1880-81.
Navigation and Irrigation Works			
Buckingham Canal			
Tolls	19,000		22,000
Rents	95,200		92,200
Fines	100		100
Sales	390		390
Sales of Canal Produce	250		250
Sales of Seed and Plant	40		40
Sales of old materials	20		20
Miscellaneous			
Total realized in the Public Works Department	115,000	120,000	115,000

Provincial Service — Expenditure — Public Works

Public Works Budget Estimate

Budget Estimate of Expenditure on the Buckingham Canal for the year 1911-12.

Abstract of the Estimated expenditure of the Buckingham Canal for the year from 1st April 1911 to 31st March 1912.

Number of Estimate	Name of Work	Estimate for 1911-12	Revised Estimate for 1911-12	Actuals for 1911-12
	Irrigation & Navigation Works			
	Buckingham Canal			
	Original Works			
	Communications	175,000	120,000	140,000
	Tools and Plant	5,000	-	5,000
	Repairs			
	Communications	30,000	14,000	22,000
	Establishment	21,972	17,700	20,613
	Tools and Plant	2,000	200	917
		2,34,972	151,900	189,530

(2)

Provincial Service — Expenditure — Madras

Public Works Budget Estimate — Part I — 31

Detailed Budget Estimate for Original Works of the Buckingham Canal for the year 1911-12

Number of Estimate	Name of Work	Estimate for 1911-12	Revised Estimate for 1911-12	Actuals for 1911-12	Outlay Sanctioned	Remarks and Reference to Detailed Estimate
	Irrigation & Navigation Works					
	Buckingham Canal					
	Original Works					
1	Communications	175,000	120,000	140,000		
2	Establishment (Temporary)	21,972	17,700	20,613		
3	Tools & Implements with Boat gear	2,000	200	917		
4	Establishment (Permanent)	30,000	14,000	22,000		
5	Tools & Implements with Boat gear	5,000	-	5,000		
6	Communications	30,000	14,000	22,000		
7	Establishment (Temporary)	21,972	17,700	20,613		
8	Tools & Implements with Boat gear	2,000	200	917		
		2,34,972	151,900	189,530		

(1)

Provincial Service

Public Works Budget Estimate

Statement

Statement I

Detail of the Budget Estimate of Repairs to the Buckingham Canal for the year 1881-82.

Division	Locality	Items	Amount of Estimate	Total Amount of Estimate
Navigable Canals	Buckingham Canal	Navigation and Irrigation Works		
		Buckingham Canal		
		Maintenance of the Buckingham Canal from Ellavaram in South Godavari District of Commissioner Canal in Kistna District at 81 miles 1/2 furlongs at Rs 110 per mile for 16 miles and Rs 275 per mile for 207 miles	19,115	29,115
		Special Grant for Repairs of extraordinary damages to banks	2,000	
		Grant for minor repairs to Bridges Culverts Locks and Buildings	5,000	
			9,000	29,115

(4)

Provincial Service

Public Works Budget Estimate

Statement

Detail of the Budget Estimate for Establishments for the Buckingham Canal for 1881-82

Number	Designation	Pay	Allowances	Total
	Superintendence			
1	Executive Engineer's Establishment	600		
1	Sub Engineer's Establishment	240	60	
	Establishment for Repair of Bridges			
	Establishment for Repair of Locks			
1	Head Draftsman's Establishment	100	100	
1	Sub Engineer's Establishment	100	100	
1	Draftsman's Establishment	60	60	
1	Overseer's Establishment	60	60	120
1	Establishment for Boat Establishment	30	30	
	Establishment			
1	Clerk's Establishment	30	30	
1	Peon's Establishment	6	6	12
1	Overseer's Establishment	60	60	120
1	Establishment for Boat Establishment	30	30	60

Provincial Service.
Public Works Budget Estimate

Madras.

Part IV

Details of the Budget Estimate for Roads and Canals for the Buckingham Canal for the year 1881-82.

Division	Name of Road or Canal	Length in miles	Estimated cost of original construction	Estimated cost of subsequent improvements	Estimated cost of Establishment	Estimated cost of Tools and Plant	Estimated cost of Repairs	Total Estimate for 1881-82	Remarks
Buckingham Canal			2,00,000	2,00,000			5,000	7,000	5917

No. 2683

FROM

THE SUPERINTENDENT OF WORKS
GODAVARI DISTRICT.

TO

THE CHIEF ENGINEER P.W. Department
FOR IRRIGATION

Enclo.

Dowlaishweram, 11th December 1880.

Dept 12 Dec

SIR,

Referring to your memorandum dated 22nd November 1880, No. 2617, I have the honor to report that the approximate amount that should be provided in the outgoing Provincial Budget on account of increase of capital for the Dowlaishweram Workshops is twenty thousand Rupees.

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

Supt. of Works Godavari.

compd by

From

The Superintending Officer
Godavari

To

The Chief Engineer
Public Works Dept

Dated 11th December 1880
Received

No 2683

Enclosure in letter
No 2272 dated 16th Dec/80
from the Superintendent
of Godavari Godavari

P.W.D.
16 NOV 80
No

Special

Public Works Budget Estimate.

Godavari District.

Part I

Detail of the Budget Estimate for Original Works under Special Funds for the year 1881-82.

Serial No.	Name of Work	Nature of Work	Amount Outlay Estimated Total Cost	Actual Expenditure up to 1879-80	Probable Expenditure during 1880-81	Grant required 1881-82.	Class of Work	Remarks and references.
	Civil Buildings & Roads & Bridges		£ 116831					17-11-80
1	Cocanada	Executive Buildings	21500			5000	1	Plan & Estimate returned to Executive with the Letter of Works No 2900 of 26th Oct 1880.
		Civil Stations				5000		
		Roads	41055	2348	1207	500	2	G.O. No 30 of 5th April 1877 item No 10 of Special Budget of 1878-79.
		Public Buildings				5500		
		Total Original Works						Plan & Estimate returned to Executive with the Letter of Works No 2900 of 26th Oct 1880.
		Total Special Funds						G.O. No 30 of 5th April 1877 item No 10 of Special Budget of 1878-79.
		Communications Irrigation Navigation						
	Municipal Commissioners Cocanada	Roads Navigation Irrigation	189450	540	6 20,000	20,000	3	G.O. No 2155 dated 10th December 1877.
		Total				20,000		
		Total Communications				20,000		

Superintendent of Works Godavari.

Executive Engineer
11th Division

Box M

Sept 26 1916 Ice Cream

Statement showing the Public Works & Buildings Estimates for Original Works under the Superintendence of Madras for the Year 1881-82.

Serial No. of Estimate	Number of Estimate	Name of Work	Original Estimate	Outlay to 31st March 1879-80 Actuals during 1880-81	Outlay Anticipated	Grant Required 1881-82 Total	Item No.	Remarks and References
		Provincial Ordinary Civil Buildings Original Works						
1	1	Additional Collectorate Cutcherry	31870	12157	5000	8000	1	See Statement of Superintendent of Works' Letter No 2257 of 7/11/80 G.O. No 106 of 11th July 1875
								Class B. of Estimate 1880-81
	2	Constructing Sub Magistrate's Cutcherry	730			710	2	G.O. No 539 of 16th February 1875
	3	Additional Cutcherry	1600	232		25	3	G.O. No 184 of 20/12/72
	4	Cutcherry & Lock-up	53200	"	"	"	4	G.O. No 582 W of 4/2/78
	5	Court House	10300	"	"	"	5	G.O. No 7787 W of 25/9/77
	6	Sub Magistrate's Cutcherry	7500	"	Re-grounded	"	6	G.O. No 1214 of 8/5/77
	7	Cutcherry	7040	"	"	"	7	Do Do
	8	Do Do	7200	"	"	"	8	Do No 1311 of 8th May 75
	9							
	10	Cutcherry &c	22900	"	"	10,000	9	Class B. of Estimate 1880-81 G.O. No 3536 of 20th December 75
	11	Sub Magistrate's Cutcherry	700			700	10	Do No 1781 W of 26/4/77
	12	Sub Magistrate's Cutcherry	7200	"	"	4000	11	Do No 1311 of 8th May 1875
						23440		

Nothing entered for this work as it will be removed & rebuilt by the Municipality should the Municipality require the ground for any of them

57

Head of Executive Classification	Divisions	Locality	Item No.	Project and Work	Outlay 1879-80	Outlay 1880-81	Grant required 1881-82	Item No.	Remarks and References
									Government's share only Vide G.O. No 2188
b Ecclesiastical						26 2740			12 M. of 17th September 1880 Plans and
		Cocanada	12	Improvements to the Church		" "	2500		Estimates will be submitted shortly
		Rajahmundry	13	Constructing a compound round the Protestant Church		Not to be proceeded with		13	G.O. No 328 of 14th February 1877
Police		Rajahmundry	14	Do Police Head Quarter Office	11066	"	3000		14 G.O. No 2648 71 of 26th June 1878
c Medical		Badrachellam	15	Do a Dispensary	3696	"	3696		15 G.O. No 3514 71 of 26th November 1878
d Do		Dowlaicheruvam	16	Do Do Do	2000	Not to be proceeded with	2000		16 G.O. No 2971 of 18th October 1878
e Miscellaneous		Cocanada	17	Do Registration Office	5100	"	"		17 Revised Estimate will be submitted when possible
	Western divisions	Chittapett	18	Do Sundries Civil buildings	1359+	(7044)	6550		18 G.O. No 2226 of 23/8/76 Item No 59 of 1880-81 Budget Item 59 Class 6 - fully provided for by G.O. No 1695-71 of 16-7-80 + No 2424-71 of 20/10/80
					13574?				
		Total Civil Buildings					46156		

Provincial Services.

Public Works Budget Estimate.

Government of Madras

Part IV.

Detail of the Budget Estimate for Tools & Plant under Provincial Services for the Year 1881-82.

Head of Classification	Class	Name	Estimate 1881-82	Estimate 1880-81	Remarks & Explanations
Irrigation Canals	Ordinary	Establishment charges			
		Maintenance of Irrigation works			
		& Management	5000	5000	
		Miscellaneous & Incidental			
		Total Ordinary	5000	5000	

Provincial Services

Public Works Budget Estimate

Government of Madras

Part IV.

Detail of the Budget Estimate for Tools & Plant under Provincial Services for the Year 1881-82

Division	Land, Buildings and Enclosures	Machinery	Tools	Plant	Office Furniture	Camp Equipage	Live Stock	Repairs and Carriage	Total 1881-82	Estimate 1880-81
Godavari District										
Eastern Division										
Floating Plant	"	"	"	"	"	"	"	2000	2,000	5695
Sundry Repairs	"	"	"	"	"	"	"	200	200	5576
Total									2200	

for Godavari Dt for 1880-81 Rs 5576 Given

D.
17/11/80

Superintendent of Works
Godavari District

Bon Crichmeram
11th November 1880

Compd 9/11

Rec Correc in ltr
of No 2272 dated 11th
November 1880 from
the Superintendent
of Works Godavari

No. 2272

FROM

THE SUPERINTENDENT OF WORKS 4/21
GODAVARI DISTRICT.

TO

THE Chief Engineer
Public Works Department

Dowlaishweram, 11th November 1880.

SIR,

I have the honor to submit
herewith—

(1) Provincial Works Budget for 1881-82.
(2) Imperial ——do—— for ——do——
(3) Special ——do—— for ——do——

I have the honor to be
Sir
Your most obedient servant

Superintendent of Works
Godavari

Imperial Budget Estimate of the Consulting Architects Division for 1881-82.

Part I. Section A.

Extract of Estimated charges for Public Works of the Consulting Architects Division for 1881-82.

	Expenditure to detailed Estimate	Estimate 1881-82	Estimate 1880-81	Total 1881-82	Total 1880-81
Original Works					
Military	"	"	"	"	"
Other Services					
Civil Buildings	"	30,000	*1,00,000 78432	30,000	1,00,000
Establishment	"	"		"	"
Tools and Plant	"	"	"	"	"

*Subsequently reduced to Rs 78432 under G.O. No 592 W. dated 7th July 1880.

†Item not required

Budget Estimate — Rs 78,432 for Works
19,608 " Establishment
1960 " Tools & Plant
1,00,000

Shepaul
29th September 1880

K. Chisholm
Consulting Architect
to Government

P.W.D.
20 SEP 80
Registered

Imperial Budget Estimate of the Consulting Architects Division for 1881-82.

Part I. Section B.

Abstract of Estimated charges for Public Works of the Consulting Architects Division for 1881-82.

	Reference to detailed Estimates	Estimate 1881-82	Estimate 1880-81	Total 1881-82	Total 1880-81
Public Works.					
Military	"	"	"	"	"
Original Works					
Other Services	"	300000	*100000	300000	100000
Civil Buildings	"	"	"	"	"
Establishment	"	"	"	"	"
Tools and Plant					

* Subsequently reduced to Rs 73432 under G.O. No 1592 W. dated 7th July 1880.

Chepauk
29th September 1880

R. Chisholm
Consulting Architect
to Government.

P.W.D. RECEIVED 30 SEP 1880 No. 6167

Imperial Budget Estimate.

Consulting Architects Division, Presidency District of Public Works Department.

Part II.

Detailed Estimate for Original Works.

Executive Division				Project Description.	Amount of Estimate	Completed Expenditure up to 31st March 1880	Estimate for 1881-82
				Postal			
Architect Division Presidency District.	1	Madras	Constructing	Post Office	245.010	"	150.000
				Total Postal	245.010	"	150.000
				Telegraph.			
Do	2	Do	Constructing	Telegraph Office	257.192	221.605	150.000
				Total Telegraph	257.192	221.605	150.000
				Total Civil Buildings	502.202	221.605	300.000

Chesapake
29th September 1880

Consulting Architect
to Government.

Above Estimate Sanctioned by Government in Public Works Department Letter No. 1 dated 30th October 1880.

Other Divisions Ditto Ditto Ditto

P.W.D.
RECEIVED
No

Budget Estimate Provincial and Special
for 1881-82.

Executive Division / District	No	Locality	Project. Description	Amount of Estimate	Actual outlay end of 1880-81	Probable outlay end of 1881-82	Estimate for 1881-82 Provincial	Special	Remarks
Architect Division Presidency District	1	Egmore Madras	Constructing Lying-in-Hospital Item 20 of Class A of Budget for 1880-81	*175957	67000	8378	12000 8378	-	C.No 2617
do	2	"	Tools and Plant.						
			New supplies	2000	-	2000	2000	"	
			Repairs and Carriage	500	-	500	500	"	
			Total Tools & Plant	2500	-	2500	2500	"	

Chepauk
29th September 1880

* Includes Rs 4275, for the new Road connecting Hall's road and Casamajor's Road, which should be deducted under G.O. No 2436 W. dated 26 September 79.

Consulting Architect to Government

P.W.D.
20 SEP 80
No. 2172

Provincial Budget Estimate

Detail Estimate for Establishment of the Consulting Architect's Division for 1881-82.

Number 1880-81	Number 1881-82	Particulars	Salary of Office	Estimate for 1881-82 Per mensem	Per annum	Total	Estimate for 1880-81	Remarks.
		Direction						
1	1	Consulting Architect to Government	950	950	11400	11400	11400	
		Office Establishment						
1	1	Estimator	145	145	1740	1740	1740	
1	1	Draftsman, 2nd Class	35	35	420	420	"	Vide G.O. No. 1950 dated 14 Aug: 1880
2	1	do 3rd do	25	25	300	300	600	* 1@30 and 1@25
1	1	Clerk, 4th Class, 1st Grade	50	50	600	600	600	
4	4	Messengers, 1@7 and 1@6. Lascars, 2@6 each	25	25	300	300	300	
		Personal allowance to Consulting Architect	-	250	3000	3000	3000	
		Office Contingencies and Official Postage	-	10	120	120	120	
		Travelling allowance	-	-	-	-	500	
		Personal allowance to one Messenger	-	1	12	12	"	Vide G.O. No. 1763 dated 12 July 1880
		Total	-	1491	17892	17892	18320	

Chepauk
29th September 1880

Consulting Architect
to Government.

ROADS AND BUILDINGS.

P.W.D.
30.6.80

From

The Consulting Architect
to Government,

To.

The Chief Engineer, P. W. Department,
Buildings and Roads Branch.

No. 2690

Dated 5th October 1880
Received

No. of Enclosures.

Buildings & Communications
1881 - 1882.

Fr Estimate Civil Services for the Year ending 31st March 1882.

IX Miscellaneous.

	Actuals 1879.80	Estimates 1880.81.	1881.82.
	15,058	15,058	
Repair of Government Roads.			
made up as follows - vide order of Government			
P.W. Dept. No 2690, dated 5th October 1876.			
From Provincial Funds.			9,058 Provincial
—"— Military Funds.	G.O. No 2690 of 5/10/80		6,000 Imperial
		Rs.	15,058 Credit

Municipal Commissioner's Office
Madras 6th October 1880.

Acting President Municipal Commission

Estimate-Household of His Grace the Governor.

Municipal Office,

G. No. 606

Madras, 6th October 1880.

From A. J. Arbuthnot

Actg President, Municipal Commission.

To The Secretary to Government

Public Works Department

Sir,

With reference to the Proceedings noted in the margin, I have the honor to forward herewith departmental estimate of the charges of this Municipality during the current Official year 1881-82 for the repair of Government Roads for which

I have the honor to be,

Sir,

Your most obedient servant,

A. Arbuthnot

Actg President, Municipal Commission.

Civil Estimate-Household of His Grace the Governor.

from 1st April 1881 to 31st March 1882.

5

	Actuals	Estimates		Remarks
Public Works Grant	1879-80	1880-81	1881-82	
Furniture, charges of Government Houses at Madras, Ganjam, Port St. and Ootacamund.	4,999 13 8	5,000	5,000	

Government House,
Ootacamund.
16th October 1880.

Philip Hawkins
Private Secretary.

P.W.D.
166160

Civil Estimate. Household of His Grace the Governor

from 1st April 1881 to 31st March 1882.

Public Works Grant	Actuals	Estimates		Remarks
	1879-80	1880-81	1881-82	
Furniture Charges of Government Houses at Madras, Guindy Parel and Ootacamund	4,999 13 8	5,000	5,000	

Government House
Ootacamund
16th October 1880.

Philip Hamilton
Private Secretary.

P.W.D.
RECEIVED
No. 6166

Government House
Ootacamund
16 October 1880.

No. 86.

From
The Private Secretary
to His Grace the Governor.

To
The Secretary to Government
Public Works Department
Ootacamund.

Sir,

I have the honor to forward herewith in duplicate the Budget Estimate of the probable expenses on account of Furniture, required for Government Houses at Madras, Guindy Park and Ootacamund for 1881-82.

I have the honor to be,
Sir,
Your most obedient servant
Philip J. Hankin
Private Secretary.

4 Sch. 65 Sct.

PRESIDENCY PUBLIC WORKS WORKSHOPS.
Madras, 8th December 1880.

No. 2114 W.

From

THE GENERAL INTENDENT,
PUBLIC WORKS WORKSHOPS,

To

The Chief Secretary to Government,
Public Works Department.

Sir,

I have the honour to submit herewith requisitions for 1881-82.

Enclosures.

I have the honour to be,
Sir,
Your most obedient servant,
Superintendent,
Public Workshops.

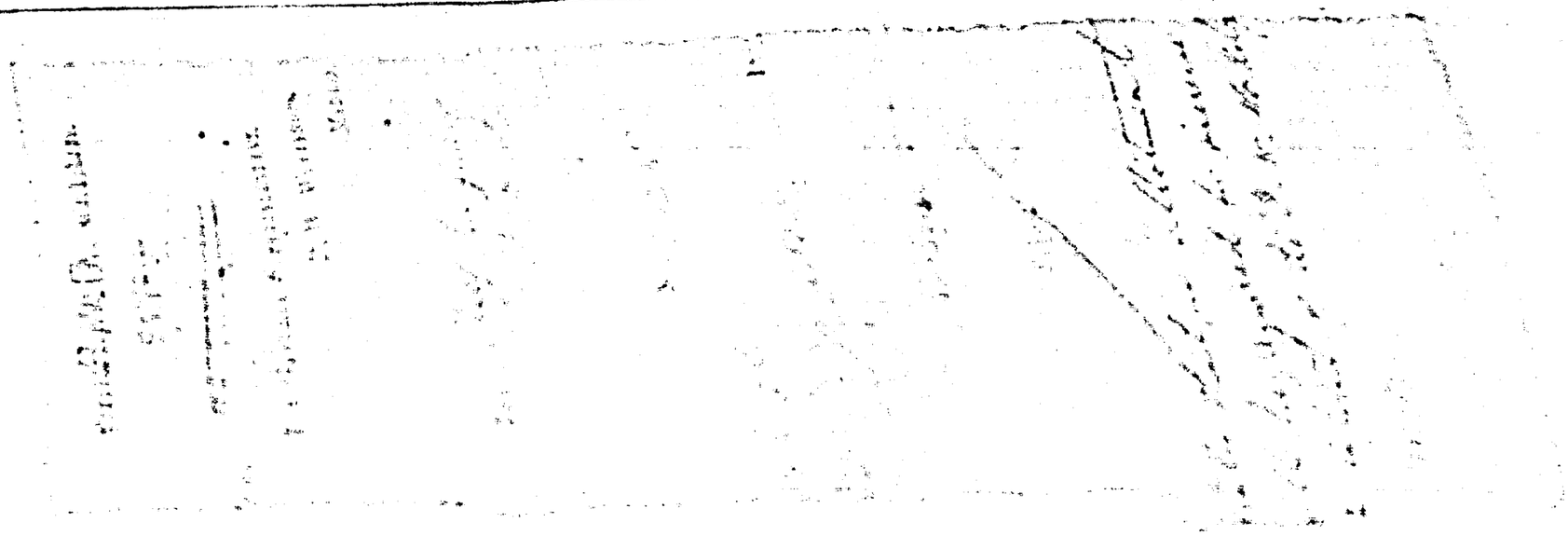
P.W.D.
RECEIVED
No.

From The Private Secretary
To The General Superintendent

To The Secretary to Government
Public Works Department
Retained

Registered 18 } 1880
Received } Postage

Submitting Budget
Estimate for Furnishing
Government Workshops for
1881-82.



Sanjore District
Part ~~III~~ IV

Provincial Services
Public Works Budget Estimate

Detail of the Budget Estimate of Repairs to Public Works under Provincial Services for the year 1881-82.

Head of classification	Executive Division	Locality	Items.	Estimate 81-82 Amount	Estimate 81-82 Total	Estimate 1880-81. Amount	Estimate 1880-81. Total
			Provincial Ordinary				
			Repairs				
			Civil Buildings.				
Provincial Services Law & Justice District Court Buildings.	Sanjore	Sanjore and Dranguelad	Annual Repairs	2000	2000		
Miscellaneous	Do	Do	Do	250	250	250	250
Govt Houses & Residencies	Do	Sanjore	Sanjore Palace Repairs	20,000	20000	26000	26000
				22250		26250	
Provincial Services Miscellaneous	Negapatam		Annual Repairs	200	200	200	200
			Grand Total	22,450		26,450	

Supt Engineers Office Circle
Nellimpoly 2nd October 1880.

R. Beatty - Lieut Col RE
Supt Engineer Trichy Circle

P.W.D.
40180

Tanjore District

Provincial Service

Part III.

Budget Estimate of Repairs to Public works for 1881—82.

Provincial Services
Public Works Budget Estimate

Tanjore
Part

District
I

Details of Budget Estimate for Original Works under Provincial Services for the year 1881-82.

Head of Classification	Executive Division	Locality	Sl. No.	Project and Works.	Original Estimate	Actual Expenditure up to 31-3-80	Probable Expenditure during 1880-81	Grant for 1881-82	Sl. No.	Remarks & References
				Provincial Ordinary Civil Buildings						
				Original works						
Provincial Services Imperial Administration	Negapatam	Negapatam	1	Sub Collectors' Cutcherry	11,560			5000	1	G.O. No. 1022 of 26 March 1877. Standing 23 of 1880-81 Budget - B. Works.
	Tanjore	Mayaveram	2	Deputy Collectors Cutcherry	4520			4520	2	G.O. No. 701 W of 18 March 1880.
Law & Justice	Tanjore	Trangambar	3	Additions and Repairs to the District Superintendent's Court House	6120			6120	3	G.O. No. 2538 W dated 8 October 1879.
	Tanjore	Trivadi	4	District Munsiff's Court	11,900			11,900	4	G.O. No. 3165 of 6 November 1875. Standing 40 of 1880-81 Budget - B. Works.
								27,560		
				Carried over						

Head of Classification	Executive Division	Locality	Sketch No.	Project Works	Amount of Estimate	Outlay during 1880-81	Grant 1881-82 Amount	Total	Sketch No.	Remarks and References
				Brought forward	27560					
Law & Justice (Courts)	Negapatam	Arantangi & Taluk Magistracies		Cutcherry &c.	5000					G.O. No. 1505-W of 26 March 1877. Item No. 3 of 1880-81 Budget. B. Works.
	Do	Tiruturaipundi & adjoining Districts		the District Municipal Court	2000				6	G.O. No. 1763 W dated 16 November 1877.
	Do	Negapatam	7	Extending the Municipal Court	District 1900				7	G.O. No. 3478 W dated 2d September 1878
Provincial Services Provincial Jails	Do	Do	8	Compound Wall the Sub Jail	Round 1165				8	Estimate sent for the Countersignature of the District Magistrate and will be submitted shortly.
Miscellaneous	Jail	Jail	9	District Magistrate	Office 10330				9	Estimate under examination in this Office & will be forwarded shortly.
	Negapatam	Tiruturaipundi & Taluk Magistracies			Office 2150				10	G.O. No. 1910 W dated 20 April 1878.
	Do	Trivalore	11	Do	Do 1500				11	G.O. No. 3188 dated 28 November 1876.
				Carried over	51935					

Head of Classifi-cation	Section	Division	County	Name	Project of Work	Amount Estimated	Starting Point	Ending Point	Amount Expended	Balance	Date of Completion	Remarks
					Brought forward							
Miscellaneous (Contd)	Jaipur	Jaipur	12	Reconstructing Office	Original						12	Completed 11th August 1852
	Nagpatam	Nattam	13	Cutcherry & Gaol Police Station Quarters for Head Constable	Original	1100						
	— Do —	Pichapooram	14	Office for Tehsildar Office and Treasury		2000						
Police	— Do —	Madura Town	15	Erecting Shed for 3 Constables and Office for Head Constable		1400						
					Carried forward	61175						

Head of Classification	Location Division	Locality	Item No.	Project Works.	Current Financial Actual to end of 79-80. Probable expenditure 80-81	Grant Outlay 1887-82 Amount	Total	Expenditure	Remarks and References.
				Brought forward		61175			
	Darjeeling		16	Grant for Minor Works Class Option and above Rs 1000	Original 2000	2000		16	
							Total Rupees 61175		

Supdg Engineers Office Circle
Dichinopoly 2nd October 1880

Executive Engineer 3rd Circle

Abstract of the Funds for loan for all Signal Works (Major and Minor) the Administration by the Public Works Department.

Division	Provincial	Local	Total
Circuit Road			
Civil Buildings	Provincial	63,175	63,175
	Total	63,175	63,175

Quesnelle 2nd Division
Deputy Engineer in Charge

Richmond
2nd October 1880.

Special Fund

Tanjore District
Part II

Detail of Budget Estimate for Repairs under Special Funds for the Year 1881-82

Head of classification	Executive Division	Locality	Items	Estimate 1881-82 Amount	Estimate 1881-82 Total	Estimate 1880-81 Amount	Estimate 1880-81 Total	Remarks.
			Civil Buildings Repairs Special Fund					
Court Houses Residencies	Tanjore	Nirumida-maruttur	Repairing the Palace Buildings-	9000	9000	.	.	G.O.No 1679 dt 15.7.80.
			Irrs. Public Improvement Port Fund					
Harbour and navigation	Tregapatnam	Tregapatnam	Protecting the sand spit and repairing sand fences	540	540	540	540	

Richmond
9th October 1880.

Executive Engineer

Chief Engineer

P.W.D.
5.0120
42

Tanjore District
Provincial Service

Part I.

Budget Estimate
for original works
for 1881-82.

Chief Engineer
S.P.C.
4/11/80

P.W.D.
11G130

Lanjore District

Part II.

Special Fund

Budget Estimate

for Repairs for

1881—82—

Special Funds

Kurnool District
Part I

Detail of the Budget Estimate for Original works under Special Funds for the year 1881-82

Head of classification	Sanctioned	Division	Locality	Sanction No.	Project Grant &c.	Amount Sanctioned	Outlay actual to 79-80	Outlay Probable during 80-81	Grant 1881-82 amount	No. of Class	Remarks and References.
					Miscellaneous Public Improvements Original works Port Fund						
Harbours and navigation	Negapatam	Negapatam	Negapatam	1	Constructing a Godown head of pile with Engine & Stone Steps at Negapatam	1365			1365	1	G.O No 2187 dated 17 May 1878 Postponed Vide note by His Excellency the Governor printed with G.O No 464 W dated 6th December 1878.
Light Houses	Do	Do	Do	2	Constructing a Godown at Lighthouse and Headmasters attendants office	1020			1020	2	Estimate forwarded to the Master Attendant Madras on the 6th October 1879.
									Total	2385	

Executive Engineers Office
Dindigul
the 6th October 1879

Executive Engineer

P.W.D.
LIBRARY

Establishment

The establishment
charged for here
must not be exceeded

C.E.
5/7/81

Gurgaon District

Part I.

Special Fund

Budget Estimate
for original works
for 1881—82.

No. of G. O.	For what purpose.	When taken.	Name of the party by whom taken.

No. of G. O.	For what purpose.	When taken.	Name of the party by whom taken.

No. of G. O.	For what purpose.	When taken.	Name of the party by whom taken.

P. W. D.

No.

Memorandum of papers from the Records of the Madras Government, for reference.

GOVT. OF MADRAS. } 188 . { P. W. DEPT.

SECRETARY.

Chepauk, 24th June 188 a.

OFFICE NOTE.

To Mr

Printing Charges
C. E. of Irrigation

As regards para 5 of by his office note, it must be remembered that the Chief Engr. of Irrigation is attached a separate office, while the Chief Engr. P.W. Dept. is not. While this is the case it is essential that the records of that office should be kept complete. Hence the necessity for communicating all Irrigation Opts to the C. E. for

Similarly the Co
cutting Engineer for
Railways is attached

separate office, where records should also be kept complete.

As regards the Chief Engineer's Dept, when the appointment was created, or rather revived after the resignation of Colonel Ward, it was apparently not considered essential to add to the strength of the Secretarial Establishment for the performance of the separate functions of the Chief Engineer.

The work of first importance which has gradually been devolving under these Chief Engineers (Col. Carpendale, Col. Walker & Col. Sankey) and the increase of Establishment has been allowed, although there has been little or no increase in the Secretarial work proper.

I drew up a paper before going on leave on this subject which will be found among the records, in which I demonstrated by means of figures the actual increase of work without corresponding increase of Establishment, but on the other hand with a smaller staff.

The papers can be looked up, should the Secretary desire to see them.

R.S.
21.11.

CSW

I know even the
before in question, a
in case he S/S should
a despatch to
formally the attempt
of the Establishment
I should have no

Question to take
up the matter —
but just now I
don't think it would be
worthwhile doing so

24.11.15. [illegible]

W

It is not easy to say
what action should
be taken upon this —
Probably the best
plan would be to re-
consider the whole
question of Office
establishments before
the preparation of next
year's budget —

There is no doubt that
some increase is wanted,
but Officers are disposed
to overestimate the
deficiencies of the present
system —

As regards the preparation
of estimates we are already
far in advance of the
money available, so that
I do not think any increase
of the clerical establish-

[illegible] is entitled; but there is no doubt that these clerks, especially of the lower grades, are receiving -

25/11

V. W.

Agreed — the Council as soon as possible [illegible] absolutely necessary requirements [illegible] in next Budget

25/11 20

C. A. [illegible]

[illegible] R. Pensions

1/46

The following Variations appear in the Budget Estimates -

Secretariat

2. Muchis or Baftries @ Rs. 10½ & 14 — Rs 24½

The Muchi is placed [illegible] the higher rate, and the Baftri or Attendant the lower rate. How this came about I am unable to explain, but being present when the arrangement was made & budget prepared It is certainly an anomaly. The Muchi does work little better than that of a Peon while an Attendant approaches the

of a Clerk. His
Income may seem to
have fallen subsequently
for it will be seen
from the accompanying
Copy of Pay Sheets
that the Attendan
has always been
Rs 13 per mensem
as the authority for
a "Peons" Table of
the Copy of these
Sheets seems to
have been procured
for Secretl. and
whether I will be
considered binding
in the preparation
of the Budget for
the ensuing Year
I cannot say. But
formerly there
was two Attendan

2/ Attenden. While
therefore there has
been no increase in
Prices to pay, there
seems to be reason
for giving the
remaining Attenden
any increase which
the Budget might
allow. Certainly
some for reducing
the pay of the Attenden.
Formerly there
has been same
Variation. The Prices
having been altered to
draw the rate
of pay prescribed
for the Attenden.

R.S.
17-12.

(1) I thought that communications must be regarded as less urgent than Civil Building; and as the amount of funds available was limited, it seemed that the Chancellor must either have some such alternative as that proposed or nothing. His face at will be seen from an adverse Article has been sent to you for signature while the Estimates should be looked over with, and if a Grant of £20000 is not of much good. If a Grant, the proposed Grant for the Palace should not be struck out

and given to the Colonial Govt.

(2) The Civil Estab. have given £. 70.000 for a Grant-in-aid to Canada.

But under which same they, the C. Govt. demand the current year's Grant-in-aid from the Home Budget, so that the Grant has not been entered this time. It will be seen from the Col. Office Paper (No. 2) No. 228 of 8th May 1877, that Canadian Authorities pay one Northern Fund are now adjusted in the Accounts of the Civil Department

(3) If Estimates had been prepared, a lump sum in place. The Existing Canal Establishment will be transferred into one - In Col. A. the words are entered as the same may be in Estimates

to prepare.

b. because it was usual for you to alter the several items in to one, than three in to several.

Three months from the Budget, I have had time to make a rough estimate of Establishment charges, and do not understand how the Budget Estimates calculated them at same 12 Lakhs; so far as I can see, 16 would be nearer the mark.

In that case, alterations must be made in the Civil Building portion of List A, but directly the C. Estimates are settled, any Transfer from A to B can be made by proceedings at Calcutta, same thing is altered

bel.

It will be necessary to decide whether the Collector, whether the amount of Local Fund Contributions is to be selected as fixed by the Board of Revenue. If Secondly as fixed by way of Estimated Receipts of the year what if imperfectly ascertained will not be received, and the Revenue Board should have taken the same to be and calculable, however Equitably, what their contributions would be in the altered circumstances of the case? Key must have known that Local Fund Works would be abandoned wholly in some districts when they were, & such districts they might have included in their

GW

I have no time to go into this now

See my note when this comes & the date

By the 31st I hope the C will be able to let us know the Estab. Charges when we can see further

29/12/79

GW

I wish to take order with the Prov. Budget — but understand that the C cannot have the Estab. total till Tuesday

(1) Ascertainable when say when you propose such assignment a 20,000 Rs each to Palmy & Pottery &c. As if works are making progress time comes on ask I should say early enough

(2) Again should there not be an entry of a grant for Provincial to Local Funds

I suppose ... an entry of Rs 1,20,000

78

Col.

Col. Jones probably then
Addresses under Part III
?

2) Why should the Barbados
Canal be any longer
under Local method
if one item ? When
an effective Estimate
is ready the whole into
to Address

28/Jan/75

78

to Prepare.

14/1/87

14 JANVI
ACCOUNTS

GOVT. OF MADRAS. } 188/ . { P. W. DEPT.

SECRETARY.

Chepauk, 13th January 188/.

№ 45 N OFFICE NOTE.

To C.

Please expedite the return of the Proof of the Establishment Budget Estimate for 1886/82 sent to you on the 6th instant.

№ 979
14/1/87

R.S. Dy W

Returned on the 14th 1/87

Dun
14/1

file with the Budget R.S. 15/1

[Ext. Wks. Form No. 111.]

GOVT. OF MADRAS. } 1880-87 { P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

Madras, 15 JANUARY 1887

OFFICE NOTE No. 987 enclo/

To

W.

HEREWITH APPENDIX D. FOR THE PROVINCIAL BUDGET.

Dun
15/1

KEEP WITH Genl. No. OFFG. C.

dated 18 .

W 17/1
11/1

No 1479. Vol III. 5th February 1831.

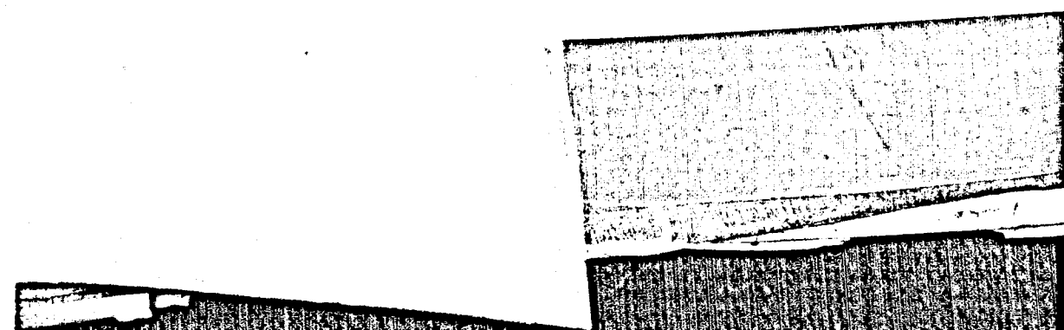
C. Office Feb. No 1073
11.2.31.

No 6.

6.

Please return the proof
of G.O. No 224 dr of 27th January last
forwarded to you with the proof
of the Provincial Budget for
1831-32, and let me know the
actual outlay to the end of 1830
under original heads on the
Buckingham Canal which has
been left blank in the budget
just returned.

(Sd) J.P.C.



Keep with Genl. No.

dated 18 .

[Exr. Wks. Form No. 111.]

GOVT. OF MADRAS. 18 11 . P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

Madras, 11 FEBRUARY 18 11

OFFICE NOTE No. 1373

Encl 1 bundle

To

W.

THE PROVINCIAL BUDGET IS HEREWITH RETURNED CHECKED, AND WITH THE NECESSARY ENTRIES MADE THEREIN.

2. PLEASE SEE PENCIL CORRECTION IN PART I CLASS B. WORKS, PAGE 9.

OFFG. C.

No 107.

GOVT. OF MADRAS. } 188/. { P. W. DEPT.

SECRETARY.

Chepauk, 21st January 188/.

OFFICE NOTE.

To

The Abstract of the Provisional Budget Estimate for 1881-82 with the Memorandum in connection therewith for the Board's consideration of the necessary figures in the column marked Items X

2. As the Budget is to be laid on the Table on the 15th February, please return it as early as possible.

Sgd: [illegible]

S.J.O

No 1052 Quelch
4/4/81

In the Statement for-
-warded with F.O. No 2872
dated 16th December ult.
Rs 11,72,028. were given
as the Estimated charge
for 1881-82. under Provincial
and adopted by the Govt
in the Budget Estimate
submitted to the Accountant
General P. W. Department.

As in the proof of the
Provincial budget received
with Govt Note No 69 Dt
of the 31st January ult the
Amount has been reduced
to Rs 13,10,608, I shall
be obliged by Govt informing

me of the cause of the
decrease for intimation to
the Accountant General
P. W. Department, in
accordance with his Circular
letter No 58. Dt of 22 January ult.

The Regular Estimate
of Charge as given in the
Statement referred to in
para 1 amounted to
Rs 10,92,270 under
Provincial Rs.
2,36,465 on account of
the Buckingham Canal.
If these figures have
since been modified,
please inform me of the
Amounts and the
Cause

cause of the modifi-
-cation.

The favor of an early
reply is requested.

Dec 4/2

Sd C.

w/up R Nov 6 Dec 6 4/2
5/11

Lo C.

Rupees 11,72,028 were
given as the estimated
charge for 1881-82 under
Provincial before the assign-
ment of Rs 13,10,608 was
actually made by the
Financial Department
in their memo No 55 dated
with Lo No 224 W of 27th
Jany 1881 and put up with
the head of the budget
estimate.

2. Rupees 20,000 must
be added to the regular

estimate under Provincial
being the amount sanc-
tioned in Lo. No 295 W
of 3rd February 1881 for the
purchase of the Nawab's
house at Masulipatam
for the residence of the
Collector.

Please do not delay
the budget any longer
as it has to reach
Calcutta on the 15 instant

R.S.
5/pr

Dy C.
5.2

182

Statement showing value of work executed in the Litho: Branch attached to P. W. Secretariat from April 1880.

Particulars.	Estimate for 1881-82. Per Mensem			Per Annum			Total.			Remarks.
Average value of work executed for other departments besides the P. W. Branch	459	12	3	5517	3	3				Average value of work executed for the P. W. Branch – Per mensem Rs 622. 8. 7 — Per annum 2590-2-4

Govt Litho: Departt:
3d January 1881.

W. B. Baldney
Superintendent

Supt Lillies' Pres.

Please fill in the blanks shown below. The figures being required for incorporation in next year's Budget. must go in to the Pres.

Particulars	Estimate for 1881-82.		
	Per mensem	Per annum	Total
× Contributions from other Depts for work done by the Lillies' Dept. attached to Pub. Secretariat	×	×	×

× Excepting one or two cases where bills might be sent in, no money being received in payment for work done for the Public Works Dept. but the value of it is transferred from one head to another in Estimates when required.

C.S.
C.A.W.
24-12-80.

Rds 24/12/80

S.L.8.

The Estimate is intended to include all Expenditure for next year - whether adjusted by Book entry or paid in Cash.

R.K.
27.12.

Provincial Services
Public Works Budget Estimate - Equipment of Madras.
Part III.

Madras.

Abstract of the probable increase or decrease in the suspense balances for 1880-81 and provided from the Ordinary Provincial Service Budget Estimate of the year—

	Stock	Stock Purchases and sales	Miscellaneous Advances	London Stores	London Invoices	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Actual Balance on 1st April 1880	603,847		52,504	6,551	12,341	739,727
Probable charges during 1880-81	322,902	353,150	322,600	3,444	494	1001,770
Total	1004,880	349,603	375,104	9,995	1,835	1740,497
Probable credits or issues including Sales and Cash receipts during 1880-81	323,092	242,240	333,956	9,995	1,835	910,918
Probable balance on 1st April 1881	681,788	107,363	41,148	-	-	829,579
Probable charges during 1881-82	521,477	293,861	674,348	33,748	27,931	1551,365
Total	1203,265	401,224	715,576	33,748	27,931	2381,744
Probable credits or issues including Sales and Cash receipts during 1881-82	494,710	238,342	609,293	33,748	27,931	1404,024
Probable balance on 31st March 1882	708,555	162,882	35,283	-	-	906,723
Results of operations of 1881-82, viz:—						
Increase	26,767	55,922	-	-	-	82,689
Decrease	-	-	5,945	-	-	5,945
Net	26,767	55,922	5,945	-	-	76,744

Madras
December 1880
22.12

No. 16 Train
Examined
Offg: Examiner of Pub. Accounts
21/12

Provincial
Budget
1881-82

Budget Statement

P. W. D.

No

I am underinjured to
the Government to solicit
instructions as to the Allo-
cation to be entered
in the Provincial Budget
for 1881-82 on account
of the Chinchona Buildings
on the Neilgherry Hills.

2. No estimate has yet
been sanctioned for this
work the estimate
submitted (amounting
to Rs 32,000) having been
returned for revision
in accordance with the
note of His Grace the
Duke of Buckingham

communicated with R. P.
Pro: No 1654 of yesterday.

3- As sum of Rs 32,500
has been entered in the
rough draft budget
an account of three
buildings, but as the
sum available for ex-
penditure is not Rs
(owing to the heavy
incidence of the estab-
-lishment charges) is less
than was expected, some
reduction will have
to be made, and when
these buildings are very
urgently required, it is
thought that they might
be omitted, or the

By current orders
Customs revised Tariff of duties Rs. CCs
and all other charges
in Nagpur Provincial
must be met from
25% charge Provincial
rate Town Duties
have to meet the
rest shown

contribution from funds
of the Provincial,
aggregating in Account
Rs 9,22,855 being
Salaries &c met from
Provincial & Rs 6,39,494-
The total Income in
Tools and Plant amounts
to Rs 1,65,567 of which
Rs 124,739 is met by
contributions, leaving Rs
40,828 &c met from
Provincial-
The increase accounts
shows a favourable increase
of Rs 76,149- due
mainly to the heads
of "Stock" and "Stock
Purchases and Sales"-

Recital charge [illegible]
Principal ordinary [illegible]
amounts to

Grain Rent ...	£ 20,333
Agistment ...	5,222
Establishment ...	6,364
Public Works ...	10,120
Surplus ...	20,000
	£ 63,039

[illegible] the amount stated
[illegible] Principal Charge
[illegible] & [illegible]
[illegible] the other
[illegible] Rents & arrears
[illegible] £ 10,500 -
[illegible] same under
[illegible] the Head [illegible] £ 20,000
[illegible] Surplus and the
[illegible] Public Works [illegible]
[illegible] amount [illegible]

[illegible]
[illegible]
[illegible]

[illegible]
[illegible]
[illegible]

[illegible]
[illegible]
[

GOVT. OF MADRAS. } 187 . { P. W. DEPT.

SECRETARY.

Fort St. George, 17th Jan 1881.

OFFICE NOTE.

To JL

Provincial Budget
for 1881/82 -

The works included in
the last budget proposed
before Christmas amounted
to a total of £13,234
exclusive of Steamer, Repairs
and equipment on account
of the Irrawaddy Flotilla
exclusive also of the
Pondicherry Canal -
since this date ...
proposed to the Secretary

OF 187

Necessary to provide
Rs 2000 for the road from
Cumbum to the foot of the
Ghat at Palaty, and
Rs 4000 for the Furlong
of Communication Road
at Salem; the repairs,
&c Provision be made
annually to defray reduced
amount to Rs 95,220,
leaving a Balance, or
Saving for Revenue of
Rs 4,48,334 —

The total budget
estimate for establish.
ment is Rs. 15,64,749,
against which there be
to set, according to
entered into down of
the Chief Assistant

C 13.1.84. C. 211.

what modifications can
be made in the above
Figures — 94

The Chief Assistant
Inspector, as established in
this note to reduce the
establishment Provision
by Rs 30,000, Tools
and Plant by Rs 10,000
and Furniture by
Rs 40,000 —

With regard to the
establishment it may
be observed that the
budget is prepared for
the full sanctioned rate
but that owing to the
cessation of Temporary
promotions between grades
we shall always have

an excess in the Lowest grade of each rank, and a deficiency in the upper grades -

Thus on the 1st of April next on Suitable Pointers will be as follows - excluding the Railway Branch

Executive Engineers Lieutenant-Colonel
1st grade - 6 — 4
2nd " - 7 — 5
3rd " - 7 — 6
4th " - 4 — 9
(or Standing)

The sum thus earned amounts to Rs 17,000 per annum, and there will be a similar sum, though not of the same amount, among Assistant Engineers and subordinates - I think that we may well reckon on a sum of Rs 10,000 on this

The savings will accumulate the amount has mounted as I believe Colchester Nagpur Vihowt and Cape Canal all taken from it -

account -

The charge interest for establishment under Irrigation and Navigation Provincial (i.e. the Buckingham Canal) is Rs 55,972 only, but as the estimate for works is Rs 2,65,000 the charge for establishment should not be less than Rs 60,000 -

Again the contributions from the special funds may in all cases be increased; works from these funds are constantly being sanctioned throughout the year, and in one case (the Educational Building Fund) it is likely

that moment it determine
points will be made — In
terms that all these items
may well be attended to
shown in pencil -

On the other hand it
would tend in
the abstract to
diminish charges in the
Budget Department thus
deducted. thus even
on account of Local
Funds, being taken
the abstract entered
in the establishment
budget after deduction
of these charges, and
then entered them again
in the list of contributions -
The true establishment
total is not Rs ~~16,23,266~~ 15,61,749

But Rs 16, 23, 266, that
and after correction
of the contributions as
above explained,
Inland chargeable to
Provincial must be
taken at Rs ~~16,23,266~~ 16,46,599 -

The contributions from
other funds on account
of "tools and plant" may
be slightly increased on
the same points as the
establishment charges
and the revenue of
Rs 27,962 may be struck
out, being the amount
Rs ~~27,962~~ 27,962
Be provided
instead of Rs 40,828 -

The assistant account
as it stands is unintelligible,
The most eminent writers
have recommended the inserted
within regard to the mean-
facture of stock, and
therefore one more method:
which will be found simple
the most sure, & the
cheapest of large quantities.
Letters which have been
accumulating for years
past —

I am sitting at the
Cost of undertaking by
an increase of Rs 75,000
Would be collected under
this head — and
consider that the
Servants would be
reduced to Rs 20,000

Why not state it at
the outset? Then
should certainly be
no increase
Rs (illegible) — 21-12

at the outside —

The amount of future
alterations is an increase
in the establishment
charges of Rs 7,105
and a decrease under
stores and plant of
Rs 12,896, and under
ammunition of Rs 56,144 —
being a total decrease of
Rs 61,905
Rs 61,270 —

This sum added to
the revenue carried
by the original dis-
tribution (Rs 10,500)
gives a revenue of
Rs 72,405
Rs 71,850 —

Among the entries in
Part I of the budget
is one of Rs 32,700 for

Chief Commissioner -

It is then in question whether this item should stand as it is, or whether it should be reduced to Rs 20,000 in which case it will give us a revenue of Rs ~~34,555~~ 105,185; if omitted altogether, it will give us Rs ~~14,555~~ 105,185 —

The Chief Commissioner

Canal is separated from the Indus by a broad valley in some places 4 miles in breadth; concerning this item remark is required except that the establishment charge is increased from Rs 55,972-5 to Rs 55,000 Provision for new works should be reduced from Rs 175,000 to Rs 165,972-5

Notwithstanding that the part made of the Financial Statement is considerably greater than was expected when the ~~draft~~ rough budget was prepared, the total result is less satisfactory -

This Income is one

the common charge
for establishment, since
the recent action of
the Government of India
has not occasioned
in this note to
enter upon any argument
upon this subject, but
it may be as well to
give in a few figures
the effect upon Provincial
funds of this action.

The total cost of the
establishment is
Rs 16,12,200, and
deducting the contribution
(amounting in all to
Rs 2,54,432) from funds
other than Provincial or
Irrigation the balance of

allowing for a saving
of Rs 10,000 -

The remainder of
the note the Buckingham
Canal is considered as
included under Provincial

Imperial Building	28,500
Revenue	18,000
Irrigation	5,000
Port Trust	15,000
Forest	5,000
Civil Works	6,000

Gen. The amount provided
debit this head would
would be necessary if such
a petition were sent up for
works, new or repairs - It
is not a charge for supervision
at all.

the charges between other
the funds is Rs 13,50,000
of this sum Rs 1,49,300
being the cost of the
Irrigation establishments, does not
enter into the calculation
being a source of revenue
charge -

If the balance of
Rs 12,09,524 were
divided between the
two heads in proportion to
the expenditure under
each, the charge to
Irrigation would be
about Rs 7,14,000 and
to Provincial about
Rs 5,09,000, being at
the rate of 45 per cent

in each case on the
expenditure on works -

If the charge were divided
in accordance with the
number of shares under
each head, the charge
to Irrigation would be
Rs. 8,46,667 and
to Provincial Rs 3,62,
857, being about 63
(work)
per cent to the former
and 32 to the latter -

If divided in accor-
dance with the principle
laid down in C.O. No
265 M. J. of February
1880, the charge to
Irrigation would be
about 7,80,000
Rs ~~8,20,000~~ and to
Provincial Rs 4,29,000
~~3,11,000~~ -

14 : 6

C. 13.1.84.

This should now
be altered to 25%, the
mid-recommended
rate 5%

The actual charge to
Irrigation is Rs 4,97,925
or about 6.29 per cent
upon the expenditure
on works, while that
to Provincial is Rs
7,11,599 or about
83 per cent on the
works expenditure -

But briefly the case
is that Provincial
funds are charged, at the
lowest computation, a
sum of Rs 2,09,000 for establish-
ment employed on
Irrigation works -

It must also be
borne in mind that
Imperial Military and
other services, Local

and Special case are charged with 25 per cent on account of establishment, the actual cost all round being about 38 per cent; — this shows an additional charge, in round numbers, of Rs 1,25,000 on Provincial Funds — over and above State Items, would there be if the establishment charges were distributed in proportion to the actual expenditure —

45 ? × 2½; 38 is correct;
45 is for Imperial and Provincial together, Imperial Local and Special being only 25 — If the three latter are
259.000 their proportion is
125000
334.000 proportion is
would be 38 per cent all round —

D 19/1

actual all round cost of 38 per cent, and 25 per cent of Imperial and Local or 25 per cent of Irrigation —

It cannot be questioned that the principle laid down in Paras. 17, 18 and 21 of J.O. No 265 M.I., of February last is the proper one, except that the percentage to be charged in work executed on account of Heads other than that of which the Division concerned belongs should be thirty five and not twenty five per cent —

If however the Government agreed

I think ~~Mr Latham~~ Mr Jones address to the Government principle of a fixed percentage for Irrigation and Drainage, it is the simplest that that percentage should be fixed at not less than five per cent. This percentage should be exclusive of the Irrigation Conservancy and Irrigation establishments, but inclusive of the cost of the Chief Engineer for Irrigation and his establishment; the former are not engineering charges at all, and would have to be incurred if there were not a penny of expenditure upon works;

agreed

I think it would be advantageous if that allowance were charged in the Land Auditor's Revenue Accounts to Irrigation & Drainage Establishment - this if carried would remove with the 35% & odd that is included after Irrigation is added.

agreed

the latter is an engineering charge and if a fixed percentage be adopted as all this item should be covered for it as much as any other - In all the above calculations contained in this note this item has been considered as part of the Government establishment charges - It is simplest that the Government of India should be asked to sanction one or other of the above methods of calculating establishment charges for 1880/81 as well as for 1881/82, and as the Irrigation and other

services have been fixed
on the assessment that
the Town charge of 25
per cent would yield
£12, the sum available
for works would be
reduced by ~~about one~~ $\frac{10}{135} = \frac{2}{27}$
~~twelfth~~ of the increase
35 per cent; it is thought
that Parliament would
be asked to increase the
total grants in the
proportion of 135 to 125,
so as to leave the sum
as before available expenditure
on works.

D

Appendix D

Estimated Account of Receipts and Charges of the Buildings and Roads Branch P.W.D. Madras for the years 1880-81 and 1881-82.

Accounts	Budget Estimate	Revised Estimate
To Balance at commencement of year	1880-81 83302	
Civil Department —		
Credit Orders	6,00,000	6,22,990
Provincial Service Receipts	13,500	13,000
Local Fund Receipts		
Subscriptions to Service Funds	1000	1118
—do— to General Family Pension Fund	20	91
Payments for Land for Public Works	5,000	2,845
Supplies from Forest Department	2,000	3,695
Grain Exchange	9,000	7,120
Guaranteed Railways		
Transfers Miscellaneous	1,500	1,502
Military Department —		
Madras	500	200
Bombay		
Bengal	600	8
Telegraph Department	500	60
Transfer of the Public Works Department	1,65,000	1,65,000
London Account —		
Store	2,00,000	2,60,000
Miscellaneous	12,000	500
Imperial Revenue Receipts from Military Fund	2,000	1,000
—do— do— Other Sources	2,000	2,000
Suspense Accounts		
Deposits Ordinary	30,000	30,000
—do— Contributions	600	6,436
Cheques Payable	6,00,000	6,22,990
Barrack Supplies		
	17,55,594	17,99,225

Account	Budget Estimate	Revised Estimate
By Civil Department —		
Provincial Service Expenditure	11,70,028	10,92,270
Local Fund Expenditure	3,06,637	2,86,437
Payments into Treasury	50,000	40,390
Other Public Works Revenue realized in Civil Department	6,000	12,260
Miscellaneous Receipts of Public Works — do — do	11,000	1,102
Expenditure against local loans		
Contributions in aid of Public Works	500	5,060
Guaranteed Railways		
Transfers Miscellaneous	30,000	25,450
Military Department —		
Madras	6,5,000	97,882
Bombay		
Bengal	200	174
Telegraph Department	40	
Transfer of the Public Works Department	1,65,000	1,65,000
Net Expenditure in India against the Imperial Budget		
Grant for Public Works	4,50,000	5,04,451
—do— do— do— Other Services	2,30,000	2,02,436
Imperial Capital Advances and other Public Works Loans		
Madras Works	3,22,4	15,4,230
Suspense Accounts		
Deposit Ordinary	2,00,000	1,92,458
Contributions	11,500	11,568
Cheques Payable	6,00,000	6,22,990
Barrack Supplies		
	17,50,511	17,60,132
Balance	5,083	39,093
	17,55,594	17,99,225

Madras
January 1881

S. B. Saul
Chief Engr. P.W.D.
Offg Examiner P.W. Accts.

27 I 81

27 JAN 81

GOVT. OF MADRAS. } 1881. { P. W. DEPT.

SECRETARY.

Chepauk, 26th January 1881.

No. 90 K. OFFICE NOTE.

To

C.

The proof of appendix D to the Financial Budget for 1881-82 is herewith sent for check and return.

Sgd: W.

Ch.
13/1/81 Indd 2
21/1/81

TO D.

CHECKED AND HEREWITH RETURNED.

Sgd
24/1
OFFG. C.

12 JAN 81

No. 147 K.

GOVT. OF MADRAS. } 1881. { P. W. DEPT.

SECRETARY.

Chepauk 11th January 1881.

OFFICE NOTE.

To

C.

Please to return the proof of appendix D to the Financial Budget for 1881-82 transmitted to you with the proof of the Financial Budget for 1881-82, marked and mean that the actuals entered to the end of 1879-80 and original entries on the Buckingham Canal Co. which have been left in check in the Accountant General's office returned.

Sgd: K.

K.

No. 1090

17/2/81

TO W.

THE PROOF G.O. WAS SENT AS AN ENCLOSURE TO A REFERENCE MADE BY THIS OFFICE TO THE ACCOUNTANT GENERAL P.W. DEPARTMENT. PLEASE THEREFORE OBTAIN ANOTHER FROM THE PRESS.

2. AS REGARDS THE OUTLAY UNDER 'ORIGINAL WORKS' ON THE BUCKINGHAM CANAL, RS.25,98,064/ MAY BE ENTERED IN THE BUDGET AS THE EXPENDITURE TO END OF 1879-80.

Dep. 12/2

O&PG.C.

Provincial Services

Public Works Budget Estimate. Government of Madras

Madras

No 11 1 81 ENC

Part III

Detail of the Budget Estimate for Establishment under Provincial Services in Madras for 1881-82.

Number 1880-81	1881-82	Cost Centers	Salary of Office	Estimate for 1881-82 Rs Per Mensem	Rs Per Annum	Total	Estimated Establishment for 1880-81
		Executive Branch					
		Engineer Establishment					
		Chief Engineers					
1	1	Chief Engineer 1st Class and Secretary to Government General and Buildings & Roads Branch	2500				
		Add Military Pay Rupees of a Colonel 3E	20 1/3	243			
		Chief Engineer 2nd Class and Joint Secretary to Government [illegible]	2000				
		Add Military Pay Rupees of a Colonel RE	20 1/3	243			
2		Total Chief Engineers		5243	61476		61476
		Superintending Engineers					
2	2	Superintending Engineer 1st Class	1600	3200			
1	1	——— B ——— 2nd Class	1350	1350			
1	1	——— D ——— 3rd Class	1100	1100			
		Difference between the aggregate of Staff pay and Military pay and allowances and the Consolidated Salary of a Lieutenant Colonel RE (Superintending Engineer 1st Class)	20 1/3	202			
		Add Military Pay Rupees of a Lieutenant Colonel RE (Superintending Engineer 1st Class)	24 1/2	244			
		Difference between the aggregate of Staff pay and Military pay and allowances and the Consolidated Salary of a Lieutenant Colonel RE (Superintending Engineer 2nd Class)	20 1/3	202			
		Difference between the aggregate of Staff pay and Military pay and allowances and the Consolidated Salary of a Major RE. (Superintending Engineer 3rd Class	24 1/2	241			
4	4	Total Superintending Engineers		6739	80868		75852
6	6	Engineer Establishment — Carried over			142164		137148

		Carried forward		142164	137440
		Executive Engineers			
		1 Executive Engineer 1st Grade	600	600	
		5 " 2d Grade	480	2400	
		8 " 3d Grade	400	3200	
		4 " 4th Grade	300	1200	
		Difference between the pay of the Executive Architect (Chief Engr. Electricity) and that of an Executive Engineer 1st Grade	250	250	
		Difference between the aggregate of Staff pay and Military pay and allowances and the consolidated salary of a Superintending Executive Engineer 1st Grade	2900	1600	
		Difference between the aggregate of Staff pay and full Military pay and Allowances of two Captains RE. Executive Engineers 2d Grade	1350	360	
		Net Military Pay Roper of two Captains RE. Executive Engineers 3d Grade	140	280	
		Difference between the aggregate of Staff pay and Military pay and allowances of a Captain RE.	489	184	
		Net Military Pay Roper of 3 Lieutenants RE. Executive Engineers 4th Grade	70	210	
24	24	Total Executive Engineers		2484	
30	30	Engineer Establishment Carried over		144648	137440

* Government of India No 1910 E. dated 1st November 1880 to the Government of Bengal printed with G.O. No 2944 E. dated 2d December 1880

30	Engineer Establishment Brought forward		112162		13[illegible]40
	Executive Engineer Brought forward		29405		
	Retired receipts of pay and allowances of Lieutenant RE (Lieutenant R.E. Goodwin RE) Chargeable to Public Works				
	Net Total Executive Engineers		29030	29030	28800
	Assistant Engineers				
22 22	Assistant Engineers 1st Class		200	4000	
22 16	2nd Class		1600		
	3rd Class		1200		
	4th Class		800		
	3 Supernumerary Assistant Engineers 2nd Class		450	1350	
	Less for Assistant Engineers Retired				
36 36	Total Assistant Engineers		16384	19644	16500
	Lieutenants RE. Assistant Engineers 1st Grade	1st			
	Difference between the consolidated Salary and the staff pay and Military allowances of three Lieutenants RE	65¾	197		
66 66	Grand Total Engineer Establishment			57964	52972

Officer Subordinate Establishment

Sub Engineers

2	Sub Engineers 1st Grade	400	2,000		
2	" 2d Grade	300	1200		
6	" 3d Grade	250	2250		
	Difference between the pay of Sub Engineer 3d and last of the Lieutenants carrying Colours	50	50		
	Sub Lieut Commissary on receipt of Quarters				
	Salary of an Assistant Engineer 1st Grade				
	Table pay of a Captain and Deputy Commissary on receipt of pay and allowances of an Officer Subordinate	150	150		
12	Total Sub Engineers		6,650	6,100	6,600

Surveyors

2	Surveyors 1st Grade	200	2,000		
11	" 2d Grade	150	1,900		
	Table pay and allowances of 2 Conductors	20	40		
	" " of 6 Sub Conductors	30	180		
19	Total Surveyors		6,320	5,280	6,440

Draftsmen

10	Draftsmen 1st Grade	100	3,200		
11	" 2d Grade	80	2,560		
11	" 3d Grade	60	2,520		
	Table pay and allowances of Sub Draftsmen 1st Grade	55	60		
	Table pay and allowances of 4 Assistants	about 54	756		
	Total Draftsmen		9,101	10,212	9,120
	Additional Allowances for Officers Subordinate	30	1,540	640	3,600
	Total Officers Subordinates			25,332	21,960

	Upper Subordinate Establishment Brought forward				214 60
2	Deductions of the Sub Assistant 2d Grade chargeable to Medicines	2 0	2 0	80 00	
	Net total Upper Subordinate			402 332	214 60

Lower Subordinate Establishment

5	Sub Serangs 1st Grade	60	300		
20	——— 2d Grade	20	400		
	Total Lower Subordinate	600	700	700	

Petty Establishment

20	Store keepers			455	
	4 Divisions at R. 30 — 120				
	6 First Class Divisions at 25 — 150				
	7 Second — . — at 20 — 140				
	2 Third — . — at 15 — 30				
	1 Sub Division — at 15 — 15				
	Total R. 455				
1	Assistant Apothecary	62½	62½		
4	Hospital Assistants with Serjeants Allowance one at R. 25 per annum	25. 40 60	175		
	1 @ 60 — 60				
	1 @ 40 — 40				
	2 @ 25 — 50				
	Serjeants Allowance 25				
	175				
11	Lascars, Cotis, Cooks &c of the Medical Establishment	26 7	44½		
	1 at 7 — 7				
	3 at 6 — 18				
	1 at 4 — 4				
	1 at 3½ — 3½				
	4 at 2½ — 10				
	1 at 2 — 2				
	11 — 44½				
36	Carried over			737	

		Office Establishment Brought forward		1254			
	10	Clerks	6	2460			
	1	Accountant	5	5			
	1	Messenger	40	40			
		Total Office Establishment		3242	29104	29104	29100
		Chief Engineer and Secretary & Accountant to the Department					
1	1	Chief Assistant	600	600			
1	1	Clerk	300	300			
1	1	Clerk 1st Class 1st Grade	225	225			
2	2	Clerks 1st Class 2d Grade	200	200			
1	1	Clerk 2d Class 3d Grade	110	110			
5	5	Clerks 3d Class 1st Grade	90	300			
5	5	" " 2d Grade	50	250			
1	1	" " 1st Class 1st Grade	45	45			
2	2	" " " 2d Grade	35	70			
1	1	" " 3d Class 3d Grade	25	25			
				2190			
2	2	Draughtsmen 1st Class	60	120			
1	1	" 2d Class	42½	42½			
				162½			
2	2	Tracers or Copyists	13½	27			
2	2	Head Messengers	9½	20			
1	1	Messengers	1	49			
				96			
32	32	Total Public Works Secretariat		2428½	29142		29100
		Lithographic Establishment					
1	1	Superintendent	250	250			
1	1	Head Draughtsman	120	120			
2	2	Office Establishment Carried over		370	29142		29100
32	32						

6	6	28		8	48		
2	2	24		1	14		
1	1	20		5	10		
22	1		Gold watch & chain & pencil	225	31 100		9100

The following named persons are returned as Electors of Representatives for Augusta District.

1		Clerk	4th Class	Thomas	225	225	0 50 88 2 1/2
2	1		1st Class	Thomas	110	110	and Thomas 1820
1	1		2d	Thomas	110	110	
"	1		1st Class	Thomas	90	90	
1	1		2d	Thomas	70	70	
1	1		2d	Thomas	65	65	
"	2		1st Class	Thomas	45	90	
3	3		2d	Thomas	35	105	
4	1		3d	Thomas	25	25	
11	22			Carried over		910	
60	60			Ellis Gaillard Amount Carried over		10242	92100

						20102	14
60 60	Office Establishment brought forward			40242		92100	15
1 12	Chief Engineer for Navigation Office Establishment (continued)		240				
2 1	Draughtsmen 1st Class		60	60			
2 2	" " 2d Class		42½	85			
2	" " 3d Class		25	50			
3 1	Reference porter		10	10			
1	Bailiff		10	10			
1	Messenger		8	8			
2	Sweepers		5	10			
1 2	Do		6	12			
3 3	Do		7	21			
	Total Establishment for Chief Engineer for Navigation		440	14160		92100	

Office Establishment for 3 Superintendents Engineers as follows viz.

	1 Clerk 2d Class 2d Grade		50				
	1 " 3d Class 2d Grade		40				
	1 " 3d Class 1st Grade		45				
	1 " 3d Class 2d Grade		35				
	2 Clerks 3d Class 2d Grade @ £40 each		80				
	1 Draughtsman 1st Class		60				
	1 " 2d Class		42½				
	1 Messenger		8				
	3 Messengers at £16		48				
	Total for each Office	430½	430½	1315½	15786		14886

for 2 Superintendents of Works (Gorhanie and Vistra) as follows:—

	1 Clerk 3d Class 2d Grade		40				
	1 " 3d Class 1st Grade		45				
			85				
115 123	Office Establishment Carried over				30184		5242

15 12		Office Establishment Bengal formed			70150		53212	17
		115						
	2	Clerk 1st Class 2d Grade — 95				—	—	
		2 Clerk 2d Class 2d Grade — 70						
	1	Draughtsman 1st Class — 60						
	1	— — 3d Class — 25						
	1	Messenger — 7						
	1	— do — 6						
16 12		Total French Office — 298	298	596	7152		6552	
		Office Establishment for the Collection of Stock Customs &c &c Calcutta						
	1	Clerk 2d Class 2d Grade — 70						
	1	— — 3d Class 2d Grade — 45						
	2	— — 3d Class 2d Grade 3 — 70						
	3	— — 3d Class 3d Grade 3 — 75						
	2	— — Extra 3d Class 3d Grade 3 — 50						
	1	Draughtsman 1st Class — 60						
	1	— do — 2d Class — 45						
	3	— do — 3d Class — 75						
	1	Messenger — 7						
	1	— do — 6						
8 16		Total — 485½	485½	485½	5826		3276	
		Office Establishment for Superintendent of Works, Rockingham Canal as follows:						
	1	Clerk 3d Class 2d Grade — 70						
	1	— — 2d — 1st Grade — 45						
	1	— — 2d — 2d Grade — 35						
	2	— — 3d — 3d Grade at 25 — 50						
	1	Draftsman 1st Class — 60						
	1	— — 3d Class — 25						
	1	Messenger — 7						
	1	— do — 6						
8 9		290						
			290	290	3576		3276	
		Office Establishment for Godavari Eastern & Krishna Eastern Division as follows: —						
	1	Clerk 3d Class 2d Grade — 70						
	1	— 2d — 1st Grade — 45						
	1	— 2d — 2d Grade — 35						
	3	— 2d — 3d Grade at 25 — 75						
	1	Draughtsman 1st Class — 60						
	1	— do — 3d Class — 25						
	1	Messenger — 7						
	1	— do — 6						
16 20		Total French Office — 323	323	646	7752		6552	
		Office Establishment for 5 1st Class Divisions as follows: — Godavari Eastern Division / Krishna do / South Arcot do / Salem Division / Tinnevelly do }						
163 186		Carried over			94494		77898	

	Brought forward			94.494		44.690
	1 Clerk II Class 2d Grade — 70					
	1 . II . 1st Grade — 45					
	1 . II . 2d Grade — 35					
	2 . II . 3d Grade at 25 — 50					
	1 Draughtsman 1st Class — 60					
	1 — 2d — 2d Class — 25					
	1 Messenger — 4					
	1 — do — 6					
3 10	Total for each Office — 290	298	1490	17880		16380
	Office Establishment for 8 2d Class Divisions					
1 64	as per scale laid down in Appendix C.N.6	253	2024	24288		24288
	to G.O. No 36/4 B dated 10th September/42.					
	— B — for 2. 3d Class Divisions as per scale					
16 16	laid down in Appendix C.N.7 to	220½	441	5292		5292
	G.O. No 36/4 B. dated 10th September/42.					
	— C — for Consulting Architect as per					
	particulars below —					
	1 Clerk IIIrd Class 1st Grade 45					
	1 Draughtsman & Estimator 145					
	1 — do — 2d Class — 42½					
	1 — do — 3d Class — 25					
	1 Messenger — 4					
	1 — do — 6					
6 6		270½	270½	270½	3246	3036
	— D — for Public Works Stores as follows —					
	1 Clerk II Class II Grade — 40					
	1 . III . II . — 30					
	1 . III . I . — 35					
	1 . III . III . — 25					
	1 Messenger — 8					
	2 Messengers at 7 — 14					
	2 — do — at 6½ — 13					
9 9	Total 305	305	305	3660		3664
	— E — for 40 sub-Divisional Offices as follows —					
	1 Clerk 1st Class III. Grade — 25					
78 80	1 Messenger — 6	31	1240	14880		14505
	Total 31					
	— F — for 55 detatched Offices as follows —					
40 55	1 Clerk IIIrd Class III Grade 25	25	1375	16500		1200
	— G — for 106 Overseers as follows: —					
106	1 Clerk I Class I Grade 17½	17½	1855	22260		
	Total Establishment for the Upkeep of					
	Cooksingham Canal —	761	761	9132		
72 72	Total Office Establishment —				21632	152266
488 639						

Note. No personal allowances have been provided for, as the new pay entered will it is believed, cover charges on account of such allowances.

Irrigation Establishment				
[illegible] Establishment			15,000	15,000
[illegible] Irrigation			91,646	84,030
[illegible] Secretary			29,544	28,969
			3120	2,568
Special Revenue Investigation by Mr. Wilson				
Office Establishment required for the Superintendence of Irrigation Accounts vide G.O. No. 445 A. dated 6th August 1879			10,000	13,000
Total Irrigation Establishment			149,310	142,567

Temporary Establishment			25,000	25,000
Local Allowances				
Officer-in-charge allowance	50	600		
Guard allowance		2,000		
Clerks, Store Keepers, Peons Allowance @ 33 per cent on pay		3000		
Residency House rent	555	6,660		
Residency Allowances	60	1200		
			19,460	10,000
Total Local Allowances				
Total Salaries			129,406	1,05,113
Travelling Allowances			16,000	10,000
Carried over			145,406	1,15,113

Brought forward			14,47,206	12,15,113
Contingencies including of postage)				
3 Superintending Engineers Offices				
4 Superintendent of Works Offices				
18 Divisional Offices				
25 at Rs 100 per mensem each		2500	30,000	
Two Chief Engineers Offices				
1 Secretary to Government @ Rs. 300				
1 Chief Engineer for Irrigation — 350				
	650			
		650	7800	
			37,800	40,200
Grand Total Executive Branch			14,85,206	12,55,313

24

Abstract of the foregoing

Engineer Establishment	579648	529572
Upper Subordinate Establishment	256332	216760
Lower Subordinate Establishment	7200	—
Petty Establishment	38904	25920
Office Establishment	21632	15226
Irrigation Establishment	49310	43595
Temporary Establishment	25000	25000
Local Allowances	9460	10000
Total Salaries	1287486	1105113
Travelling Allowances	160000	110000
Contingencies	37800	40200
Grand Total Executive Branch	1485286	1255313

Accounts Branch

Examiner Establishment

1	1	Examiner 1st Class 2nd Grade	1350	1350	
		Difference between the staff pay and military pay and allowances and the rank and pay of a Major RE	40/-	40/-	
				1390/-	
2	2	Deputy Examiners 1st Grade	550	1100	
		Difference between the pay and allowances of a staff corps officer and that of a Civilian	50	50	
3	3	Total Examiner Establishment		2540/-	30490	32190

1	1	Accountant 1st Grade	400	400		
3	3	" " 2d Grade	295	885		
4	4	" " 3d Grade	200	800		
10	10	" " 4th Grade	115	1150		
34	34	" " 5th Grade	57/6	1955		
52	52	Total Accountants		5190	62280	62280

Office Establishment

1	1	Clerk IIth Class IIth Grade	140	140		
1	1	" III " I st Grade	90	90		
1	1	" III " II d Grade	70	70		
3	3	" III " III d Grade	55	165		
5	5	" IV " I st Grade	45	225		
6	6	" IV " II d Grade	35	210		
		Office Establishment carried on		900		
		Account Establishment carried on			93770	94470

Account Establishment Brought forward			92,790		94,490
Office Establishment Carried over		900			
Clerks IV. Class 1st Grade	25	250			
" I. " I. Grade	17½	52½			
		1202½			
Menial Servants		102½			
Total Office Establishment		1305	15,660		15,660
Local Allowances					
Pensions & Gratuities Annual		685			
" Allowances		1035	10,960		10,900
		1720			
Total Salaries				12,790	120,130
Travelling Allowances				2,400	2,400
Contingencies				2,530	2,530
Grand Total Permanent				134,290	137,030
Deduct contributions for Accountant as follows—					
Madras Pilot Service — 1					
Bombay Marine — 1					
Dockyard — 1					
Central Office — 3 — 1					
Total — 6				5910	5910
Net Total Permanent				128,380	131,120
Temporary Office Establishment for the preparation of the Capital and Income Accounts of Bengal Note vide Min. Office Letter Dd 1st Feb and previous		800	9600	9,600	9,600
Establishment				137,980	139,720
Total Financial Account Charges					

P.T.O.

2.

Abstract.

Executive Branch	1405256		1255313
Accounts Branch	197900		180920
Grand Total	1603256	1603256	1436233
Deduct Amount of Contributions from other Departments for work done by the Lithographic Department attached to the P.W. Constructional Estimates — Be — from Local Funds	56000	56000	
Net Grand Total Public Works Department			

Shadrad
25th December, 1880.

D.H. Scott - Major RE
Offg. Examiner P.W. Accounts.
Audited 27/12.

a This amount has been arrived at by taking double the actuals for the first six months of the current year

Proofs for approval 8th January 81

11 1 81
ENG

MADRAS.

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

GOVERNMENT OF MADRAS.

PART III.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT UNDER PROVINCIAL SERVICES IN MADRAS FOR 1881-82.

Number. 1880-81	Number. 1881-82	Particulars.	Salary of Office.	Estimate for 1881-82. Per Mensem.	Per Annum.	Total.	Estimate for 1880-81.
		EXECUTIVE BRANCH.	Rs.	Rs.	Rs.	Rs.	Rs.
		ENGINEER ESTABLISHMENT.					
		Chief Engineers.					
1	1	Chief Engineer, 1st Class, and Secretary to Government, General and Buildings and Roads Branches.	2,500				
		Net Military pay proper of a Colonel, R.E.	304⅔				
			2,000	2,804			
1	1	Chief Engineer, 2nd Class, and Joint-Secretary to Government, Irrigation Branch.	304⅔				
		Net Military pay proper of a Colonel, R.E.		2,304			
			...	5,108	61,296		61,296
2	2	Total, Chief Engineers ...					
		Superintending Engineers.					
		Superintending Engineers, 1st Class:	1,600	3,200			
2	2	Do. do. 2nd ,,	1,350	1,350			
1	1	Do. do. 3rd ,,	1,100	1,100			
1	1	Difference between the aggregate of Staff pay and Military pay and allowances and the consolidated salary of a Lieutenant-Colonel, R.E., (Superintending Engineer, 1st Class.)	202½	202			
		Net Military pay proper of a Lieutenant-Colonel, R.E., (Superintending Engineer, 1st Class).	243½	244			
		Difference between the aggregate of Staff pay and Military pay and allowances and the consolidated salary of a Lieutenant-Colonel, R.E., (Superintending Engineer, 2nd Class.)	402½	402			
		Difference between the aggregate of Staff pay and Military pay and allowances and the consolidated salary of a Major, R.E., (Superintending Engineer, 3rd Class.)	240⅞	241			
			...	6,739	80,868		75,852
4	4	Total, Superintending Engineers ...					
		Executive Engineers.					
5	6	Executive Engineers, 1st Grade ...	950	5,700			
6	7	Do. do. 2nd ,, ...	800	5,600			
11	13	Carried over ...					
6	6						

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE. **MADRAS.**

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1880-81.	Number. 1881-82.	Particulars.	Salary of Office.	Estimate for 1881-82. Per Mensem.	Per Annum.	Total.	Estimate for 1880-81.
6	6		Rs.	Rs.	Rs.	Rs.	Rs.
11	13	Brought forward ...	---	11,300	142		137
		EXECUTIVE BRANCH—*cont.*					
		ENGINEER ESTABLISHMENT—*cont.*					
		Executive Engineers—cont.					
6	7	Executive Engineers, 3rd Grade ...	650	4,550			
7	4	Do. do. 4th	550	2,200			
		Difference between the pay of the Consulting Architect (Mr. R. F. Chisholm) and that of an Executive Engineer, 1st Grade.	250	250			
		Difference between the aggregate of Staff pay and Military pay and allowances and the consolidated salary of four Majors, R.E., (Executive Engineers, 1st Grade.)	290⅔	1,164			
		Difference between the aggregate of Staff pay and full Military pay and allowances of two Captains, R.E., (Executive Engineers, 2nd Grade.)	133⅓	267			
		Net Military pay proper of two Captains, R.E., (Executive Engineers, 3rd Grade.)	140	280			
		Difference between the aggregate of Staff pay and Military pay and allowances of a Captain, R.E.	183⅓	184			
		Net Military pay proper of three Lieutenants, R.E., (Executive Engineers, 4th Grade.)	70	210			
24	24*	Total, Executive Engineers ...	...	20,405			
		Deduct moiety of pay and allowances of a Lieutenant, R.E., (Lieutenant W. L. C. Baddeley, R.E.) chargeable to Public Works Workshops.	...	—335			
7	7	Net Total, Executive Engineers ...	...	20,070	2,40,840		2,26,524
		Assistant Engineers.					
12	20	Assistant Engineers, 1st Grade ...	450	9,000			
24	16	Do. do. 2nd and 3rd Grades.	350 & 250	...			
		Fourteen Assistant Engineers, 2nd Grade, at ... Rs. 350	...	5,400			
		Two Assistant Engineers, 3rd Grade, at ... ... Rs. 250					
36	36						
54	54	Carried over ..	..	14,400	83,004	—	3,63,672

* Government of India No. 1,918 G., dated 4th November 1880, to the Government of Madras, printed with G.O., No. 2,781 W., dated 2nd December 1880.

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1880-81.	Number. 1881-82.	Particulars.	Salary of Office.	Estimate for 1881-82. Per Mensem.	Per Annum.	Total.	Estimate for 1880-81.
30	30		Rs.	Rs.	Rs.	Rs.	Rs.
36	36	Brought forward ...	...	14400	36804	...	33673
		EXECUTIVE BRANCH—*cont.*					
		ENGINEER ESTABLISHMENT—*cont.*					
		Assistant Engineers—cont.					
		Three Supernumerary Assistant Engineers, 2nd Grade.	350	1,050			
		Pay of one Assistant Engineer, 2nd Grade, and one 3rd Grade in excess of the sanctioned scale.	350 & 250	600			
		Net Military pay proper of two Lieutenants, R.E. (Assistant Engineers, 1st Grade)	70	140			
		Difference between the consolidated Salary and the Staff pay and Military pay and allowances of three Lieutenants, R.E.	65⅔	197			
36	36	Total, Assistant Engineers ...	...	16,387	1,96,644		1,65,900
66	66	Grand Total, Engineer Establishment.	...	...	...	5,79,648	5,29,572
		UPPER SUBORDINATE ESTABLISHMENT.					
		Sub-Engineers.					
4	5	Sub-Engineers, 1st Grade	400	2,000			
4	4	Do. 2nd ,, ...	300	1,200			
6	9	Do. 3rd ,, ...	250	2,250			
		Difference between the pay of Sub-Engineer, 1st Grade, and that of a Lieutenant and Deputy Assistant Commissary on receipt of consolidated salary of an Assistant Engineer, 1st Grade.	50	50			
		Extra pay of a Captain and Deputy Commissary on receipt of pay and allowances of an Upper Subordinate.	150	150			
14	18	Total, Sub-Engineers ...	...	5,650	67,800		51,600
		Supervisors.					
12	14	Supervisors, 1st Grade	200	2,800			
18	22	Do. 2nd ,, ...	150	3,300			
		Carried over ...	...	[illegible]	[illegible]	[illegible]	[illegible]

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1880-81.	Number. 1881-82.	Particulars.	Salary of Office.	Estimate for 1881-82. Per Mensem.	Per Annum.	Total.	Estimate for 1880-81.
14	18		Rs.	Rs.	Rs.	Rs.	Rs.
30	36	Brought forward	---	6,100	57,800	63,900	57,120
		EXECUTIVE BRANCH—*cont.*					
		UPPER SUBORDINATE ESTABLISHMENT—*cont.*					
		Supervisors—cont.					
		Military pay and allowances of two Conductors.	20	40			
		Do. do. of six Sub-Conductors.	30	180			
30	36	Total, Supervisors ...	...	6,320	75,840	———	64,440
		Overseers.					
30	32	Overseers, 1st Grade	100	3,200			
30	32	Do. 2nd ,, ...	80	2,560			
40	42	Do. 3rd ,, ...	60	2,520			
		Extra pay and allowances of a Sub-Conductor, Overseer 1st Grade.		65			
		Military pay and allowances of 14 Serjeants.	About 54	756			
100	106	Total, Overseers ...	...	9,101	1,09,212	———	99,120
		Sub-Divisional allowance for 18 Upper Subordinates.	30	540	6,480	———	3,600
144	160	Total, Upper Subordinates ...	...	...	2,59,332	———	2,18,760
		Deduct pay of a Sub-Engineer, 3rd Grade, chargeable to Workshops.	250	250	3,000		
		Net Total, Upper Subordinates ...	...	...	2,56,332	2,56,332	2,18,760
		LOWER SUBORDINATE ESTABLISHMENT.					
...	5	Sub-Overseers, 1st Grade	60	300			
...	15	Do. 3rd ,, ...	20	300			
		Total, Lower Subordinates ...	...	600	7,200	7,200	
	20	Carried over ...					

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1880-81.	Number. 1881-82.	Particulars.	Salary of Office.	Estimate for 1881-82. Per Mensem.	Per Annum.	Total.	Estimate for 1880-81.
			Rs.	Rs.	Rs.	Rs.	Rs.
		Brought forward ...	...	...	...	434 10	...
		EXECUTIVE BRANCH—*cont.*					
		Petty Establishment.					
	20	Store-keepers...	15, 20, 25, and 30				
		4 Divisions, at Rs. 30 ... 120		455			
		6 First Class Divisions, at Rs. 25 150					
		7 Second Class Divisions, at Rs. 20 ... 140					
		2 Third Class Divisions, at Rs. 15 30					
		1 Sub-Division, at Rs. 15 .. 15					
		Total ... 455					
...	1	Assistant Apothecary	62½	62½			
..	4	Hospital Assistants with Jeypore Allowance for one at Rs. 25 per mensem.	25, 40 & 60	175			
		1 at Rs. 60 60					
		1 at „ 40 40					
		2 at „ 25 50					
		Jeypore allowance 25					
		175					
...	11	Lascars, toties, cook, &c., of the Medical Establishment.	2 to 7	44½			
		1 at Rs. 7 7					
		3 at „ 6 18					
		1 at „ 4 4					
		1 at „ 3½ 3½					
		4 at „ 2½ 10					
		1 at „ 2 2					
		11					
360	410	Lascars	6	2,460			
...	1	Gumastah	5	5			
...	1	Maistry	40	40			
360	446	Total, Petty Establishment ...	...	3,242	38,904	38,904	25,920
		Carried over ...				(208)	

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1880-81.	Number. 1881-82.	Particulars.	Salary of Office.	Estimate for 1881-82. Per Mensem.	Per Annum.	Total.	Estimate for 1880-81.
		Brought forward ...	Rs. ...	Rs. ...	Rs. ...	Rs. ...	Rs. ...
		EXECUTIVE BRANCH—*cont.*					
		OFFICE ESTABLISHMENT.					
		For Chief Engineer and Secretary to Government, Public Works Department.					
1	1	Chief Assistant	600	600			
1	1	Second do.	300	300			
1	1	Clerk, 1st Class, 3rd Grade	225	225			
2	2	Do. 2nd „ 2nd „	140	280			
1	1	Do. 2nd „ 3rd „	110	110			
5	5	Clerks, 3rd „ 2nd „	70	350			
3	3	Do. 3rd „ 3rd „	55	165			
1	1	Do. 4th „ 1st „	45	45			
2	2	Do. 4th „ 2nd „	35	70			
1	1	Do. 4th „ 3rd „	25	25			
				2,170			
2	2	Draughtsmen, 1st Class	60	120			
1	1	Do. 2nd „	42½	42½			
				162½			
2	2	Muchis or Daftris	13 & 14	27			
2	2	Head Messengers	9 & 11	20			
7	7	Messengers	7	49			
				96			
32	32	Total, Public Works Secretariat ...		2,428½	29,142		29,100
		Lithographic Establishment.					
1	1	Superintendent	250	250			
1	1	Head Draughtsman	120	120			
2	2						
1	1	Second Draughtsman	100	100			
1	1	Third do.	80	80			
1	1	Fourth do.	60	60			
1	1	Fifth do.	40	40			
1	1	Sixth do.	30	30			
1	1	Seventh do.	25	25			
1	1	Eighth do.	20	20			
1	1	Ninth do.	15	15			
1	1	Tenth do.	10	10			
9	9	Carried over ...		750	29,142		29,100

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1880-81.	Number. 1881-82.	Particulars.	Salary of Office.	Estimate for 1881-82. Per Mensem.	Per Annum.	Total.	Estimate for 1880-81.	—
9	9	Brought forward ...	Rs.	Rs. 753	Rs. 29142	Rs. 68202	Rs. 29,250	
		EXECUTIVE BRANCH—*cont.*						
		Office Establishment—*cont.*						
		Lithographic Establishment—cont.						
1	1	Tracer and Record-keeper	25	25				
1	1	Do. and Muchi	16	16				
1	1	Head Printer	20	20				
1	1	Second do.	12	12				
1	1	Third do.	12	12				
2	2	Pressmen	9	18				
6	6	Do.	8	48				
2	2	Do.	7	14				
2	2	Do.	5	10				
28	28	Total, Lithographic Establishment ...	...	925	11,100		3,000	
		For Chief Engineer and Joint Secretary to Government, Irrigation Branch.*						
...	1	Clerk, 1st Class, 3rd Grade ...	225	225				
2	1	Do. 2nd „ 2nd	140	140				
...	1	Do. 2nd „ 3rd	110	110				
...	1	Do. 3rd „ 1st	90	90				
1	1	Do. 3rd „ 2nd	70	70				
1	1	Do. 3rd „ 3rd	55	55				
...	2	Do. 4th „ 1st	45	90				
3	3	Do. 4th „ 2nd	35	105				
4	1	Do. 4th „ 3rd	25	25				
2	1	Draughtsman, 1st Class	60	60				
2	2	Do. 2nd „	42½	85				
...	2	Do. 3rd „	25	50				
	1	Reference-picker	10	10				
3	1	Muchi	10	10				
	1	Head Messenger	8	8				
...	2	Messengers	7	14				
1	2	Do.	6	12				
3	3	Lascars	7	21				
22	27	Total, Office Establishment for Chief Engineer for Irrigation.	...	1,180	14,160		11,256	
		Office Establishment for three Superintending Engineers, as follows, each—						
...	...	One Clerk, 2nd Class, 3rd Grade 110						
...	...	One Clerk, 3rd Class, 2nd Grade 70						
		Carried over ...			54162	82284	53356	

* G.O., No. 491 W., dated 3rd March 1880.

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1880-81.	Number. 1881-82.	Particulars.	Salary of Office.	Estimate for 1881-82. Per Mensem.	Per Annum.	Total.	Estimate for 1880-81.	
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Brought forward ...		—	54,402	68,204	43,357	
		EXECUTIVE BRANCH—*cont.*						
		OFFICE ESTABLISHMENT—*cont.*						
		Office Establishment for three Superintending Engineers, as follows, each—						
		One Clerk, 4th Class, 1st Grade	45					
		One Clerk, 4th Class, 2nd Grade	35					
		Two Clerks, 4th Class, 3rd Grade, at Rs. 25 per mensem	50					
		One Draughtsman, 1st Class	60					
		One Draughtsman, 2nd Class	42½					
		One Messenger	8					
		Three Messengers at Rs. 6	18					
		Total for each Office ...	438½	438½	1,315½	15,786	—	14,886
		Office Establishment for two Superintendents of Works (Godávari and Kistna) as follows:—						
		One Clerk, 3rd Class, 2nd Grade	70					
		One Clerk, 4th Class, 1st Grade	45					
		One Clerk, 4th Class, 2nd Grade	35					
		Two Clerks, 4th Class, 3rd Grade, at Rs. 25 ...	50					
		One Draughtsman, 1st Class	60					
		One Draughtsman, 3rd Class	25					
		One Messenger	7					
		One do.	6					
		Total for each Office ...	298	298	596	7,152	—	6,552
16	18	Office Establishment for the Superintendent of Works, Presidency, as follows:—						
		One Clerk, 3rd Class, 2nd Grade	70					
		Carried over ...				77,340	68,204	64,794

GOVERNMENT OF MADRAS.

PART III.—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1880-81.	Number. 1881-82.	Particulars.	Salary of Office.	Estimate for 1881-82. Per Mensem.	Per Annum.	Total.	Estimate for 1880-81.	—
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Brought forward ...			77340	85200	64,794	
		EXECUTIVE BRANCH—*cont.*						
		OFFICE ESTABLISHMENT—*cont.*						
		Office Establishment for the Superintendent of Works, Presidency, as follows:—						
		One Clerk, 4th Class, 1st Grade	45					
		Two Clerks, 4th Class, 2nd Grade, at Rs. 35 ...	70					
		Three Clerks, 4th Class, 3rd Grade, at Rs. 25 ...	75					
		Two Clerks, 5th Class, 1st Grade, at Rs. 17½ ...	35					
		One Draughtsman, 1st Class	60					
		One Draughtsman, 2nd Class	42½					
		Three Draughtsmen, 3rd Class	75					
		One Messenger	7					
		One do.	6					
8	16	Total ...	485½	485½	485½	5,826	...	3,276
		Office Establishment for Superintendent of Works, Buckingham Canal, as follows:—						
		1 Clerk, 3rd Class, 2nd Grade,	70					
		1 „ 4th „ 1st „	45					
		1 „ 4th „ 2nd „	35					
		2 „ 4th „ 3rd „ at Rs. 25	50					
		1 Draughtsman 1st Class	60					
		1 „ 3rd „ ...	25					
		1 Messenger	7					
		1 „	6					
8	9		298	298	298	3,576	...	3,276
		Office Establishment for Godávari Eastern and Kistna Eastern Divisions as follows:—						
		1 Clerk, 3rd Class, 2nd Grade,	70					
		1 „ 4th „ 1st „	45					
		1 „ 4th „ 2nd „	35					
		3 „ 4th „ 3rd „ at Rs. 25	75					...
		Carried over ...				89740	85200	71,346

GOVERNMENT OF MADRAS.

PART III—continued

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1880-81.	Number. 1881-82.	Particulars.	Salary of Office.	Estimate for 1881-82. Per Mensem.	Per Annum.	Total.	Estimate for 1880-81.	—
		Brought forward ...	Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH—*cont.*						
		Office Establishment—*cont.*						
		Office Establishment for Godávari Eastern and Kistna Eastern Divisions as follows :—						
		1 Draughtsman, 1st Class 60						
		1 do. 3rd „ ... 25						
		1 Messenger 7						
		1 do. 6						
16	20	Total for each Office ... 323	323	646	7,752	...	6,552	
		Office Establishment for five 1st Class Divisions as follows :—						
		1 Clerk 3rd Class, 2nd Grade 70						
		1 „ 4th „ 1st „ 45						
		1 „ 4th „ 2nd „ 35						
		2 „ 4th „ 3rd „ at Rs. 25 50						
		1 Draughtsman, 1st Class 60						
		1 do. 3rd „ 25						
		1 Messenger 7						
		1 do. 6						
40	45	Total for each Office ... 298	298	1,490	17,880	...	16,380	
64	64	Office Establishment for eight 2nd Class Divisions as per scale laid down in Appendix C, No. 6, to G.O. No. 3,674 W., dated 18th September 1878.	253	2,024	24,288	...	24,288	
16	16	Office Establishment for two 3rd Class Divisions as per scale laid down in Appendix C, No. 7, to G.O. No. 3,674 W., dated 18th September 1878.	220½	441	5,292	...	5,292	
		Office Establishment for Consulting Architect as per particulars below :—						
		1 Clerk, 4th Class, 1st Grade 45						
		1 Draughtsman and Estimator 145						
		1 do. 2nd Class .. 42½						
		1 do. 3rd „ ... 25						
		1 Messenger 7						
		1 do. 6						
6	6	270½	270½	270½	3,246	...	3,036	
		Carried over ...			145,200	882084	796094	

1,26,894

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1880-81.	Number. 1881-82.	Particulars.	Salary of Office.	Estimate for 1881-82. Per Mensem.	Per Annum.	Total.	Estimate for 1880-81.	—
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Brought forward ...			14,520	82,014	126,674	
		EXECUTIVE BRANCH—*cont.*						
		OFFICE ESTABLISHMENT—*cont.*						
		Office Establishment for Public Works Stores as follows:—						
		1 Clerk, 2nd Class, 2nd Grade, 140	...	...	...	...	...	
		1 do. 3rd „ 2nd „ 70	...	...	...	...	...	
		1 do. 4th „ 2nd „ 35	...	...	...	...	...	
		1 do. 4th „ 3rd „ 25	...	...	...	...	...	
		1 Messenger 8	...	...	...	...	...	
		2 do. at Rs. 7 ... 14	...	...	...	...	...	
	✓	2 do. at „ 6½ ... 13	...	...	...	...	...	
9	9	Total ... 305	305	305	3,660	...	3,664	
		Office Establishment for 40 Sub-Divisional Offices as follows:—						
		1 Clerk, 4th Class, 3rd Grade, 25	...	...	...	...	...	
	✓	1 Messenger 6	...	...	...	...	...	
78	80	Total ... 31	31	1,240	14,880	...	14,508	
		Office Establishment for 55 detached Offices as follows:—						
40	55	1 Clerk, 4th Class, 3rd Grade, 25	25	1,375	16,500	...	7,200	
		Office Establishment for 106 Overseers, as follows:—						
...	106	1 Clerk, 5th Class, 1st Grade, 17½	17½	1,855	22,260	...	...	
72	72	Toll Establishment for the upkeep of Buckingham Canal.	761	761	9,132	...	...	
488	639	Total Office Establishment ...	...	...	...	2,11,632	1,52,266	
		Irrigation Establishment.						
		Survey	...	...	...	15,000	15,000	
		Water Regulation	...	...	...	91,646	84,038	
		Navigation	...	...	...	29,544	28,989	
		River Conservancy	...	...	...	3,120	2,568	
		Special Revenue Investigation by Mr. Wilson.						
		Office Establishment required for the preparation of Irrigation Accounts, *vide* G.O., No. 445-A-I., dated 6th August 1879.	...	...	...	10,000	13,000	
		Total, Irrigation Establishment ...	...	...	...	1,49,310	1,43,595	
		Carried over ...	...	...	...	2,43,326	...	

Note.—No personal allowances have been provided for, as the mean pay entered will, it is believed, cover charges on account of such allowances.

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—*continued.*

Number.		Particulars.	Salary of Office.	Estimate for 1881-82.			Estimate for 1880-81.	—
1880-81.	1881-82.			Per Mensem.	Per Annum.	Total.		
		Brought forward ...	Rs. ...	Rs. ...	Rs. ...	Rs. 7,41,326	Rs. ...	
		EXECUTIVE BRANCH.—*cont.*						
		OFFICE ESTABLISHMENT.—*cont.*						
		Temporary Establishment	...	...	...	25,000	25,000	
		Local Allowances.						
		Upper Godávari allowance	...	50	600	...	...	
		Wynaad allowance	...	...	2,000	...	...	
		Potingy Ghât or Jeypore allowance, *i.e.*, 50 per cent. on pay.	...	...	3,000	...	...	
		Presidency house-rent	...	555	6,660	...	...	
		Do. allowances	...	600	7,200	...	...	
		Total, Local Allowances ...	...	...	...	19,460	10,000	
		Total, Salaries ...	...	...	...	12,87,486	11,05,113	
		Travelling Allowances ...	...	...	...	1,60,000	1,10,000	
		(*Contingencies inclusive of Postage.*)						
		3 Superintending Engineers' Offices.						
		4 Superintendent of Works' Offices.						
		18 Divisional Offices						
		25 at Rs. 100 per mensem each ...	...	2,500	30,000	...	...	
		Two Chief Engineers' Offices.						
		1 Secretary to Government, Public Works Department. 500						
		1 Chief Engineer for Irrigation 150						
		650	...	650	7,800	...	...	
		Grand Total, Executive Branch ...	...	...	...	37,800	40,200	
		ABSTRACT OF THE FOREGOING.				14,85,286	12,55,313	
		Engineer Establishment	...	...	...	5,79,648	5,29,572	
		Upper Subordinate Establishment ...	...	...	...	2,56,332	2,18,760	
		Lower do. do. ...	...	...	...	7,200	...	
		Petty Establishment	...	...	...	38,904	25,920	
		Office do.	...	...	...	2,11,632	1,52,266	
		Carried over ...				12,93,716	11,51,518	

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III.—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—*continued.*

Number. 1880-81.	Number. 1881-82.	Particulars.	Salary of Office.	Estimate for 1881-82. Per Mensem.	Per Annum.	Total.	Estimate for 1880-81.
			Rs.	Rs.	Rs.	Rs.	Rs.
		Brought forward ...	...	...	...	10,93,716	9,11,510
		EXECUTIVE BRANCH—*cont.*					
		OFFICE ESTABLISHMENT—*cont.*					
		Abstract of the foregoing—cont.					
		Irrigation Establishment	...	...	...	1,49,310	1,43,595
		Temporary do.	...	...	...	25,000	25,000
		Local allowances	...	...	...	19,460	10,000
		Total Salaries ...	...	...	...	12,87,486	11,05,113
		Travelling Allowances ...	...	...	...	1,60,000	1,10,000
		Contingencies ...	...	...	...	37,800	40,200
		Grand Total, Executive Branch ...	...	...	...	14,85,286	12,55,313
		ACCOUNTS BRANCH.					
		EXAMINER'S ESTABLISHMENT.					
1	1	Examiner, 1st Class, 2nd Grade ...	1,350	1,350	...	...	...
		Difference between the Staff pay and Military pay and allowances and the consolidated salary of a Major, R.E.	40⅔	40⅔	...	...	...
			...	1,390⅔	...	...	...
2	2	Deputy Examiners, 1st Grade ...	550	1,100	...	...	...
		Difference between the pay and allowances of a Staff Corps Officer and that of a Civilian.	50	50	...	...	...
3	3	Total Examiner's Establishment.	...	2,540⅔	30,490	...	32,190
		Accountants.					
1	1	Accountant, 1st Grade	400	400	...	...	...
3	3	Do. 2nd „	295	885	...	...	...
4	4	Do. 3rd „	200	800	...	...	...
10	10	Do. 4th „	115	1,150	...	...	...
34	34	Do. 5th „	57½	1,955	...	...	...
52	52	Total Accountants ...	...	5,190	62,280	...	62,280
		Office Establishment.					
1	1	Clerk, 2nd Class, 2nd Grade ...	140	140	...	...	...
1	1	Do. 3rd „ 1st „ ...	90	90	...	...	...
1	1	Do. 3rd „ 2nd „ ..	70	70	...	...	...
		Carried over ...		300	92,770		94,470

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—*continued.*

Number. 1880-81.	Number. 1881-82.	Particulars.	Salary of Office.	Estimate for 1881-82. Per Mensem.	Per Annum.	Total.	Estimate for 1880-81.	—
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Brought forward ...	...	300	12,770	...	14,470	
		ACCOUNTS BRANCH—*cont.*						
		EXAMINER'S ESTABLISHMENT—*cont.*						
		Office Establishment—cont.						
3	3	Clerks, 3rd Class, 3rd Grade ...	55	165				
5	5	Do. 4th „ 1st „ ...	45	225				
6	6	Do. 4th „ 2nd „ ...	35	210				
10	10	Do. 4th „ 3rd „ ...	25	250				
3	3	Do. 5th „ 1st „ ...	17½	52½				
				1,202½				
30	30	Menial Servants ...	...	102½				
		Total, Office Establishment ...	...	1,305	15,660	...	15,660	
		Local Allowances.		505				
		Presidency House Rent	...	1,075	18,960	...	10,000	lower.
		Do. Allowance	...	1,580				
		Total Salaries	...	...	...	1,27,390	1,20,130	
		Travelling Allowances	...	...	...	2,400	2,400	
		Contingencies	...	...	...	4,500	4,500	
		Grand Total, Permanent	...	...	...	1,34,290	1,27,030	
		Deduct contributions for four Accountants as follows :—						
		Madras Harbour Works ... 1						
		Presidency Workshops ... 1						
		Dowlaishweram ... 1						
		Central Office ¼ of 3 = ... 1						
		Total ... 4						
						5,910	5,910	
		Net Total, Permanent ...	...	...	...	1,28,380	1,21,120	
		Temporary office establishment for the preparation of the Capital and Revenue Accounts of Irrigation Works—*vide* this office letter No. 145 A., dated 18 Nov/80 and previous correspondence.	...	800	9,600	9,600	9,600	
		Total, Provincial Accounts Branch.	...	...	...	1,37,980	1,30,720	

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III—continued.

ABSTRACT OF THE FOREGOING PROVISION FOR ESTABLISHMENTS.

Abstract.	Salaries.	Travelling Allowances.	Contingencies.	Total. 1880-81.	Total. 1879-80.
	Rs.	Rs.	Rs.	Rs.	Rs.
Executive Branch	...	...	14,85,286	...	12,55,313
Accounts Branch	...	...	1,37,980	...	1,30,720
Grand Total ...	..	...	16,23,266	16,23,266	13,86,033
Deduct amount of contribution from other Departments for work done by the Lithographic Department attached to the Public Works Secretariat.	...	...	[illegible]	...	...
Probable amount of contribution from Local Funds.	...	...	* 56,000	~~56,000~~ 51,517	...
Net Grand Total, Public Works Department ...				15,71,749	[illegible]

* This amount has been arrived at by taking double the actuals for the first six months of the current year.

MADRAS,
23rd December 1880.

(Signed) D. H. TRAIL, Major R.E.,
Officiating Examiner, Public Work Accounts.

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PUBLIC ACCOUNTS
11 JANV.

GOVT. OF MADRAS. } 1881. { P. W. DEPT.

SECRETARY.

Chepauk, 11th January 1881.

No. 29 A. OFFICE NOTE.

To

C.

The Charge of the Establishment Budget Estimate for 1881/82 is herewith sent for check and return.

S

No. 974 14/1/81 Encls 2 rec'd

Dy W

Checked and returned.
"In remarks as to Temp. Sanctioned Establishment sanctions to which is urgently required.
C. Dm
13/1

W
13/1

C.A.G.O.

We might be
have 50 Jud.
1/16/12/80 200
2900 Sanctions
attached as it
is all Annual to
See Minute

GOVT. 1991 P.

Urgency to be
made from
PM's
11-1-81

W.

The Judicial dept. order has already been received. Arrangements have been made for providing the money in next year's Budget about to issue

R.S.
11.1.

Our Budget has traditionally been framed on a much higher limit than can be admitted by the Financial Advisor.

11/11/81 PM

H.

The grand Trunk Railway Financial Statement has just been received. It amounts in the whole to Rs 17,63,580. This includes Rs 125,000 as a Contribution to Local Funds for Roads.

The Branch Lists will now be dealt with finally.

R.S.
12.1.81

P.T.O.

The Budget Statement may be forwarded to Simla & an Indent on Supplies & Transport for the ensuing year submitted before the 15th Feby

H.

C.R.

The project is under revision - Plans &c to be sent in by 21st Jany: 81.

R.S.
9-1

2d V

182

Govt has now decided in Council to submit the Prov. Budget with the Salabt Changes Immediately as directed by the Secy of State in the Comml Letter attached with the decision of the incidence of the Charges under the 3 different methods advocated to in your note; but you need better not ask Govt to send to the Order which it seems has lately reached the Accountant General in India directing him not to admit more than 25% till told against Provincial Irrigation — In lieu of Col Chisholm and his Office, as also the contribution of Rs

30000 for new Mint
would all under this
head be provided
for subject to 25% Thus
rule of course add 12½%
or so more to the Charge
borne by Revenue and
send a list of allotments
shown, if not eliminate
Demand - The Portuguese
Govt ought for shown to
50000 & the Brit Legation
to 15000
The letter should briefly
say that reference on
the subject of the increase
of the Mint Estimate should
also shortly be sent us
& that if there be more funds to spare
we can bring forward matter for Class B
&c.

Please make an "urgent" and
Telegraphic reference as soon as possible to
the H. Bd. about the Cinnamon Buildings
as I look to time to do so in Council
The Clerks told me I omitted that any
other Commd. wd. have

18/1/81

not this; this charge
is not included in the
amount voted by the
Treasury principle; it
but is in the
calculations as made under
L.O. No 2654 of 9th Dec -

CA 2

The budget can
now be framed &
sent, the points to
the following items being
attached in detail
less blanks, as the
amounts are not
finally fixed -

Buildings in Council
Ostensibly Public
Cinnamon Buildings
Reserve -

Any details which these
figures may require
ment of come the Lieut
blanks entered in
pencil -

The supreme account
be attached as shown
in it -

The contributions to establishment should be corrected as now noted but Journal Inspection should be entered in pencil as it may show the altered-

The contributions from tools and plant to be as now corrected-

CWW

105

I am doubtful of the propriety of entries shewn in (a) - & there any ground for supposing the work to be urgent? if so why was it deferred?

(b) The expenditure to end of 1880/81 is estimated at Rs 125,852, and the total estimate is only Rs 130,000; why provide Rs 50,000? - Probably all allotment for this year will not be expended, and we should provide next year for the completion of the work -

The works marked X

should be included in "class A" if not provided with funds from other sources; several works are entered under B which are no longer required & may be omitted -

In several cases sums are entered not sufficient to complete the works, except in very rare cases, if an allotment is given at all, for any work entailing less than £5 50,000 it should be sufficient to complete in one year; this wants fuller money to spread over several allotments -

H 11.11

The amounts entered are those applied for by Supt. Engineers for 1881/82. If the works to be carried out next year are selected, the full amount of the estimate, or the actual amount required to complete the work, can be provided -

H 7/11

D: W. 148

Or an application to be in possession of Settlement information regarding the probable outlay in all the current years under the Provincial Budget for 81-82 should be carefully framed Accurate information will of course be needed regarding the probable way in which the assignments on the Patiality Shunt Palcan cotta Jail and Buckingham Canal with an eye to the important works and Special reference to the SE's concerned with probable

Memo:

As directed by the Secretary and Accountant Secretary a rough Provincial Budget Part I for 1881-82 has been drawn up from the materials at present available and is herewith submitted.

All the Class A works of the current year's budget that have been fully provided for and whose allotments have remained undisturbed

have

Memo:

Current year's Budget Parts A & B. and S. & subsequently framed modifying allotments & sanctioning new works also in some cases S. & budgets for next year which are beginning to come in.

RP

Necessary

Be held in readiness to produce at the Committee Meeting on Thursday next.

30/8/80

Ref. References have already been made to the Secretary regarding allotments for works in the Provincial Budget. The replies have been disposed of as they came in. The draft now prepared disposes of the reply from the E. Circle. Please say whether anything further is required. We should prepare any rough Schedule of New Works under Provincial Only the Regular budget at the end of the year.

RP

have been omitted, while those works from which surrenders have been made are included in the list and pencil remarks made against each.

Those Class Works for which funds have been given since the list was prepared have been eliminated, and in the column of remarks reference is made to the sums given. Many of the works have been entered with arbitrary allotments against them

N.B. Those works which were not provided with funds in G.O. No. 1819 A. of 30th July 1880 have also been considered in preparing this list.

Just at all too high. This year we had a Scheme of Rs 2,50,000 and it was all appropriated in the first six months of the year -

as the Budget Department is unable to decide what amount should be assigned.

The Reserve or Minor works grant for the current year was Rs 2,03,829 that for 1881-82 has been set down at Rs 2,50,000. It is thought that this figure will not be too high, for considering the numerous demands made on the Reserve for works below Rs 2,500 each, for incomplete works of the past year,

not provided for in Part II and Repairs &c., all of which have to be met from this one source, it will doubtless be found that the proposed assignment for these purposes will not be more than sufficient.

At this early stage of the year it is hardly possible to foresee what works now included in the rough list may be provided for before the issue of the Budget of 1881-82 or what changes may be made in existing allotments, but without taking these probabilities into account, it will be seen that the total under class A amounts to Rs. 6,49,980

× under class B to Rs. 4,96,630

Total for Works Rs. 11,46,610

If to this be added for Establishment Rs. 286,652 and for Tools and Plant —— " 28,665

The total will amount to 14,61,927

exclusive of the provision of about Rs. 130,000 that will have to be made for Repairs plus the

(3)

× Includes Rs. 100,000. Refund on account of Madras Water Works Project & Rs. 84,30 for Minor Police Works.

This is on the assumption that establishment is 25 per cent; the actual amount will be about 5 lacs if the S. & I. cement is debit Brijpur with its proper share, or about 4 if they insist on limiting the charge to 25 per cent

Rough Proof
1881-82

Provincial

~~Plus 27½ per cent. Land Revenue and the~~ ~~Provincial~~ Contribution to Establishment and Roads and Plant.

R.F.
8/10.

Sir,

By Permit-

I have made a few alterations to reduce the number of Partial Allotments, and materially affect the Total grants - There are still one or two items where grants fall below the minimum if none is available Instructions are hereby required regarding Cultivators Buildings &c Postal

By Tr.

Please state which of the works under Class B of the accompanying Budget you desire to be transferred to Class A - whether works against which blue marks are made there or those against which red pencil marks have been made there - the sums proposed for the former amount to Rupees 69,275 while those proposed to be allotted for the latter as modified by you amount to Rs 1,64,622-

The plans and estimates for the Chinchona building at Nadokmattam

were received from the Superintendent Circle some time ago, they were sent to the Revenue Deptt and returned back duly approved. they are now before Govt.

With reference to the last para of this note, no specific appropriation of funds is necessary for stores charged to Profit and Loss.

30/9/80.

The only works in which transferred to Class A were those marked with a cross in black pencil, four in number altogether.

The red pencil crosses were not made by me at all.

But it will probably be better for all works which are provided with grants in the next years budget to be transferred to Class A.

The amounts of grants to be so altered in either blue or black pencil in my memorandum, where not altered, the amounts originally entered are to stand.

The red crosses were apparently made in the office to indicate the works for which I had altered the grants.

30/9

C.K.L.

I have made a few alterations in pencil which will add R 74,000 to the grand Jubilee Work - the remainder of the R 300,000 mentioned by Mr. Cecil Rhodes remain in reserve still we are asked to shut our estimates down to SEL should be asked about the Auction Buildings

S.A.P. 22.1.

I do not like to
leave a Reserve
as Rs 2,000
we must have to
be in a position to
make such Charges
to the Ideal 10%
in Reserve
Can we not pick
out Rs 1,000
from B making
such Line up
Rs 10,000 to
Reserve
With the Contin
Charge entered and
being kept in the
working Reserve
Amount as was Paid
I should like that
How would this
suit Statement

Nothing is entered in the Profit & Loss likely to occur in trying to sub-divide the Capital Charge in overmanufactured Stock in the Profit & Loss regarding which the Committee have to report

—

22/11/60

South Arcot District

Part II

156

Provincial Service

Public Works Budget Estimate

Detail of the Budget Estimate of Repairs & Public Works under Provincial Service for the year 1881-82

Head of Classification	Revenue District	Locality	Items	Estimate 1881-82 Amount	Total	Estimate 1880-81 Amount	Total
			Provincial Ordinary				
			Civil Buildings				
			Annual Repairs				
Provincial Services Imperial Administration	South Arcot	Vridda-chalam	Head Assistant Collector's Cutcherry Special repairs	3000		Admn.	
		Munjakup-pem	Government House at Munjakuppam	100		Admn.	
		—do—	Divisional Office	50		Misc.	
		Pindara-mum	Pate Divisional Office & Bungalow	25		Misc	
		Vridda-chalam	—do— Office	25		Misc	
		Munjakup-pem	Barracks	25		Misc	
		Pindaram	Assistant Superintendent's Bungalow	50		Police	
		—do—	—do— Office	100			
			Total	3375	250		250

Richmond
28th September
1880.

R. Beatty Lieut Col R.E.
Supdg Engineer Circle

South Arcot District
Part IV

Provincial Services
Public works Budget Estimate

Detail of the Budget Estimate for Tools and Plant under Provincial Services for the year 1881-82

Executive Division	Surveying & mathematical instruments	Machinery	Tools	Plant	Office furniture	Camp equipage	Riverboats	Repairs and Carriage	Total 1881-82	Estimate 1880-81
South Arcot								350	350	1966

Supdg Engineer's Office Utacamund
Nilgiris 28th September 1880

L. Beatty - Lieut Col RE
Supdg Engineer Utacamund

P.W.D.
[illegible]
No.

South Arcot District
Provincial Service
Part II

Budget Estimate of Roads to work for 1881-82.

P.W.D.
SECTT.
No.

South arcot District

Provincial Services

Part III.

Budget Estimate

for Roads and

Plant for 1881-82

Provincial Services

Public Works Budget Estimate

South Arcot District

Part I

Detail of the Budget Estimate for Original Works under Provincial Services for the year 1881-82

Head of classification	Executive Division	Locality	No.	Project Works	Assignment of Estimate	Outlay actual to end of 1879-80	Outlay Probable during 1880-81	Grant 1881-82 Amount	Grant 1881-82 Plan	Grant 1881-82 Plan No.	Remarks and References.
				Provincial Ordinary Civil Buildings							
				Original Works.							
Provincial Services Imperial administration	South Arcot	Immovable	1	Cutcherry for Collector of South Arcot	Collector 19770		5000	14770		1	G.O. No. 2667 of 3rd Oct. 1876. Item No. 3 of the Budget of 1880-81. Part II Class A. Carried over to G.O. No. 215 dated 13/9/80
		Privately	2	Second class Jail & Cutcherry and Subsidiary Jail	Jail 10280		4000	6280		2	G.O. No. 2666 of 3rd Oct. 1876 Item No. 10 of Budget of 80-81 Part I Class B.
Provincial Jails		Unmarriedy	3	Subsidiary Jails out buildings	Works 4450		2000	2450		3	G.O. No. 766 of 18 March 1875 Item No. 15 of Budget for 80-81 Part II Class A. Carried over to G.O. No. 226 dated 22-7-81
Imperial Administration		Immovable	4	Taluq Cutcherry and Registration Office	Cost 16240		5000	11240		4	Estimate under revision Amount
					Carried over			34740			

Head of classification	Locality	Sheet No.	Project and Work.	Amount of Estimate	Outlay during 1879-80	Outlay during 1880-81	Grant for 1881-82 Amount	Grant for 1881-82 Total	Remarks	Memoranda & References.
			Brought for ward					34740		
Provincial Police	Chengum	5	Constructing Station House at Trinomalay	a Police Chengum Taluq			1835		5 Estimate submitted by the Supdt of Police & some have included in the scheme for works above Rs 1000 & recommended in 1881-82	
	Trichinopoly	6	Constructing Guard and Cattle Shed for the use of Police under the Commr of Police at Trichinopoly	Hospital for the Force Cart Limbaties			1445		6 Estimate under preparation	
								35023		

Supdg Engineers Office
Trichinopoly 28th September 1880

L. Beatty Lieut Colo
Supdg Engineer III Circle

Abstract of the sums proposed for all Original works (Major and Minor) to be distributed by the Public Works Department.

Main Head.	Provincial Portion.	Local	Total
Civil Buildings, Provincial	35023	.	35023
Total	35023	.	35023

E. Beatty - Civil Engr
Res. Superintending Civil

Richmond
28 September
1880

P.W.D.
20 SEP 80

South arcot District

Provincial Services

Part I.

Budget Estimate
for Original works
for 1881-82.

Checked
6/10/80

Memorandum accompanying the Provincial Budget Estimates of the South arcot Division for 1881-82.

Original work.

Item No 1 — It is observed that the consulting Architect was ordered to send in revised design and Estimate for this Cutcherry; the sum of Rs. 5,000 proposed to be laid out on the work will be spent only in case of the revised Estimate being sanctioned at once; otherwise the full amount will have to be allotted for next year.

Item No. 2 — The sum of Rs 4000 will be spent this year in collecting materials, if authority is given at once for proceeding with the work, application for this was made by the Collector to the Board of Revenue.

Item No. 3 — The Estimate for this work is to be revised, pending sanction to the revised Estimate a sum of Rs 2000 is proposed to be laid out on the collection of materials.

The Estimate for this is under Item No 4
revision and the revised Estimate
will be submitted shortly. If this Estimate is sanctioned and funds allotted or transferred from Item No 1 as proposed by the Collector before the end of December next a sum of Rs 5000 can be laid out in the Collection of Materials.

Minor Works. The Superintendent Item No 5 & 6
of Police has intimated that a sum of Rs 1835 should be provided for a Station House at Chengum; no Estimate has been prepared by this Department and it is not known how this amount has been arrived at. At the request of the Superintendent an Estimate of Rupees 1648 has been prepared for a Hospital ward and Latrine for the use of the Police Force under Assistant Superintendent at Tirukoilur. This Estimate is under Examination and will be forwarded at an early date.

Repairs

An Estimate of Rs 2300 was sanctioned in G.O. No 2785 W of 8th July 1879 for Repairs to the Head Assistant

Collector's Office and Bungalow at Vriddachalam, but nothing has been done to the building since, owing to want of funds. When the Estimate was prepared the building was in a very bad state, it must be now worse, and the Estimate might require revision. A sum of Rs 3000 is therefore provided in the Budget for the same. The remainder Rs 375 is intended to meet demands that may be made for petty Repairs during the year by the occupants of the Government House at Nemili - cuppam and others, for which rent is being collected by this Department.

Contractor Engineer
Cuddalore
28th August 80

Lt. A.C. Smith (actg) R.E.
Executive Engineer

True Copy

C. Peacock Lieut. Colr.
2nd September 80.
Pub. Engineer-in-Chief.

30SEP80
MA 6108

South Arcot District

Part I

Special Funds

Detail of the Budget Estimate for Original Works under Special Funds for the year 1881-82

—to—

L. Beatty. Lieutenant
Chief Engineer & Secy

Richmond
9th October 1880.

South Arcot District

Provincial Service

Memorandum to accompany Budget Estimates for

P.W.D.
11 OCT 80
C 4424

South Arcot District

Part I.

Special Fund

Budget Estimate
for original works
for 1881-82.

South Arcot District

Part II

Special Fund

Detail of Budget Estimate
for Repairs under Special
Funds for the year 1881-82

Vide

[illegible]
Executive Engineer

Executive Engineer's Office
Tindivanam
9th October
1880

165

P.W.D.

P.W.D.
11 OCT 80
No.

South arcot District

Part II

Special Fund

Budget Estimate
for Repairs for
1881-82.

Tinnevelly District
Part III

Provincial Service
Public Works Budget Estimate

170
1880

Detail of the Budget Estimate of Repairs to Public Works under Provincial Services for the year 1881-82.

Head of classification	Executive Division	Locality	Items.	Estimate 1881-82 Amount	Estimate 1881-82 Total	Estimate 1880-81 Amount	Estimate 1880-81 Total
			Provincial Ordinary				
Provincial Services Miscellaneous	Tinnevelly		Civil Buildings				
			Annual Repairs	150	150	150	150

Pr Scott Lieut Colr
Dirg Engineer 3rd Circle

Nellicopoly
29th September 1880

Provincial Services.
Public Works Budget Estimate

Timiskaming District
Part II

Detail of the Budget Estimate for Tools and Plant Provincial Services for the Year 1881-82

Section or Division	Surveying Instruments and Instruments	Machinery	Tools	Plant	Office furniture	Camp equipage	Miscellaneous	Office Horses & Carriage	Total 1881-82	Estimate 1882-83	Remarks
Timiskaming	769		1923	115				570	3317	3317	

Richmond
29th September
1880

E. Beatty Lieut Col RE
Supt Engineer 4th Circle

Timiskaming District
Provincial Surveys

Part III

Budget Estimate of
Repairs to Public
Works for 1881-82

Provincial Service
Public Works Budget Estimate

Jaypore District
Part III

Detail of the Budget Estimate for Tools and Plant under Provincial Service for the Year 1881-82.

Executive Division	Surveying & Draftsmen's Instruments	Machinery	Tools	Plant	Office furniture	Camp & Office equipage	Live Stock	Depreciation & Contingencies	Total 1881-82	Estimate 1880-81	Remarks
Jaypore	200		200		300	100		200	1000	850	
Vizagapatam	250		100		100	300		300	1050	900	
Total	450		300		400	400		500	2050	1750	

Camp Engineers Office Circle
Rajahmundry 2nd October 80.

L. Beatty - Lieut Col RE
Superintg Engineer Circle

Vizagapatam District
Provincial Service
Part IV.

Budget Estimate
for Tools and
Plant for 1881-82

Special Fund

Tinnevelly District
Part I

List of works proposed to be carried out by the Public Works and Jail Departments during the year 1881-82

Head of classification	Executive Division	Locality	Item No.	Project and works	Amount of Estimate	Outlay 79-80	Outlay Probable amount 80-81	Grant 81-82 Amount	Grant 81-82 Etc	Item No.	Remarks
				Civil Buildings							
				Convict Labor Fund							
				Original work							
Jails	Tinnevelly	Palamcottah	1	New District Jail	160,000	47431	40000	10000		1	G.O. No 332 dated 1st February 1877 Item No 1 of Special Fund Budget and No 6 of Provincial Fund Budget of 1880-81
				Public Works Supervision at Rs 25 per cent				2500			
				Proportionate Charges for Tools & Plant at 2½ per Cent				250			
				Grand Total				12750			

Richmond
9th October 1880

E. Beatty - Lieut Col RE
Superintg. III Circle

P.W.D.
4007/80

Tanjore District
Provincial Service

Part IV.

Budget Estimate
for Tools and
Plant for 1881-82

P.W.D.
11 OCT 80

284-80-1

Tirunelly District

Part I

Special Funds.

Budget Estimate
for Original work
for 1881-82.

Alex Reid
Wg Ex

Trichinopoly District

Provincial Services

Public Works Budget Estimate

Detail of Minor New Works for 1881-82

Executive Division	For Minor New Works under Civil Buildings Rs.	For Minor New Works under this Public Department Rs.	Total Minor New Works Estimates not less than Rs. 500. each Rs.	Remarks.
Trichinopoly	250		250	

L. Beatty. Lieut Col RE
Supg Engineer III Circle

Trichinopoly
28th September 80

186

P.W.D.
80'5280
No. 1442

Trichinopoly District
Provincial Services:

Budget Estimate
for minor new
works for 1881-82.

Provincial Services
Public Works Budget Estimate

Tinnevelly
Part I
District

Detail of the Budget Estimate for Original Works under Provincial Services for the year 1881-82

Head of Classification	Education Division	Locality	Item No.	Project Works	Original Budget Estimate	Actual Expenditure up to 31st March 1880	Budget Provision for 1880-81	Grant 1881-82	Total	Remarks and References
				Provincial Buildings						
				Civil Buildings						
				Original Works						
Provincial Services Imperial Administration	Tinnevelly	Shermadevi	1	Head assistant Collector's office	10,275			10,275		G.O. No. 1353 W dated 12th May 1879. Item No. 24 of 80-81 Budget. B. Works.
Law & Justice		Virudupatti	2	Sub Magistrate Cutcherry	7300			7300		G.O. No. 3376 of 1st Dec 1874 Item No. 31 of 1880-81 Budget B. Works.
Provincial Services Provincial Jails		Palamcotta	3	New Jail	160,000	47,431	40,000	40,000		G.O. No. 332 of 1st February 1877 Item No. 16 of 1880-81 Budget. A Works. Vide G.O. No. 2262 W of 25-8-80.
				Carried over				57,575		

Head of classification	Executive Division	Locality	Class No	Project and works	Amount of Estimate	Outlay actual to end of 1879-80	Outlay Probable during 80-81	Grant 1881-82 Amount	Grant 1881-82 Plan	Class No	Remarks and References.
				Brought forward				57575			
Provincial Services Provincial Jails	Secundabad	Santoganni near Moril	4	Adding perimeter wall and out houses to the Taluq Cutchery	3900			3900			G.O. No 1907 W of 19 July 1879. & Item No 48 of 1880-81 Budget B. Works.
				Total Original Works	61475						

Superintg Engineer 3rd Circle
Bellary 29 September 1880

A Beatty - Lieut Col RE
Superintg Engr 3rd Circle.

Abstract of the sums proposed for all original works (major and minor) to be distributed by the Public Works Department.

Main Heads.	Provincial	Civic	Local	Total
Civil Buildings Provincial	61475			61475
Total	61475			61475

E. Beatty. Lieut Col RE
Superintg Engineer Civil Works

Richmond
29 September 1850

P.W.D.
100130
No. 1112

£2

Tinnevelly District

Provincial Service

Part I.

Budget Estimate
for Original
works for 1881-82

Tinnevelly District
Part II
Special Fund

Detail of Budget Estimate
for Repairs under Special Fund
for the year 1881-82

Tinnevelly District
Part II

Detail of Budget Estimate
for Repairs under Special Fund
for the year 1881-82

Sd/ L. Beatty - Lieut Colonel
R.E. Superintending Engineer 4th Circle
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P.W.D.
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1 OCT 80
No.

Trincomalee District
Part II
Special Fund

Budget Estimate
for Repairs
for 1881-82.

Trincomalee District
Part II

Provincial Services
Public Works Budget Estimate

1881-82

Detail of the Budget Estimate of Repairs to Public Works under Provincial Services for the year 1881-82

Head of classification	Divisions	Locality	Items.	Estimate 1881-82 Amount	Estimate 1881-82 Total	1880-81 Amount	1880-81 Total
			Provincial Ordinary				
Provincial Services Ord. Buildings		Trincomalee	Civil Buildings				
			Annual Repairs	Rs. 600	500	400	400

L. Beatty. Lieut. Colr.
Supt. Engineer Civil

Trincomalee
28th September/80

Richmopoly District
Part III

52
Provincial Services
Public Works Budget Estimate

Detail of the Budget Estimate for Tools and Plant under Provincial Services for the Year 1881-82

Executive Division	Surveying & Draughtsmanship	Machinery	Tools	Plant	Office furniture	Camp equipage	Pack saddles	Repairs and Carriage	Total 1881-82	Estimate 1880-81	Remarks
Richmopoly	500		2000		100			400	3000	2000	

Superintending Engineer's Office
Richmopoly 28th September/80

E. Beatty - Lieut Col RE
Superintending Engineer

P.W.D.
JOSEFEO
No. 1100

Richmopoly District
Provincial Services

Part II.

Budget Estimate
of Repairs to Public
works for 1881-82

P.W.D.
TOOWOOMBA
NR

Trichinopoly District

Provincial Services

Part IV.

Budget Estimate for Tools and Plant for 1881-82

Provincial Service
Public Works Budget Estimate

Trichinopoly District
Part I

Detail of the Budget Estimate for Original works under Provincial Services for the year 1881-82

Head of Classification	Executive Division	Locality	Sheet No	Project and works.	Amount of Estimate	Outlay actual to end of 79-80	Outlay Probable during 80-81	Grant 1881-82 Amount	Grant 1881-82 Total	Sheet No	Remarks and References.
				Provincial Ordinary Civil Building Original Works.							
Provincial Services Imperial Law & Justice Administration	Trichinopoly	Arealore	1	Munsiff's Court	8550			8550			G.O. No 1308 of 7th May 1875 1 Item No 30 of 80-81 Budget Class B. Works.
		Perambalore	2	First class Taluq and Subsidiary Jail Outhouses	Estimate not yet received 27,000			10,000			G.O. No 2769 W of 6th July 1878 2 Item No 25 of 1880-81 Budget Class B. Works.
		Trichinopoly	3	Ryots Shed in Collector's Office	Conformed 1080			1080			3 G.O. No 50 of 7th June 1876
					Arealore Rs 25,000						
				Carried over	19,630						

Head of classification	Section Division	Locality	Sheet No.	Project and Work.	Amount of Estimate	Outlay actual to end 1879-80	Outlay Probable during 1880-81	Grant 1881-82 Amount	Grant 1881-82 Total	Grant 1881-82 Remarks
				Brought forward					19630	
Provincial Services Miscellaneous		Madurai	4	Preservation of Malwaicks Palace	Lump					L.O. No 1587 of 5th June 1875 — No 3313 of 19th November 75 — No 1211 W/ 23rd April 79 Item No 210/80-81 Budget Class A Work.
Police	Richmond Agency	Chingleput	5	Police Huts	2160		995	1165 all'ce		5 G.O. Nos 902 W/ 1144 W/ of 6th/20th October 1877. 6 Estimate No 211 S.E. 7/9/80 —
		Tiruvaseneikoly	6	Police Station House	1640		No 25	1640		6 Estimate will be submitted shortly.
			7	Minor New Works	(250)			250		7 Included in Lump Item
				Total Rupees					43685	

Supt Engineer's Office 4th Circle
Richmond 28th September 80

L. Beatty Lieut Col RE
Supt Engineer 4th Circle

Abstract of the funds proposed for all Original Works (Major and Minor) to be distributed by the Public Works Department

Main Heads.	Provincial Funds	Local	Total
Civil Building. Provincial	43,685	"	43,685
Total	43,685		43,685

L. Beatty Lieut Col RE
Superintg Engineer III Circle

Richmond 28 September 1880.

P.W.D.
30558/80
No. 1

Trichinopoly District

Part I

Special Fund 195

Detail of the Budget Estimate for Original Works under Special Funds for the year 1881-82

Trichinopoly Dist.

Provincial Services

Part I.

Budget Estimate for Original works for 1881-82.

Checked
30/9/80

Trichinopoly
9th October/80.

L. Beatty Lieut Col RE
Supg Engineer 1st Circle

P.W.D.
11 OCT 80
No. 6425

Trichinopoly District

Part I.

Special Funds

Budget Estimate for Original works for 1881-82

Trichinopoly District

Part II

Special Fund

1881-82

Detail of Budget Estimate for Repairs, under Special Funds for the year 1881-82

Encl

L. Beatty Lieut Colr Supt Engr 4th Circle

Trichinopoly 9th October 1880.

P.W.D.
11 OCT 80
No. 6444

Trichinopoly Dist.

Part II.

Special Fund

Budget Estimate

for Repairs for

1881-82.

OFFICIAL PAPERS.

GOVERNMENT OF MADRAS.

BUDGET ESTIMATE OF PROVINCIAL FUNDS FOR THE YEAR 1881-82.

GOVERNMENT OF MADRAS.

BUDGET ESTIMATE of PROVINCIAL FUNDS for the Year 1881-82.

RECEIPTS.	Actuals for 1879-80.	ESTIMATE FOR 1880-81. Budget Estimate.	Actuals for Six Months.	Regular Estimate.	Budget Estimate for 1881-82.
	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Opening Balance*	4,28,400	4,59,715	..	4,60,009	1,58,668
2. *Imperial*—					
Allotment for Provincial Services ..	84,86,120	84,86,200	42,65,400	85,30,800	85,30,800
3. *Departmental Receipts*—					
Jails	2,58,887	3,45,000	55,239	2,60,000	2,66,700
Registration	5,30,164	5,25,000	3,17,578	5,60,000	5,60,000
Police, including Mofussil Municipal Contribution	1,63,629	2,75,000	1,02,030	2,15,020	2,30,000
Education	1,54,479	2,15,430	90,788	1,61,000	2,25,320
Medical	1,45,923	92,600	31,002	1,00,400	94,679
Printing	31,806	24,600	18,285	32,000	35,500
Marine	17,629	14,300	58	14,000	14,000
4. *Miscellaneous Receipts*—					
Fees and Fines					
Sundry Receipts, including Government Farms	3,10,127	34,000	85,103	1,94,800	83,300
Contributions					
5. *Public Works*	1,87,585	1,56,000	22,819	1,70,000	1,29,821
6. *Irrigation and Navigation*	74,070	..	34,866	75,000	1,15,000
	1,07,58,909	1,06,87,845	50,23,162	1,07,73,029	1,04,33,708

CHARGES.	Actuals for 1879-80.	ESTIMATE FOR 1880-81. Budget Estimate.	Actuals for Six Months.	Regular Estimate.	Budget Estimate for 1881-82.
	Rs.	Rs.	Rs.	Rs.	Rs.
1. *Refunds*	8,515	8,000	2,373	8,000	8,000
2. *Jails*—					
Inspection and General Superintendence ..	37,652		17,161	38,000	
House of Correction and European Penitentiary	63,504		29,578	60,000	
Central Jails	4,08,328		1,67,963	3,35,000	
District Jails	4,73,218	11,00,000	1,63,286	3,30,000	10,77,500
Lock-ups, &c.	1,13,537	80,000	43,443	1,00,000	80,000
Jail Manufactures	2,08,282		1,43,850	2,87,500	
Charges for Transportation of Convicts ..	27,297		13,037	24,000	
Additions and Alterations	..		..	..	
Stores	..		..	..	
	13,21,818	11,80,000	5,78,323	11,74,500	11,57,500
3. *Registration*	3,65,131	3,74,600	2,04,828	3,92,000	4,28,530
4. *Police*—					
Superintendence	1,77,134		94,202	1,80,000	
District Executive Force	34,44,676	35,00,000	16,94,663	34,70,000	37,13,000
Presidency Police	1,86,537		94,474	1,89,000	
Village Police	12,356		5,055	11,000	
	38,20,703	35,00,000	18,88,394	38,50,000	37,13,000
5. *Education*—					
University	1,369		9,310	1,000	
Direction	42,798		21,206	42,000	
Inspection	1,84,031		94,014	1,88,000	
Government Colleges, General	1,57,596		87,722	2,20,000	
Civil Engineering College	43,126	39,000	16,156	35,000	41,200
Government Schools, Higher Class ..	1,94,941		94,575	1,45,000	
Do. Lower Class ..	4,887		2,442	5,500	
Girls' Schools	35,734	10,45,920	17,305	35,500	10,75,000
Normal Schools	36,308		19,849	38,000	
Technical Schools	19,049		10,233	19,000	
Scholarships	18		182	200	
Prizes	5,383		2,739	5,400	
Government Book Depôt	2,07,909		78,089	2,10,000	
Grants-in-aid	56,457		12,728	60,000	
Payments by Results	15,856		5,260	16,400	
Miscellaneous ..					
	10,05,461	10,84,920	4,71,810	10,21,000	11,16,200
6. *Medical*—					
Medical Establishment	53,572	52,280	42,219	97,000	84,115
Sanitary	50,813	32,660	23,343	49,600	72,588
Vaccination	20,279	21,000	11,449	21,000	
Hospitals and Dispensaries	3,28,133	..	1,49,397	3,28,000	3,74,102
Lock Hospital	15,657	3,60,620	7,744	15,000	60,789
Medical Colleges	67,178	66,220	29,140	67,000	73,224
Lunatic Asylums	78,653	76,140	30,009	78,000	11,500
Chemical Examiner	14,029	11,400	5,618	11,400	3,000
Grants for Medical Purposes	4,562	2,000	1,536	2,000	51,388
Office of Surgeon-General with the Government of Madras	..	..	..	..	
	6,32,876	6,23,260	3,00,455	6,69,000	7,30,709
7. *Printing*—					
Government Presses	2,58,654	2,62,000	1,16,905	2,31,800	2,65,000
Printing at Private Presses	15,442		5,658	15,000	
	2,74,096	2,62,000	1,22,563	2,46,800	2,65,000

GOVERNMENT

BUDGET ESTIMATE of PROVINCIAL

RECEIPTS.	Actuals for 1879-80.	Estimate for 1880-81.			Budget Estimate for 1881-82.
		Budget Estimate.	Actuals for Six Months.	Regular Estimate.	
Brought forward ..	Rs. 1,07,88,309	Rs. 1,06,87,845	Rs. 50,23,169	Rs. 1,07,73,029	Rs. 1,04,33,708
Total ..	1,07,88,309	1,06,87,845	50,23,169	1,07,73,029	1,04,33,708

FORT ST. GEORGE,
11th January 1881.

OF MADRAS.

FUNDS for the Year 1881-82—(*Continued*).

CHARGES.	Actuals for 1879-80.	Estimate for 1880-81.			Budget Estimate for 1881-82.
		Budget Estimate.	Actuals for Six Months.	Regular Estimate.	
	Rs.	Rs.	Rs.	Rs.	Rs.
8. *Stationery*	4,16,174	3,64,900	..	3,82,000	4,00,000
9. *Marine*—					
Light-houses, &c.	26,340	14,300	1,051	9,900	11,618
10. *Minor Establishments*—					
General Management	1,813	..	..	..	..
District Post Establishment	1,06,702	1,03,620	53,041	1,07,000	1,08,620
Cemeteries	4,966	5,000	2,456	5,000	5,000
Miscellaneous Establishments	45,045	41,500	21,738	43,400	45,148
Model Farms	24,327	24,200	19,447	24,000	24,000
Botanical Gardens	18,476	19,200	8,169	19,600	19,000
	2,01,329	1,93,520	1,05,559	1,99,000	2,01,778
11. *Office Rent, Rates, and Taxes*	1,20,421	1,11,850	25,032	67,700	1,04,275
12. *Miscellaneous*—					
U. C. S. Examinations	51,907	44,400	23,857	50,000	52,400
Allowances to Civil Servants out of Employ.	..	500	..	..	500
European Vagrants	20,586	15,000	15,266	18,000	15,000
Cost of Books and Publications	15,397	13,000	3,190	10,000	13,000
Cost of European Stores	2,780	..	3,017	6,100	6,000
Rewards for destruction of Wild Animals ..	16,448	25,000	8,490	19,000	22,500
Donations for Charitable Purposes ..	24,319	38,000	39,127	33,000	36,557
Miscellaneous and Unforeseen Charges ..	1,23,260	27,000	21,962	36,000	27,000
Petty Construction and Repairs, Miscellaneous Department	36,780	2,58,520	41,437	2,22,300	2,54,000
Grants to Local Funds	24,898	25,000	3,445	25,000	25,000
	4,56,435	5,06,420	1,59,821	4,69,400	4,83,457
13. *Public Works*—					
Roads					
Miscellaneous Public Improvements ..					
Civil Buildings					
Establishments	11,51,210	12,90,000	3,10,955	12,65,000	13,10,608
Tools and Plant					
Stock					
Profit and Loss					
Paumben Channel					
Grants to Local Funds	1,01,190	75,000	10,750	75,000	1,25,000
	12,52,400	13,65,000	3,20,805	13,40,000	14,35,608
14. *Irrigation and Navigation*	2,16,701	..	..	..	..
15. *Special Contribution to Imperial Treasury* ..	2,00,000	4,00,000	99,992	1,63,000	3,27,972
				2,00,000	..
Total Expenditure ..	1,03,28,900	98,42,810	42,80,066	1,01,83,300	1,04,33,708
Reserve—					
To meet charges under Registration ..	..	..	..	..	..
To meet unadjusted advances on account of Famine	..	3,50,000	..	..	50,000
To meet charges under Stationery, Police and Jails	..	..	..	4,51,141	..
Surplus Balance	4,59,009	4,95,035	..	..	..
Total ..	1,07,88,909	1,06,87,845	..	1,58,441	..
				1,07,73,029	1,04,33,708

R. DAVIDSON,
Chief Secretary.

MADRAS: PRINTED AND PUBLISHED BY E. KEYS, AT THE GOVERNMENT PRESS, FORT ST. GEORGE.

No. 338

Provincial Services

Public Works Budget Estimate. Second Circle.

Public Works Department.

Provincial Service Budget Estimate.

of the

Public Works Department

For the year.

1881-82

Coimbatore
18th October 1880.

Major R.E.
Supg. Engineer
2nd Circle.

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Detail of Budget Estimate under Expenditure -

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" IV " " " Tools and Plant " "

Appendix to above —

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Provincial Services 2e Circle.

Public Works Budget Estimate.

Budget Estimate of Expenditure in Public Works from Provincial Services for the year 1881-82.

Abstract of the Estimated expenditure for Public Works under Provincial Services for the year from 1st April 1881 to 31st March 1882.

	Reference to detailed Estimate	Budget Estimate 1881-82.	Budget Estimate 1880-81.	Regular Estimate 1880-81.
	Pages.	Rs.	Rs.	Rs.
Original Works				
Civil Buildings	2—9	213040	118,340	138,942
Communications	8-9	.	6,200	1666
Mis. Public Improvements	8-9	.	.	.
		213040	124540	140608.
Repairs.				
Civil Buildings	11	3,600	3,250	11,649
Communications	11	—	—	664
Mis. Public Improvements	11	—	—	.
	—	3,600	3,250	12,313
Total Works and Repairs.				
Civil Buildings		216,640	121,590	150591
Communications		—	6,200.	2330
Mis. Public Improvements		—	—	
		216,640	127,790	152921
Establishment		—	—	—
Tools and Plant	13	5247	.	.
		2,21,887	127,790*	152921*

* * Exclusive of the provision for Establishment and Tools and Plant.

Second Grade.

Provincial Services

Public Works Budget Estimates — Part I.

Detail of the Budget Estimate for original Works under Provincial Services for the year 1881-82.

Head of Classification	Executive Division	Locality	Item No.	Project and Works.	Amount of Estimate	Actuals to end 1879-80.	Probable during 1880-81.	Balance Amount.	Item No.	Remarks & References.
				Provincial Ordinary.						
				Civil Buildings.						
				Original Works.						
Provincial Services— Imperial — Administration	Coimbatore	Erode	1	Sub Collector's Cutcherry	12800 12,550		6,000	6800	1	G.O. No 1136 of 19 April 1879. Item 125 of 1880-81 Budget.
	Do	Pollachy	2	Residence for the Head Assistant Collector	10,580		10,580		2	G.O. No 2361 of 12 Dec 1879. Item 1 in Class D. Works of 1880-81 Budget.
	Salem	Chittoor	3	Constructing an Office for the Assistant Collector attached to the Collector's Office.	3900		3900		3	G.O. No 826 of 15 July 1879 Item No 2 of 1880-81 Budget.
	Do	Cohendrapuri	4	Altering & improving the present Taluq Cutcherry	3850		550		4	G.O. No 1000 of 5 June 1879 Item No 2 in Class D Works of 1880-81 Budget.
	Do	Wallajapett	5	Conjeeveram Taluq Cutcherry			20,000		5	Estimate will be submitted.
	Salem	Womalore	6	Deputy Tahsildar's Cutcherry	9020		9020		6	G.O. No 5 of 2 April 1879 Item No 4 in Class D. Works of 1880-81 Budget.
				Carried over.			54150.			

(2) (3)

Provincial Services.

Public Works Budget Estimate — Part I (Continued)

Detail of the Budget Estimate for Original Works — under Provincial services for the year 1881-82.

Head of Classification	Executive Division	Locality	Item No.	Project and Works	Amount of Detail Estimate & cost of closing 1879-80.	Outlay during 1880-81.	Grant 1881-82. Detail Probable Amount	Total	Item No.	Remarks and References.
				Brought forward			54150.			
Provincial Services Imperial.				Civil Buildings (Contd)						
Administration (Contd) Law & Justice	West Coast	Mangalore	7	Original Works (Contd) Collector's Office	22,278		22,500		7	Estimate under examination in this Office.
	Chingleput	Ponamalle	8	New Court House for the District Munsiff.	10358		10,000		8	G.O. No. 563 of 25th October 78. Item No. 25 (Class B. Works) of 1880.81 Budget.
	North Arcot	Chittoor	9	Sub. Magistrates Cutcherry	9120	+ 1,000	9,300		9	G.O. No. 447 of 17th May 1872 Item No. 29 (Class B Works) of 1880.81 Budget. A revised Estimate of Rs 13,300 has been prepared and will be shortly submitted
	Salem	Tripatore	10	Constructing a District Munsiffs Court-house	13000		13,000		10	G.O. No. 1750 of 24th July 1880.
	West Coast	Mangalore	11	Additions and Improvements to the Munsiffs Court.	5,200	+ 3000	2,200		11	G.O. No. 4333 of 8th Nov. 1878 Item No. 41 (Class B Works) of 1880.81 Budget.
	—Do—	Cuddapah	12	District Munsiffs Court.	7,800		7,800		12	G.O. No. 2088 of 8th August 1879 Item No. 42 (Class B Works) of 1880.81 Budget.
	—Do—	Cuddapah	13	Sub. Magistrates Cutcherry.	15,085		15,000		13	G.O. No. 1021 of 26th April 1877 Item No. 43 (Class B Works) of 1880.81 Budget.
				Carried over.			135650			

Public Works Budget Estimate Part I (Continued)

Detail of the Budget Estimate for original Works under Provincial Services for the year 1881-82.

Head of Classification	Division	Locality	Item No.	Project and Works.	Amount Estimated to end of 1879-80	Outlay Actual & Probable during 1880-81	Grant 1881-82.	Item No.	Remarks and References.
				Brought forward.			135650		
Provincial Services: Provincial Jails.	West Coast	Cheramund	14	Civil Buildings (Contd) Original Works (Contd) Quarters to Apothecary attached to the jail.	7580		7580	14	G.O. No 1905 of 9th August 1880.
Police	Do	Mamanbaddy	15	First Class Police Station	3610		3610	15	Estimate under review in this office
Registration	Do	Calicut	16.	Sub Registrar's Office	5710		5710	16.	G.O. No 581 of 10th March 1880 Item No 52 (Class B Works) of 1880-81 Budget.
Medical	Do	Do.	17	Additions and Improvements to Lunatic Asylums.	8865	2296	6560	17	G.O. No 2469 of 25th Sept. 1879 Item No 55 (Class B Works) of 1880-81 Budget.
Miscellaneous.	Do	Nedduvattum	18	Chinchona Buildings	32700		32700	18	G.O. No 244 of 1880-81 Budget Estimate Submitted to Govt. vide this office No 153 of 9th July 1880.
	Do.	Mamanbaddy	19	Foresters House	12200		12200	19.	Estimate Submitted to Govt. with this office No 228 of 24th August 1880.
	Do.	Chaddalatti.	20.	Rangers House.	4030.		4030	20.	Estimate under Consideration.
			21	Grant for minor Works, the Estimated Cost of which does not exceed Rs 2500 each.			5000	21	
				Total Civil Buildings Communications Civil Establishments Fire Police Establishments			213040		

Public Works Budget Estimate.

Part I Concluded

Abstract of the Grant provided in Part I.

	Provincial Services.	Contributions	Total.
	Rs.	Rs.	Rs.
Civil Buildings—	2,13,040		2,13,040
Communications—			
Mis Public Improvements			
	2,13,040		2,13,040.

Public Works Budget Estimate. Part II

Detail of the Budget Estimate of Repairs to Public Works under Provincial Services for the year 1880-82.

Head of Classification Division Locality	Items.	Estimate 1881-82. Amount	Estimate 1880-81. Total Amount
	Civil Buildings.		
Provincial Services.			
Miscellaneous Chingleput.	Annual Repairs	1000	100
Coimbatore.	—Do.—	1000	950
North Arcot.	—Do.—	300	250
Salem.	—Do—	300	1650
Wet Coast.	—Do.—	1000	
Total Civil Buildings.		3,600	3250.
	Communications.		
	Nil		
	Mis Public Improvements.		
	Nil.		

Provincial Service.

Second Series.

Public Works Budget Estimate

Part II. (Concluded)

Abstract of the provision made for Repairs.

	From Provincial Service.	From Contributions	Total.
Civil Buildings	3,600		3,600.
Communications			
Sea Public Improvements			
Total	3,600		3,600.

Provincial Service.

Second Series.

Public Works Budget Estimate. Part II.

Detail of the Budget Estimate for Roads and Bridges under Provincial Service for the year 1881-82.

Divisions.	Surveys, Estimates & Inspection.	Landslips.	Roads.	Bridges.	Offices.	Quarries.	Sundries.	Establishments.	Total Repairs.	Estimate 1881-82.
	£	£	£	£	£	£	£	£	£	£
West Coast.	500		6,500					1,000	7,500	7,500.
Add 5 per cent on the Grant of £ 90,000 for Provincial Service Works & Repairs to be executed in the following Irrigation Districts.										
Canterbury.			11,000							
Ashburton.			19,000							
Selwyn.			17,000							
			21,000							
			90,500.							
Total.										

Provincial Services.

Second Circle.

Public Works Budget Estimate

Appendix A.

Distribution of the Grants for 1881-82 under Provincial Services arranged by Departments and objects of work.

	Major original Works.	Repairs	Total	Salaries, Establishment.	Tools and Plant.	Total 1881-82	Estimated 1881-82
Civil Buildings.							
Imperial Provincial Services.							
Administration	—	76,350	.	.	76,350		
Law and Justice	—	59,300	.	.	59,300		
Provincial Services							
Provincial							
Jails.	—	7,580.	.	.	7,580		
Police	—	3610	.	.	3610		
Registration	—	5710	.	.	5710		
Medical	—	6560	.	.	6560		
Miscellaneous	—	48,930	.	3600	52,530		
Minor Works.	—	.	5000	.	5000		
Total Civil Buildings.		208,040	5000	3600	216,640		
Communications							
Rail							
Irrig. Pub. Improvements.							
Rail							
Total Provincial	—	208,040	5000	3600	216,640	52,67*	29,857

* Exclusive of the grant for Establishment.

P.W.D.
RECEIVED
No. 1161

2nd Revised budget

Public Works Department

Land Customs
Financial Dept.
No. 55
250

Official Memorandum.

The Chief Secretary has the honor to inform the Secretary to Government Public Works Dept. that the grants in the Provincial Budget for 1881-82 on account of Public Works are as follows:-

Public Works Rs 13,10,608.
Irrigation & Navigation. 3,27,972.
Grants to Local Funds. 1,25000.

Fort St George
11th January 81.

J. Davidson.
Chief Secretary

To
The Public Works Department

P.W.D.

Public Works Department

P.W.D.

P.W.C. 179.

Rec'd 12-1-01

Secy. Board

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 20th

Read the following :—

PL

Executive Engineer, Cuddapah } (M.E. No. 2407 of 15th Oct. 01)
Do. Do. (" " 2456 " 18th Nov. 01)
Asst. Engr. Proddatur (" " 335 " 18th Oct. 01)
Do. Do. (" " ——— " 20th Oct. 01)
Do. Do. (" " ——— " 25th " 01)
Do. Do. (" " ——— " 29th " 01)
Do. Do. (" " ——— " 2nd Nov. 01)
Do. Do. (" " ——— " 7th " 01)
Do. Do. (" " ——— " 9th " 01)
Do. Do. (" " ——— " 30th " 01)
Supdt. of Works, Kistna (" " 1515 " 29th Oct. 01)
Do. Do. Provisional (" " 2540 " 8th Nov. 01)
Do. Buckingham Canal (" 1858 " 14th " 01)
Do. Cuddapah (" 2683 " 11th Nov. 01)
Do. Do. (" 2272 " 11th Nov. 01)
Engr. Architect (" 421 " 29th Oct. 01)
Agt. President Municipal Chairman } (" No. 426 " 6th Nov. 01)

From the Private Secy
to His Excellency the Governor
General Despatch
P.W. Department

Rec'd 22nd N.

Secret

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 27th January 1881

Read the following:—

Official Memorandum
from the Chief Secy: Govt
Pro: to the Finl Departt

P 4

The Financial Statement herewith assigned to the Public Works Deptt to be allowing Provincial Funds for 1881-82.

1. For the Public Works under Provincial Rs 13,10,608
2. For Irrigational Navigations under do 3,27,972
16,38,580

NFC

2. For to allowing the below alteration in modern of the summary Rs 13,10,608 assigned under the Finl Statement.

RF

Original

Original Works.

Civil Buildings ——— 2,00,000
Communications ——— 95,000
Miscellaneous Public Improvements including the Refund to Extraordinary Municipal of the Indian Civil Service Projects 50,000
Total ——— 4,45,000

Repairs

Civil Buildings ——— 44,175
Communications ——— 2,1,058
Miscellaneous Public Improvements ——— 3,000 ——— 9,5,233
Establishment ——— x 1,16,597
Roads and Plant ——— 27,762
Contingencies ——— "
Recurrent Maintenance ——— 92,485
Total 13,10,603

3. The sum of Rs 3,27,792 assigned for Irrigation and Navigation under Provincial ~~Control~~ Control

x Excludes contributions from other sources.

(Offg Comptroller (Fin)

Original Works - Rs 1,65,792
Repairs ——— " 92,000
Establishment - 65,000
Roads and Plant - 5,000
Total - 3,27,792

4. The Provincial Grant-in-aid of Rs 1,65,000 and the Local Fund Grant-in-aid Rs 1,62,000 under the Provincial Public Works Budget Estimate under the heading Irrigation in the margin. The allotment of Rs 30,492 for the Grand Canal in the Tanjore District and Rs 3,42,000 of 20th October 1930, should therefore be made by the Provincial Govt

L. Dlr 1570 dt - 14th June/27
" " 2503 dt. 20th Oct/27

for the above purpose
of Rs 1,20,000.

5. All unutilised works
grants in 1900-01, down
classified into two classes
A and B - the former
comprising works which
it has been decided to
undertake, and for
which specific appropriation
is made in the budget,
and the latter including
works not yet finally
decided for but for which
funds will, as far as
possible, be made
available hereafter,
should the necessity
for undertaking them

be clearly established.
6. It will be distinctly
understood that no
expenditure whatever
is to be incurred on
class B works unless
specific appropriation
is subsequently granted.

7. With these remarks
the Provincial Budget
Estimates for 1901-02
is circulated for the
information and
guidance of the Officers
of the Department.

8. The Government
of India will be
addressed on the
questions of the

No. 2256 Wks/ 27th June/85

To,

The Secretary to the
Govt of India, M.W.D.

Sir,

I am forwarding herewith
the Provincial and Local
Incorporated Budget of
the Dept for 1885-86 I
am directed to invite the
special attention of the
Govt of India to the
increase in charges thrown
upon Provincial Funds
by the present method
of calculating the deficits
of establishment.

2.

The Secretary to the
Government of India
in Municipal Department.

Abbott

22/1/85

Forwd 5-3-85
M. Comm 8-3-85

Copy Comptr's No. 11-85
Copy of Accts No. 1-85
Copy of Letter No. 45
Comptr's No. Accts No. 85
Revn Officer No.
Bd of Revn No.
Revenue and Local Funds
Civil Funds
Police
Irrigation
Miscellaneous

2. It will be seen that the total cost of the establishment is Rupees 16,23,266, being Rs 2,37,233 in excess of the estimate for 1880-81.

3. This excess is due firstly to the increases lately sanctioned* in the upper grades of Executive and Assistant Engineers and Subordinates, secondly to certain increases in office establishments which the experience of the past year has shown to be absolutely necessary, and which have had an ex- fact to be provided

* Govt of India letter No. 1918 G of 16th November 1880.
Resolution No 1789 G of 15th October 1880.

P.S. 227

for by temporary sanctions during the current official year, to prevent work from falling into arrears, and thirdly to an increase in the provision for travelling allowances, the cost of this item having been considerably under-estimated in the budget for the current year.

4. It must here clearly understood that the establishment herein provided for is not considered by this Government as sufficient for the requirements of the Presidency, this subject

is now being separately
brought before the Govt
of India, and so only
alluded to here partly
as a means of preventing possible
misunderstanding thereon.

5. The point to which I
am now directed specially
to draw the attention of
the Govt of India is the
distribution of the Establish-
ment charge between the
various heads of service.

6. The total grant at
the disposal of the Govt.
in the P. W. Dept. for
the year 1881-82 is

as follows:-

Imperial Irrigation	25,43,000 (a)
Military	4,70,000
Other Services	3,38,002
Provincial	15,38,580 (b)
Local & Special (approx.)	4,50,000
	53,39,582

(a) Includes } a sum of R 1,00,000
(b) Includes } to be refunded from Provincial
to Irrigation on account of the
Madras Water Work.

Of this sum R 1,49,310
is the cost of the Irrigation
Conservancy and Navigation
establishments, which,
for reasons which will
be explained hereafter
must be excluded from
any calculation of the
proportionate cost of
works and establishment.

7. The total provision
for tools and plant

amount to Rs ~~1,55,564~~ 1,53,517.

Deducting this and the above mentioned sum of Rs 1,49,310, from the total grants there remains a balance of Rs ~~5,06,925~~ 5,22,705 for Expenditure on works and establishment.

8. The total cost of the establishment is as stated above Rs 16,23,266, from which have to be deducted 1st The sum of Rs 1,49,310 provided for the Irrigation Conservancy Establishments 2nd Rs 10,000 on account of Expected savings from the upper grades in each class not being fully

filled up. 209

3rd Rs 6,000 on account of recoveries from other departments for work done in the Lithographic branch of the S. W. Secretariat.

9. The actual cost of establishment to be compared with the Expenditure on works is thus Rs 14,57,956, and the total sum available for the latter object is Rs ~~35,29,744~~ 35,29,744, so that the cost of establishment is 40·84 per cent of the Expenditure on works.

10. If the Establishment charges were distributed over the different heads of service proportionately with the Expenditure on work the above mentioned sum of Rs 14,57,956 would be thus distributed

Imperial Irrigation	6,69,000
" Military	1,35,000
" other Service	95,000
Provincial	4,33,000
Local & Special	1,27,000
	14,55,000.

But by the existing rules Imperial Military and other services, Local and Special are debited with only twenty five per cent in the works for Irrigation. Irrigation is debited with twenty five per cent in addition to the pay of establishments employed for Irrigation purposes, which (omitting the cost of Government establishments) raises the actual debit to Irrigation to about twenty nine per cent.

11. The result is that the establishment charges are distributed as follows

Imperial Irrigation	4,77,925
do Military	92,157
do Other Services	66,275
Local and Special	90,000
Provincial—	731,599
	1457956

In other words Provincial funds

funds are debited with the following sums on account of establishment, fortnightly chargeable to other heads of service:

Imperial Irrigation	£11,000
Do Buildings	13,000
Do Other Items	29,000
Local and Special	37,000
	£250,000

and as the amount of the £250,000 is deducted from the amount available for Provincial Works, the proportion of establishment charges under the latter heads receives the enormous figure of eighty three per cent

12. In my letter No 266 of 3rd February 1880 it was suggested that the cost of the Irrigation establishments maintained from Imperial funds should similarly be charged to Irrigation or Provincial according to the nature of the work in which the establishment was chiefly employed, and that the charges for direction should be distributed in what appeared a fair proportion between these two heads, which again were to be credited with twenty five per cent on the value of work done under heads of service other than those which the Divisions to which the establishments concerned belonged, a corresponding debit being raised against each head. Calculated on this principle the charge to Irrigation for 1881-82 would be approximately £80,000 instead of £20 as at present

Rs 498,000, a corresponding saving being effected under Provincial; this debit to other heads would remain unallocated. Mr. Lamb to state that in the opinion of the Right Honorable the Governor in Council, this principle is the only one which ensures a proper distribution of the establishment charges, but that looking to the altered conditions now obtaining the percentage charged to heads of service other than Provincial and Irrigation should be forty and not twenty five per cent; this correction would reduce the debits to Irrigation and Provincial, and the actual

distribution

distribution for the ensuing year would run as follows

Irrigation	716,000
Building	132,000
Other Revenue	93,000
Provincial	3,93,000
Local & Municipal	134,000
	11,55,000

14. If however this principle does not commend itself to the Government of India and a fixed percentage must needs ensue on the charges to all heads other than Provincial, I am directed to urge strongly that this percentage should be fixed at forty instead of at twenty five per cent.

15. If this proposal be adopted, Mr. Lamb to state that in the opinion

opinion of the Right Honorable the Governor in Council, the percentage might fairly be held to cover the cost of the Chief Engineer for Irrigation and his establishment and of all charges now debited over and above the twenty five per cent on works, to Irrigation with the exception of the Irrigation Conservancy, water-regulation and navigation establishments.

b. These latter establishments have no connection whatever with the works & expenditure

[illegible] of the Chief Engineer [illegible] Irrigation [illegible] establishment [illegible] Irrigation Conservancy, water-regulation and navigation establishments [illegible] [illegible] [illegible]

establishments in the
10 &c. &c.
17 the proportion of fifty
per cent has not been main-
-tained as far as Irrigation
works are concerned, but
the latter cannot be ne-
-glected, and it will be
explained in a separate
communication how
these works may be
undertaken, and the
proportion of the
Revenue thus distri-
-buted as regards irrigation
at all events the actual
cost of establishment

the works expenditure
than the twenty five
per cent at which it
has been fixed by the
Govt. of India.
18. In the foregoing Pro-
-vince the Irrigation
Revenue is collected by
the Public Works estab-
-lishment, and the cost
of the latter must be
divided between "Revenue
Collection" and "Works"
before any true idea
can be formed as to the
actual proportion
borne by the latter
to the works expenditure.
19 In Madras it is found
that the total cost of
collection is less than

North Western Provinces
and Punjab at twelve
and a half per cent,
being one fourth as
much again as it pro-
-bably does cost. De-
-ducting this amount
from the total cost
of the P.W. Establishments
it is found that the
proportion which the
balance (representing
the true charge for
P.W. supervision) is
42.07 per cent on the
net Ro expenditure
in North Western Pro-
-vinces, 37.66 per cent
in the Punjab and
86.54 in Bombay
the average of the three,

23. Of these the chief are
1st the nature of the
works which are nu-
merous, small, and
scattered -

2nd The large proportion
which the expenditure
on maintenance and repairs
(notoriously more ex-
pensive in supervision
than new works) bears to the
total expenditure; this cause
would be removed by a
more liberal allotment
of funds for expenditure
on new projects.

3rd The more economical
management of the Madras
works as compared with
those of other Provinces -

24 The first and second of
the above causes require
no special remark, the

smaller proportion to the
works expenditure than
is now the case.

25. The table referred
to shows only the charges
connected with Irrigation,
because these happened
to be immediately accessible
and capable of being
presented in a form ad-
mitting of easy comparison,
but it is believed that a
comparison of accounts
would show similar
results in other directions,
and that all works of
maintenance, whether for the
accommodation of a given
number of troops, for a
given number of miles
of road, or for the irriga-
tion of a given area, are

Sub being a Municipal
Revenue to the Funds of
Cuddal - Bills charged to
the third item of expenditure
that the expenditure
on maintenance (exc-
-luding of establishment)
varies from 10·54 thousands
of the revenue in the
N. W. P. to 35·62 per cent
in Bombay Deccan and
it is only 8·02 per cent.
It is obvious that if
maintenance charges
in Madras rose to the
same level as even
the smallest of the
above figures, the
establishment charges
(which would not be
increased) would bear a much

far more economically managed in Madras than elsewhere, and this economy is not due to lower rates of labour or materials.

26. It needs but little argument to show that if the execution of a given amount of work is done in one Province for a lac of rupees while another spends two lacs thereon, the actual establishment in the latter may be much greater than in the former, though its proportionate amount may be much less.

27. If due weight be given to these facts, it is believed that the high percentages of establishment charges in Madras will not be matter for surprise, but in giving case I am to submit that unless the Govt. of India are prepared to indicate a direction in which reduction is feasible, that Govt. should ~~demur to their proportion~~ accept its fair share of the cost of such charges.

27. The manner in which the interests of this Presidency have suffered from the postponement of works urgently required as a consequence of the debit to Provincial funds of so large a proportion of the establishment charges is now being specially dealt with in my letter on our normal establishments, and I am directed to submit to the

(or pay by one eighth)
in order that the establishment charges may be not pertinent encroaching on the provision already too limited, for works.

21.7

21/1/81

Carried
21-2-81

Statement of Revenue and working expenses of Irrigation.

	Madras 1875-76	Bombay 1876-77	North Italian Provinces 1878-79	Punjab 1878-79	
Area irrigable ..... Cultivated acres	5866 (a)	28 (a)	1077 (a)	897 (a)	
Revenue ..... " Rupees	19697 (a)	146 (a)	5825 (a)	3818 (a)	(a) Actual from Administration Reports
Cost of establishment .. Total ... "	2512 (a)	60 (a)	902 (a)	432 (a)	(b) Actual, Rs 1,20,000 Canal Survey establishment
" " " Revenue ... "	2090 (b)	15 (a)	66 (d)	418 (d)	(c) Estimated at 10 per cent + Rs 120,000 Canal Survey establishment
" " " Profit ..... "	422 (c)	45 (a)	236 (a)	314 (a)	(d) Estimated at 12½ per cent on Revenue.
" " Working Expenses ... "	1079 (c)	22 (a)	561 (a)	834 (a)	
Percentage of Revenue } Establishment	10.61	10.27	12.50	12.50	
Profit	2.14	30.81	4.43	9.38	
Total working expenses	5.02	35.62	10.54	21.86	
Percentage of working expenses to Revenue	20.77	76.70	24.47	43.74	
Total working expenses per acre - Rupees	26.45	82.54	42.07	37.66	
	0.81	1.89	1.85	1.75	

Note. The figures given in the table are taken from the latest available returns in Bombay, the North Italian Provinces and Punjab; it is to be noted that the returns for Bombay in 1878-79 were more unfavourable than for 1876-77. The figures for Madras are for 1875-76 as that is the latest year which can be considered normal, the famine in 1876 — 1878 and the reductions in 1879 having rendered any further returns impracticable.

In Bombay the "working expenses for area" the area irrigated in previous years being taken to be the "Kharif" or "Rabi" whichever is the larger, and not the two together.

Special

177
3 [illegible]

Govt. of [illegible] Madras.

PUBLIC WORKS.

To

Dated

Issued

Encl. Encl.

G. O. No. [illegible] dated [illegible] 187 No. [illegible]

Nos. 103 104
105

Forg: the Purchase of
Coal & Engineers
Stores of the Forest
Dept 1881-82.