Proceedings of the Madras Government, Public Works Department, *14th March* 1877. *No.* 856.

Read the following papers :—

No. 296.	Proceedings in the Financial Dept., dated	8th Nov. 1876,	No.	2,001.
No. 297.	Do. do. do. „	17th „ „	„	2,058.
No. 298.	Do. do. do. „	15th Dec. „	„	2,313.
No. 299.	Do. in the Revenue Dept., „	23rd Jan. 1877,	„	295.
No. 300.	Do. in the Financial Dept., „	27th „ „	„	295.

No. 301. Proceedings of the Madras Government in the Financial Department, dated 2nd February 1877, No. 368.

His Grace the Governor in Council resolves to assign a sum of Rupees (14,48,600) fourteen lacs forty-eight thousand and six hundred from Provincial Funds for expenditure on Public Works in 1877-78.

2. Of this Rupees 20,000 will be given in the form of the usual grant to the Chetterpore Circle as compensation for the enhanced price of salt, and will be distributed as under :—

	RS.
For Works	16,000
For Establishment	4,000
	20,000

The amount to be placed at the disposal of the Public Works Department will then be Rupees 14,28,600.

3. As Provincial Funds have to bear the balance of the cost of the Public Works Establishment, after debits have been made to Imperial and Local Funds at a fixed percentage on the expenditure on works, the charge is a difficult one to estimate with any degree of certainty, but the Government consider that not less than Rupees 5,50,000 should be provided, this having been, in round numbers, the charge for 1875-76, inclusive of a grant of Rupees 3,00,000, to Local Funds. For 1877-78 Rupees 4,000 only are assigned as a grant to Local Funds on account of Establishment, and consequently Rupees 5,46,000 must be provided on that account in the Provincial Public Works Budget, leaving Rupees 8,82,600 for expenditure on works.

4. In the event of its being found possible hereafter to assign any further amount to Local Funds as a grant for works, the debit to those Funds on account of Establishment will be increased by 25 per cent. on that amount, and the direct debit to

Provincial Funds reduced by a similar sum, which will consequently be resumed by the Financial Department for assignment to the local bodies in question, along with the grant for works.

(True Extract.)

(Signed) W. HUDLESTON,
Chief Secretary.

No. 302. Proceedings in the Financial Department, dated 6th February 1877, No. 420.
No. 303. From the District Engineer, Godavery, dated 31st Oct. 1876, No. 2,164.
No. 304. From " " " " 9th Sept. " " 1,642.
No. 305. From " " Kistna, " 20th Oct. " " 84.
No. 306. From " " Cuddapah, " 20th " " " 1,594.
No. 307. From " " Kurnool, " 2nd " " " ——
No. 308. From " " Presidency, " 5th Jan. 1877, " 5,115.
No. 309. From " " Chingleput, " 31st Oct. 1876, " 2,649.
No. 310. From " " " " 17th Nov. " " 2,903.
No. 311. From " " North Arcot, " 28th Sept. " " 2,070.
No. 312. From " " South Arcot, " 22nd " " " 119.
No. 313. From " " Salem, " 23rd Oct. " " ——
No. 314. From " " " " 2nd Nov. " " 106.
No. 315. From " " Bangalore, " 3rd Oct. " " ——
No. 316. From " " Tanjore, " 10th Nov. " " 2,148.
No. 317. From " " Trichinopoly, " 3rd Oct. " " ——
No. 318. From " " Coimbatore, " 6th Sept. " " ——
No. 319. From " " Nilgiris, " 9th Oct. " " ——
No. 320. From " " Malabar, " 12th " " " ——
No. 321. From " " South Canara, " 18th Nov. " " 58.
No. 322. From " " Tinnevelly, " 30th Oct. " " 115.
No. 323. From the Consulting Architect to Govt., " 3rd " " " ——
No. 324. From Private Secretary to His Grace the Governor, dated 16th November 1876, No. 694.
No. 325. From Examiner of Public Works Accounts, dated 11th December 1876, No. 332 W.

No. 326. ORDER THEREON, 14th March 1877, No. 856.

ACCOUNT, No. 24.

THE grant from Provincial Funds assigned to the Public Works Department in Financial Order No. 368, dated 2nd February 1877, is Rupees 14,28,600, and is distributed as follows.

	RS.	RS.
Original Works.		
Civil Buildings	3,12,994	
Communications	2,18,200	
Minor Works at disposal of District Engineers	11,000	
Reserve for incomplete works at the disposal of Government	80,961	6,23,155
Repairs.		
Civil Buildings	1,32,855	
Communications	46,133	
Miscellaneous Public Improvements	7,300	1,86,288
Tools and Plant	...	73,157
Establishment	...	5,46,000
Total, Provincial ...	...	14,28,600

2. The grant for Minor New Works at the disposal of District Engineers is as follows.—

Districts.	Executive Division.	Civil Buildings.	Miscellaneous Public Improvements.	Total.
		RS.	RS.	RS.
Bangalore	Bangalore	500	...	500
Bellary	Bellary	400	...	400
Coimbatore	Coimbatore	500	...	500
Chingleput	Mount	400	...	400
Ganjam	Barampore	400	...	400
Godavery	Eastern Delta	500	...	500
Kistna	Masulipatam	500	...	500
Madura	Madura	400	...	400
Malabar	Calicut	500	250	750
Nellore	Southern	400	...	400
Nilgiri	Nilgiri	400	250	650
North Arcot	Vellore	400	...	400
Presidency	Presidency	2,500	...	2,500
Salem	Salem	400	...	400
South Arcot	Cuddalore	400	...	400
South Canara	Mangalore	400	...	400
Tanjore	Tanjore	600	...	600
Trichinopoly	Trichinopoly	500	...	500
Vizagapatam	Vizianagram	400	...	400
		10,500	500	11,000

3. Out of the annual grant for Police Works, it will be observed that Rs. 6,100 have been appropriated in the budget for Major Works, and Rupees 15,000 for Repairs, leaving Rupees 38,900 to be provided from the Reserve, appropriations from which will be made as estimates are sanctioned.

4. A separate Budget has been prepared for the works to be undertaken from the Port, Convict Labor and Canal and Ferry Funds. Provision for such works was hitherto made in the Provincial Budget under a distinct column provided for the purpose, and which was headed "Special."

5. The sum of Rupees 22,219 has been provided under Port Funds for Works, Repairs and Establishment Charges, and to this amount Rupees 2,500 (2,000 for

Works and 500 for Establishment) have been added for the completion of the Lighthouse at Cocanada, with reference to G.O., No. 2,313, Financial Department, dated 15th December 1876.

6. The grant for Convict Labor Fund Works has been fixed at Rupees 40,000 in Financial G.O., No. 295, dated 27th January 1877. Out of this sum Rupees 32,000 have been appropriated to District Jails at Vizagapatam and Palamcottah, leaving Rupees 8,000 for Establishment Charges.

7. The grant for Canal and Ferry Fund Works has been fixed at Rupees 36,060 in G.O., Revenue Department, No. 295, dated 23rd January 1877. This amount includes a provision of Rupees 7,210 for Establishments.

(True Extract.)

(Signed) W. FAREWELL, Colonel,
Acting Joint Secy. to Govt., P.W.D.,
Buildings and Roads Branch.

To District Engineers.
To the Examiner of Public Works Accounts.
„ Financial Department.
„ Judicial „
„ Marine „
„ Educational „
„ Public „
„ Revenue „
„ Board of Revenue.
„ Accountant-General.
„ Master Attendant.
„ Consulting Architect.
„ Inspr Genl of Police

Exd. S. T. Austin.
Spare Copies

Govt. of {1877} Madras.

PUBLIC WORKS.

To

DISTRICT ENGINEERS,
&c., &c., &c.

Dated March 14th.

Issued

Recd. *Encl.*

G. O., 14th March 1877, No. 856.

MARCH

Nos. 296-323.

Public Works Provincial Budget for 1877-78.—Passing orders on —.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, *14th March* 1877.

No. 327.

No. 857.

FROM

THE ACTING JOINT SECRETARY TO THE GOVT. OF MADRAS,
Public Works Department, Buildings and Roads Branch,

TO

THE SECRETARY TO THE GOVERNMENT OF INDIA,
Public Works Department.

ACCOUNT, No. 25.

SIR,—With reference to your telegram of the 20th ultimo, I am directed to forward the Budget* of Works proposed for execution by officers of the Public Works Department during 1877-78 from the grant for Provincial Services, together with a copy of the Proceedings of this Government, No. 856, dated 14th March 1877.

2. Printed copies will follow.

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

Colonel,
Acting Joint Secy. to Govt., P.W.D.,
Buildings and Roads Branch.

Exd. S. T. Austin.
Spare Copies

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* In manuscript.

GOVERNMENT OF MADRAS.

FINANCIAL DEPARTMENT.

27th January 1877, No. 295.

Convict Labor Fund.

Read the following paper:—

No. 354. *From Major T. E. TENNANT, Inspector-General of Jails, to the Chief Secretary to Government, dated Madras, 23rd January* 1877, *No.* 27.

I have the honor to forward the Convict Labor Fund Estimate for the year 1877-78.

No. 355. ORDER THEREON, 27th January 1877, No. 295.

The Convict Labor Fund Budget for 1877-78 opens with a balance on 1st April 1877 of Rupees 16,448, but how this has been arrived at has not been shown in the estimate nor in the covering letter from the Inspector-General of Jails.

2. Accepting the opening balance as correct, and also the estimated receipts, amounting to Rupees 50,000, which is Rupees 10,000 in excess of the anticipated receipts in 1876-77, the aggregate amount available for expenditure in 1877-78 is Rupees 66,448.

3. The Inspector-General of Jails has not suggested any works on which the money may be expended; the Governor in Council resolves, therefore, as in last year, to assign a lump sum of Rupees 40,000 for works appertaining exclusively to Jails, and desires that the amount be appropriated by the Public Works Department.

(True Extract.)

Chief Secretary.

To the Public Works Department.
" Inspector-General of Jails.
" Accountant-General.

Exd. A. Grubert.

10L

Proceedings of the Madras Government, Revenue Department, *23rd January 1877.*

No. 650. Read the following Proceedings of the Board of Revenue, dated 30th December 1876:—

Read letter from the Collector of Chingleput, dated 23rd November 1876, No. 659.

ENCLOSURE No. 1.

Extracts from the letter of the Collector of Chingleput District, dated 23rd November 1876, No. 659.

* * *

6. *Cochrane and Sadras Canal Fund.*—In the current year's budget the collections from tolls and license fees on the northern and southern canals were fixed at Rs. 45,000; but owing to drought, and the consequent unnavigable state of the canals, there has been a large falling off in the traffic, and hence only Rs. 37,500 are entered in the regular estimate and a sum of Rupees 41,700 are entered in the next year's budget with reference to the average collections of ordinary years.

* * * *

11. *Cochrane and Sadras Canal Fund.*—There is a net decrease of Rs. 14,940 in the expenditure proposed under this head, which is due to no special provision having been made in the next year's budget for deepening the southern canal from the Adyar to Sadras and the northern canal from the Elephant Gate Bridge, Madras, to the Pulicat Lake as in the current year, and the consequent decrease in the cost of Public Works Supervision, though an increase of Rs. 2,600* is proposed for the special deepening and maintenance of the canal in the Nellore District, and a corresponding increase made in the provision for Public Works Supervision.

	RS.
In 1876-77	54,370
„ 1877-78	39,430
	14,940

	RS.
* Special deepening	1,500
Maintenance	1,100
Total...	2,600

(True Extracts.)

(Signed) R. W. BARLOW,
Collector.

(True Copy.)

(Signed) H. E. STOKES,
Acting Secretary.

THE Board resolve to submit, for the approval of Government and for transfer to the Public Works Department, the detailed budget of expenditure out of the Cochrane and Sadras Canal Fund for the year 1877-78 with reference to the G.O., Revenue Department, dated 31st March 1875, No. 600.

2. The total budget estimated receipts and charges of the Fund are given below compared with those of the current year :—

Years.	Estimated Balance at the beginning of the year.	Estimated Receipts.	Total.	Estimated Expenditure.	Balance at the close of the year.
	RS.	RS.	RS.	RS.	RS.
1877-78	595	41,900	42,495	39,430	3,065
1876-77	13,730	45,050	58,780	54,370	4,410

3. The Collector enters Rs. 732 as the opening balance of the ensuing year, but the amount should be Rs. 595 after deducting Rs. 110, the allotment sanctioned for certain work in the current year, and the cost of supervision thereon Rs. 27, which does not seem to have been taken into account in the Collector's Regular Estimate.

Board's Proceedings, dated 8th July 1876, No. 5,767.

4. The expected receipts amount to Rs. 41,900, or Rs. 3,150 below those of the current year, the amount adopted for the estimate being the average collections of ordinary years.

5. The proposed expenditure is classified as follows :—

—	1877-78.	1876-77.
	RS.	RS.
By Public Works Department. New Works...	8,150	8,150
By Public Works Department. Repairs ...	20,700	32,650
	28,850	40,800
Petty Establishment	1,980	1,980
Cost of Supervision at 25 per cent. on the proposed expenditure minus the cost of Petty Establishment	5,230	8,220
Establishment and Contingencies	3,370	3,370
	39,430	54,370

6. The total allotment for New Works and Repairs is Rs. 28,850 against Rupees 40,800 in the current year's budget. The decrease of Rs. 11,950 is due to no special provision having been made in the budget for deepening the southern canal from the Adyar to Sadras and the northern canal from the Elephant Gate Bridge, Madras, to the Pulicat Lake as in the current year, and to the consequent decrease in the cost of Public Works Supervision.

7. It is observed that the first work in the budget was shown in the budgets of 1873-74, 1874-75, and 1876-77, but the work does not appear to have been yet commenced. The Collector is requested to explain why its execution has not been undertaken.

(True Extract.)

(Signed) H. E. STOKES,
Acting Secretary.

No. 651. ORDER THEREON, 23rd January 1877, No. 295.

Miscellaneous.

THE Budget of receipts and expenditure of the Cochrane and Sadras Canal Funds for 1877-78 is approved, and will be transferred to the Public Works Department.

(True Extract.)

Secretary to Government.

To the Board of Revenue.
,, the Public Works Department. Sent with 2 enclo
,, the Financial Department.

4/28-5-77
7212

39400
36030
3370

Exd. A. F. Goodall.

20 Copies sent

Proceedings of the Madras Government, Financial Department,
8th November 1876. *No.* 2001.

Budget Estimate.

No. 74. *Read the following letter from J. H. TAYLOR, Esq., Lieutenant, R.N.R., Master Attendant, Madras, to the Chief Secretary to Government, dated Madras, 12th October* 1876, *No.* 6031 :—

Administrative Department.

I have the honor to forward the undermentioned budget statements for the official year 1877-78 :—

(1.) Estimate of Disbursements.
(2.) Do. of Receipts.
(3.) Do. of Receipts and Disbursements, Port Fund.
(4.) Do. of Lighthouses, Imperial.
(5.) Do. of do. Port Fund.
(6.) Do. of Receipts, Provincial.
(7.) Do. of Disbursements, do.

2. It will be seen that the estimate of receipts under Imperial amounts to Rupees (6,000) six thousand, showing an excess over the estimate for 1876-77. The actuals of 1875-76, Rupees (10,716) ten thousand seven hundred and sixteen, were duly taken into consideration, and as the chief item of the same, viz., the value of coal supplied to Government transport steamers amounted to Rupees (4,080) four thousand and eighty, it has been deemed advisable to fix the estimate as above stated, including the other petty receipts realized under Imperial. The receipts under Provincial form the average of the actuals of the past three years. Those under Port Fund are the same, and it will be observed that the amount exceeds the actuals of 1875-76, which is owing to the large balance which it is expected will remain at the beginning of the ensuing year.

3. The Government of India having declined to sanction the increases recommended to the salaries of the Outports' Masters Attendant, the amount has been omitted in the estimate of disbursements, and it consequently exhibits a decrease as compared with the estimate for 1876-77. The estimate for lighthouses under Port Fund shows a slight increase in the contingencies, but they have been fixed according to the averages of the actuals of the past three years. The one under Imperial likewise exhibits an increase. This is, however, owing to a sum of Rupees (1,200) one thousand and two hundred being included in the contingencies of the Pulicat Light-house, for the purchase of the casuarina plantations near the light-house in order to clear them of the trees which not only harbor insects which at night surround the lantern in myriads and obscure the light, but obstruct the view of the light coastwise. The matter, which is an important one, is now in the hands of the Collector of Chingleput, who will address the Government in due course.

4. In conclusion I beg to state that the amount required for the establishment and contingencies of the light about to be exhibited at Calingapatam has been entered at foot in the estimates, Marine and Lighthouses, under Port Fund, as the charge has not yet been sanctioned by this Government.

No. 75. ORDER THEREON, 8th November 1876, No. 2001.

The estimated receipts of the Marine Department under the heads of Imperial, Provincial, and Port Funds for 1877-78 are compared below with the actuals of 1875-76 and the estimate for 1876-77 :—

RECEIPTS.

	Actuals for 1875-76.	Estimate.	
		1876-77.	1877-78.
	RS.	RS.	RS.
Imperial	10,716	4,000	6,000
Provincial	30,160	24,000	26,000
Port Funds	3,38,151	3,71,862	4,16,446

2. The Master Attendant explains the advance in the estimated receipts under "Imperial." That under Provincial is warranted by the fact that the actuals in 1874-75 amounted to Rupees 24,373, and in 1875-76 to Rupees 30,160. The estimate* for 1877-78 will remain undisturbed. The considerable variation in the estimate of Port Fund Receipts is consequent on the "large balance which it is expected will remain at the beginning of the ensuing year." The same reason probably accounts for the receipts under 1876-77† being shown in the estimate at a higher figure than that accepted in G.O., dated 16th October 1875, No. 2050.

* Rupees 26,000.

† Rupees 3,71,862.

Rupees 3,15,038.

3. The estimate of charges follow the same sub-divisions as the receipts.

4. *Imperial.*—Under this head provision has been made for—

	Actuals for 1875-76.	Estimate.	
		1876-77.	1877-78.
	RS.	RS.	RS.
Establishments and Contingencies... ...	57,796	63,226	59,566
Lighthouses	10,292	11,453	12,615

5. The Master Attendant has explained the decrease under establishments, &c., as compared with the current year's grant. The provision for 1877-78, however, slightly exceeds the actuals for 1875-76. The Governor in Council accepts the estimate, but desires explanation of the grounds under which an allotment of Rupees 21,650 is made for "Contingencies" against "Outports under Master Attendant," when the expenditure incurred in 1875-76 did not amount to more than Rupees 11,340.

6. The charge for "Light-houses" exceeds bothactuals and grant and is admitted, it appearing that Rupees 1,200 have been "included for the purchase of the casuarina plantations near the Pulicat Light-house" in view to the better exhibition of the light.

Actuals for 1875-76.	Estimate.	
	1876-77.	1877-78.
RS.	RS.	RS.
327	1,624	394

7. *Provincial.*—The charges under this head are small and relate exclusively to lighthouses. Between the proposed estimate and past expenditure the difference is small. The estimate for 1876-77 included an allotment of Rupees 1,200, being increase of pay for the Master Attendant at Paumben. The Government of India having withheld their sanction to the increase, it has been omitted from the estimate for 1877-78. The Public Works Department will be requested to state the probable outlay which will be needed during 1877-78 in connection with the Paumben Channel in view to provision being made for the purpose in the General Provincial Services Budget.

8. *Port Funds.*—The estimates provide—

(*a*) for light-house establishments,
(*b*) for establishments at outports, and
(*c*) for public works.

	Actuals for 1875-76.	Estimate.	
		1876-77.	1877-78.
(*a*)	11,809	11,865	12,140
(*b*) and (*c*)	1,52,289	1,60,316	1,52,397

9. The charge for light-houses, though shown separately in the above statement for purposes of comparison, is embodied in the general estimate, which appears to need no revision.

10. The charge for Public Works provides for—

	RS.
Original Works	19,813
Repairs	2,406
Total ...	22,219

and allows for Public Works Supervision to the extent of Rupees 4,444. The whole of this amount will not be needed if the works in the Cocanada Harbor, which are estimated at Rupees 10,000 and are now under the Marine Department, be carried out by that department. The saving would be Rupees 2,500. The item will be retained in case the Marine Department should need the services of the Public Works Department. The Master Attendant will endeavor, in communication with the Examiner of Public Works Accounts, to give in his next Budget Estimate for Public Works the actuals for the past year and the estimate for the current year.

11. The charge on account of the Pier Establishment at Madras is Rupees 24,732 against Rupees 35,871, the actuals in 1875-76, and Rupees 25,058, the estimate for 1876-77. The charge for establishment for the Calicut Pier is Rupees 948, and corresponds with the grant for 1876-77.

12. The sanction of the Government of India was sought, under date the 17th October 1876, letter No. 422, for the light establishment at Calingapatam, which is estimated at Rupees 240 + 637 = Rupees 877 for 1877-78, of which Rupees 80 are chargeable to Imperial.

13. The Governor in Council passes the estimates, viz. :—

	Receipts.	Charges.
Imperial	6,000	59,566
Provincial	26,000	394
Port Funds	4,16,446	1,52,397

Proceedings of the Madras Government, Financial Department,
8th November 1876. *No.* 2001.

The Paumben Channel charges will be practically an additional charge against the Provincial receipts.

(True Extract.)

Chief Secretary.

Proceedings of the Madras Government, Financial Department,
17*th November* 1876. *No.* 2058.

Budget Estimates.

No. 132. *Read the following letter from J. H. TAYLOR, Esq., Lieutenant, R.N.R., Master Attendant, Madras, to the Secretary to Government, Public Works Department, dated Madras,* 12*th October* 1876, *No.* 6930:—

Administrative Department.

I have the honor to forward the Budget Estimate of Marine works and repairs to be executed from Port Funds during the official year 1877-78.

No. 1614.

Transferred to the Marine Department.

2. It is observed from correspondence from the District Engineer, Godavery, that out of the current year's Budget allotment of Rupees 6,000 for the Vakalapudi Light-house, Item No. 2 of the Master Attendant's Budget, Rupees 4,000 only will be spent in the current official year, leaving Rupees 2,000 to be provided for in 1877-78 instead of Rupees 600 as entered by the Master Attendant.

(Signed) G. W. WALKER, Major-Genl., R.E.,
Secretary to Government, P.W.D.

4th November 1876.

No. 1747.

Forwarded to the Master Attendant, Madras, with request that he will revise the estimate with reference to the remarks of the Secretary to Government, Public Works Department.

(Signed) W. HUDLESTON,
Chief Secretary.

8th November 1876.

No. 133. *Read also the following letter from J. H. TAYLOR, Esq., Lieutenant, R.N.R., Master Attendant, Madras, to the Chief Secretary to Government, dated Madras,* 11*th November* 1876, *No.* 7866:—

Administrative Department.

I have the honor to acknowledge receipt of the papers as per margin, and respectfully to suggest that instead of revising the Port Fund Budget, Public Works Department, which will necessitate the further revision of the estimate of Port Fund receipts and disbursements, the sum of Rupees (2,000) two thousand, which will remain unexpended at the close of the current official year, out of the allotment of Rupees (6,000) six thousand for the erection of the Vakalapudi Light-house, might be re-allotted, in due course, for expenditure during the ensuing official year. Trusting that the Government will be pleased to concur therein, I beg to return the Port Fund Budget, Public Works Department, unaltered.

Letter from the Master Attendant, Madras, to the Secretary to Government, Public Works Department, No. 6930, dated the 12th October 1876, and enclosure.
Endorsement thereon of Secretary to Government, Public Works Department, No. 1614, dated the 4th November 1876.
Endorsement thereon of Chief Secretary to Government, Financial Department, No. 1747, dated the 8th November 1876.

Proceedings of the Madras Government, Financial Department,
17th November 1876. *No.* 2058.

No. 134. ORDER THEREON, 17th November 1876, No. 2058.

The Governor in Council approves the Master Attendant's suggestion.

(True Extract.)

Chief Secretary.

Proceedings of the Madras Government, Financial Department,
15th December 1876. *No.* 2313.

Budget Estimate.

No. 181. *Read the following memorandum from Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, to the Chief Secretary to Government, dated* 1*st December* 1876, *No.* 1815 :—

[Proceedings of the Madras Government, Financial Department, No. 2058, dated 17th November 1876.]

It has been pointed out to the Marine Department that Rupees 2,000 of the current year's appropriation for the Vakalapudi Light-house will lapse on the 31st March and will require reallotment next year. The Master Attendant recommends the reallotment of this sum "in due course," but proposes to allow the work to appear in the Budget with an appropriation of Rupees 600 only against it. This would be a purely fictitious entry, and would be inconsistent with the principles of Budget Estimates, which are supposed to contain a complete record, so far as it is practicable to judge, of the receipts and liabilities, under certain specified heads, for the period to which they relate. It is proposed in other words to enter Rupees 600, but to spend Rupees 2,000 on the Vaklapudi Light-house. The subject is referred to the Chief Secretary for reconsideration with reference to the orders quoted above.

No. 2038.

Referred to the Master Attendant for his remarks.

(Signed) W. HUDLESTON,
Chief Secretary.

FORT ST. GEORGE,
4th December 1876.

No. 182. *Read also the following letter from J. H. TAYLOR, Esq., Lieutenant, R.N.R., Master Attendant, Madras, to the Chief Secretary to Government, dated 8th December* 1876, *No.* 8547 :—

Administrative Department.

I have the honor to acknowledge receipt of memorandum, No. 1815, dated the 1st instant, from the Secretary to Government, Public Works Department, which has been referred to me for report under endorsement, No. 2538, dated the 4th idem.

2. I beg to state that in G.O., No. 3103, of the 2nd November 1875, Public Works Department, an estimate for Rupees (6,600) six thousand and six hundred was sanctioned for the erection of a light-house at Vakalpudi, and the work was directed to be inserted in the Provincial Budget of 1876-77 to be carried out with Port Funds, with an allotment of Rupees (6,000) six thousand. There remained Rupees (600) six hundred, and this amount has been provided in the Budget of the ensuing year 1877-78.

3. The Secretary to Government, Public Works Department, states that Rupees (2,000) two thousand out of the allotment of Rupees (6,000) six thousand above mentioned will lapse on the 31st March next, and with reference to my proposal to reallot the amount for expenditure next year, while the work is to appear in the Budget with an appropriation of Rupees (600) six hundred only,

Proceedings of the Madras Government, Financial Department, 15*th December* 1376. *No.* 2313.

considers that this would be "a purely fictitious entry," or, in other words, it is proposed "to enter Rupees (600) six hundred but to spend Rupees (2,000) two thousand on the Vakalpudi Light-house. I would respectfully observe that by a parity of reasoning the entry of Rupees (6,000) six thousand for the work in the current year's Budget would be erroneous, since a provision of Rupees (6,000) six thousand is therein made, when it is proposed to spend only Rupees (4,000) four thousand. But in suggesting a reallotment, I was simply guided by an old standing practice of replacing at the disposal of the Public Works Department sums which are left unexpended at the close of one official year and required for expenditure during the next. A reference to the Proceedings of Government marginally noted will furnish several instances in point, and considering that provision is not required for any *new* expenditure, but that it is only sought to secure part of an allotment, which is to lapse, I was respectfully of opinion that reassignment, as proposed, might have been made, without violating any principles on which the preparation of Budget Estimates are based.

P. W. D., No. 4042, dated 21st Dec. 1866.
Marine Dept., No. 41, dated 21st Feb. 1867.
" " 204, " 21st July 1868.
" " 218, " 4th Aug. 1871.
" " 157, " 1st July 1872.
" " 219, " 21st Aug. 1873.
" " 161, " 13th May 1875.
" " 129, " 29th March 1876.

4. If, however, the Marine Budget Estimates for 1877-78 are returned to me, I shall have the necessary revision made therein, and resubmitted forthwith.

No. 183. ORDER THEREON, 15th December 1876, No. 2313.

The unexpended assignment of the current year will of course lapse to the Port Fund and be available for reassignment in 1877-78.

2. The assets and charges will be correspondingly increased in the Budget Estimate for the year.

(True Extract.)

Chief Secretary.

To the Public Works Department.
" Master Attendant, Madras.
" Accountant-General.

Exd. J. Wright.

English

Port Funds
Budget Estimate
for 1877/78.
Public Works Department.

Government of Madras
Port Fund Budget Estimate for 1877/78.
Part I.

Abstract of the estimated charges for works to be executed from Port Funds for the year from the 1st April 1877 to 31st March 1878.

	Estimate for 1877/78		Estimate for 1876/77		Total	
	Public Works Department	Marine Department	Public Works Department	Marine Department	1877/78	1876/77
Original Works	Rs	Rs	Rs	Rs	Rs	Rs
Miscellaneous Public Improvements	5,850	10,000	22607	"	15,850	22,607
Repairs						
Miscellaneous Public Improvements	1,925	"	3565	"	1925	3565
Public Works Establishment					4444	6543
Tools and Plants					"	.
Total Amount of Estimate					22219	32715.

Rs 22219 as laid down in para 10 of G. O. No 2601 of 8/11/76 Publ Deptt

Master Attendant
Administrative Department

Madras
Marine Office,
12th October 1876.

Government of Madras
Part II.
Detail of estimate for original works for 1877/78 to be executed from Port Funds.

Projects: Execution Division	Projects: No.	Projects: Locality	Projects: Description	Amount of Estimate	Computed expenditure up to 31st March 1877	Estimate for 1877/78	No.	Remarks
			Miscellaneous Public Improvements	Rs.	Rs.	Rs.		
Godavery	1	Cocanada	Completing the groyne or river wall on the South side of Cocanada river	40,000	"	10,000	1	To be carried out by the Marine Dept.
	2	Do.	Erecting a new light house	6,600	6,000	600	2	Do. P.W. Department
South Arcot	3	Cuddalore	Improvement of Cuddalore back water	"	"	3,750	3	Do. Do.
	4		Minor Works the estimated cost of which does not exceed Rupees 2500 each			1500	4	
			Total Miscellaneous Public Improvements			15850		

Abstract

Main Head	By Public Works Department	By Marine Department	Total
	Rs.	Rs.	Rs.
Miscellaneous Public Improvements	5,850.	10,000	15,850.

Madras
Marine Office
12th October 1876.

J. W. Taylor
Master Attendant
Administrative Department

MM

Government of Madras

Part III

Detail of estimate for repairs for 1877/78 to be executed from Port Funds

	Estimate for 1877/78		Estimate for 1876/77	
	Amount	Total	Amount	Total
	Rs	Rs	Rs	Rs
Miscellaneous Public Improvements				
Ganjam				
Repairs to obelisks &c at Ganjam	75		75	
Do Do Gopaulpore	120		100	
Do Do Calingapatam	150	345	100	275
Tanjore				
Protecting sand spit and repairs to sand fence at Negapatam	540		540	
Minor repairs to Marine works	500	1040	500	1040
South Canara				
Maintenance of the quay and general repairs to marine works at Mangalore	540	540	500	500
Total Miscellaneous Public Improvements	"	1925	"	1815

Madras
Marine Office
12th October 1876.

Master Attendant
Administrative Department

Note – The whole of the above works will be carried out by the Public Works Department.

15

Detailed list of works included in the item of Rupees 1500 entered in Part II of the Port Fund Budget of 1877/78 under Miscellaneous Public Improvements for minor works the estimated cost of which does not exceed Rupees 2500 each.

District	Works	Estimate	No and date of sanction	Expenditure up to 31st March 1877	Allotment for 1877/78	Remarks showing the agency by which the works are to be carried out.
					Rs	
Ganjam	For Quarantine shed at Gopaulpore	"	"	"	150	to be carried out by the Public Works Department
	Do at Calingapatam	"	"	"	150	
Godavery	Erecting a godown for Marine Stores at Cocanada	"	"	"	1200	Do
				Total Miscellaneous Public Improvements	1500.	

Madras
Marine Office
12th October 1876

Master Attendant
Administrative Department

P.W.D.
13 OCT 76
No. 7377

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Port Fund
Budget Estimate
for 1877/78.
Public Works Department.

Government of Madras
Port Fund Budget Estimate for 1877/78.
Part I

Abstract of the estimated charges for works to be executed from Port Funds for the year from the 1st April 1877 to 31st March 1878.

Classification	Estimate for 1877/78.		Estimate for 1876/77.		Total	
	Public Works Department.	Marine Department.	Public Works Department.	Marine Department.	1877/78.	1876/77.
	Rs	Rs	Rs	Rs	Rs	Rs
Original Works						
Miscellaneous Public Improvements	5,850.	10,000.	22,607	"	15,850.	22,607
Repairs						
Miscellaneous Public Improvements	1,925	"	3,565	"	1,925	3,565
Public Works Establishment					4,444	6,543
Tools and Plant					"	"
Total Amount of estimate					22,219	32,715

Madras
Marine Office
12th October 1876.

Master Attendant
Administrative Department

Government of Madras
Part II
Detail of estimate for original works for 1877/78 to be executed from Port Funds.

Execution Division	Projects No. Locality	Projects Description	Amount of Estimate	Computed expenditure up to 31st March 1877	Estimate for 1877/78	No.	Remarks
		Miscellaneous Public Improvements	Rs	Rs	Rs		
Godavery	1 Coconada	Completing the groyne or river wall on the south side of Coconada river	40,000	"	10,000	1	to be carried out by the Marine Departt
	2 Do	Erecting a new lighthouse	6,600	6,000	600	2	Do Public Works Departt
South Arcot	3 Cuddalore	Improvement of Cuddalore backwater	"	"	3750	3	Do Do
	4	Minor works the estimated cost of which does not exceed Rupees 2500 each	"	"	1500	4	
		Total Miscellaneous Public Improvements			15,850.		

Abstract

Main Head	By Public Works Department.	By Marine Department.	Total.
	Rs	Rs	
Miscellaneous Public Improvements	5,850	10,000.	15,850.

Madras
Marine Office
12th October 1876.

J W Taylor
Master Attendant
Administrative Department

MM

Government of Madras

Part III

Detail of estimate for repairs for 1877/78 to be executed from Port Funds.

	Estimate for 1877/78.		Estimate for 1876/77.	
	Amount	Total	Amount	Total
	Rs	Rs	Rs	Rs
Miscellaneous Public Improvements				
Ganjam				
Repairs to obelisks &c at Ganjam	75		75	
Do Do Gopaulpore	120		100	
Do Do Calingapatam	150	345	100	275
Tanjore				
Protecting sand spit and repairs to sand fence at Negapatam	540		540	
Minor repairs to Marine works	500	1040	500	1040
South Canara				
Maintenance of the quay and general repairs to marine works at Mangalore	540	540	500	500
Total Miscellaneous Public Improvts	"	1925.	"	1815

Madras
Marine Office
12th October 1876.

Master Attendant
Administrative Department

Note. The whole of the above works will be carried out by the Public Works Department.

Detailed list of works included in the item of Rupees 1500 entered in Part II of the Port Fund Budget of 1877/78 under Miscellaneous Public Improvements for Minor works the estimated cost of which does not exceed Rupees 2500 each

District	Works	Estimate	No and date of sanction	Expenditure up to 31st March 1877.	Allotment for 1877/78.	Remarks shewing the agency by which the works are to be carried out.
					Rs	
Ganjam	For Quarantine shed at Gopaulpore	"	"	"	150	to be carried out by the Public Works Department
	Do at Calingapatam	"	"	"	150	
Godavery	Erecting a godown for Marine Stores at Coranada	"	"	"	1200	Do
	Total Miscellaneous Public Improvements				1500.	

Madras
Marine Office
12th October 1876.

Master Attendant
Administrative Department

P.W.D.
13 OCT 76
No. 7377

L: Ful A 2593.
76.

Original

Port Fund Budget Estimate for 1877/78.

Public Works Department.

Government of Madras
Port Fund Budget Estimate for 1877/78.
Part I.

Abstract of the estimated charges for works to be executed from Port Funds for the year from the 1st April 1877 to 31st March 1878.

Classification	Estimate for 1877/78.		Estimate for 1876/77.		Total	
	Public Works Department.	Marine Department.	Public Works Department.	Marine Department.	1877/78.	1876/77.
Original Works	Rs	Rs	Rs	Rs	Rs	Rs
Miscellaneous Public Improvements	5,850	10,000.	22,607.	"	15,850.	22,607.
Repairs						
Miscellaneous Public Improvements	1,925	"	3,565.	"	1,925	3,565
Public Works Establishment					4,444	6,543
Tools and Plants					"	"
Total Amount of estimate					22,219	32,715.

Madras
Marine Office
12th October 1876

Master Attendant
Administrative Department

12

Government of Madras
Part II
Detail of estimate for original works for 1877/78 to be executed from Port Funds

Execution Division	Projects No	Locality	Description	Amount of Estimate	Computed expenditure up to 31st March 1877	Estimate for 1877/78	No	Remarks
			Miscellaneous Public Improvements	Rs	Rs	Rs		
odavery	1	Coranada.	Completing the groyne or river wall on the South side of Coranada river	40000		10000	1	To be carried out by the Marine Depart
	2	Do	Erecting a new lighthouse	6,600	6,000	600	2	Do P. W. Department
th Arcot	3	Cuddalore.	Improvement of Cuddalore backwater			3,750	3	Do Do
	4		Minor works the estimated cost of which does not exceed Rupees 2500 each			1,500	4	
			Total Miscellaneous Public Improvements			15,850		

Abstract

Main Head	By Public Works Department Rs	By Marine Department Rs	Total Rs
Miscellaneous Public Improvements	5850.	10,000.	15,850.

Madras
Marine Office
12th October 1876.

J W Taylor
Master Attendant
Administrative Department

Government of Madras
Part III

Detail of estimate for repairs for 1877/78 to be executed from Port Funds

	Estimate for 1877/78.		Estimate for 1876/77	
	Amount	Total	Amount	Total
	Rs	Rs	Rs	Rs
Miscellaneous Public Improvements				
Ganjam				
Repairs to obelisks at Ganjam	75	.	75	
Do Do Gopaulpore	120	"	100	
Do Do Calingapatam	150	345	100	275
Tanjore				
Protecting sand spit and repairs to sand fence at Negapatam	540	"	540	"
Minor repairs to Marine works	500	1040	500	1040
South Canara				
Maintenance of the quay and general repairs to Marine works at Mangalore	540	540	500	500
Total Miscellaneous Public Improvts	.	1925	.	1815

Madras
Marine Office
12th October 1876.

Master Attendant
Administrative Department

Note — The whole of the above works will be carried out by the Public Works Department.

Detailed list of works included in the item of Rupees 1500 entered in Part II of the Port Fund Budget of 1877/78 under Miscellaneous Public Improvements for minor works the estimated cost of which does not exceed Rupees 2500 each.

District	Works	Estimate	No. and date of sanction	Expenditure up to 31st March 1877.	Allotment for 1877/78. Rs	Remarks shewing the agency by which the works are to be carried out
Ganjam	For Quarantine shed at Gopaulpore	"	"	"	150	To be carried out by the Public Works Department
	Do at Calingapatam	"	"	"	150	
Godavery	Erecting a godown for Marine stores at Coconada	"	"	"	1200	Do
	Total Miscellaneous Public Improvements				1500	

Master Attendant
Administrative Department

Madras
Marine Office
12th October 1876.

Government of Madras
Works to be executed out of the Cochrane's and Sadras Canal Fund during 1877-78

Projects					Estimate for 1877-78			
Executive Division or District	Locality &c	Description	Amount of Estimate	Computed Expenditure up to 31st March 1877	To be executed by P.W.D.	To be executed by R.D.	Total	Remarks and References
			Rs		Rs	Rs	Rs	
		Communications original works.						
		the branch }	8150					

21,200 . 850

Abstract

Particulars
New works
Repairs
Public Works Supervision Establishment & Contingencies minus the Cost of Petty Establishment
Petty Establishment
Total

Chingleput District }
Collectors Office }
Saidapet 14 November 1876 }

Government of Madras

Works to be executed out of the Cochrane's and Sadras Canal Fund during 1877-78

Executive Division or District	Projects: Locality	No.	Description	Amount of Estimate	Computed Expenditure up to 31 March 1877	Estimate for 1877-78: To be executed by P.W.D.	To be executed by A.D.	Total	Remarks and Reference
				Rs		Rs	Rs	Rs	
			Communications						
		9.	Cost of Public Works Dept. Supervision at 25 per cent on the Expenditure Chingleput 4040. Nellore 3170.	"		5230		5230	
		10	Establishment & Contingencies Chingleput 4690. Nellore 660	—	"	1980	3370 *	5350 *	*
			Total	"	"	7210	3370	10580	
			Grand Total	"	"	36060	3370	39430	

* Cochrane's Canal Establishment.

		Rs
Superintendent.	✓	1200
Writer	✓	360.
Shroff	✓	120.
Four Peons at Rs 7 each	✓	336
Masalji	✓	60
		2076
Sadras Canal Establishment		
1 Kanakapillai	✓	144
1 Assistant Kanakapillai	✓	108
1 Lascar	✓	72
		324
Shadayakuppum Lock Establishment	✓	240.
1 Kanakapillai	✓	144
1 Assistant Kanakapillai	✓	96
1 Lascar		
4 Lascars at 7 Rs each		336
		816
Contingencies		
Cochrane's Canal	✓	80.
Shadayamcuppum Lock	✓	30.
Sadras Canal		40
		150.
Public Works Petty Establishment		
Two Maistries on a consolidated salary and allowance of Rs 55 per mensem for the two Sections of the Canal within Chingleput limits. G.O.P.W.D. 5th August 1873 No 1951	✓	1320.
One do. for the portion in Nellore District G.O.P.W.D. 24 Oct 1873 No 2610	✓	660
		1980
Total.		5346
or in round numbers		5350

Government of Madras

Works to be executed out of the Cochrane's and Sadras Canal Fund during 1877-78

Projects					Estimate for 1877-78			
Executive Division or District	Locality &c.	Description	Amount of estimate	Computed Expenditure up to 31st March 1877	To be executed by P.W.D.	To be executed by C.D.	Total	Remarks and References
			Rs.		Rs.	Rs.	Rs.	

GOVT. OF MADRAS. } 1877. { P.W. DEPT.

SECRETARY.

Fort St. George, 26 Feby 1877.

OFFICE NOTE.

To C.

Will you please return the Provincial Budget sent to you on the 19th Feby if the establishments has not been filled in, return it as it is, Govt of India have called for it

26.2.

OF 187 .

Herewith. The delay has occurred in getting a fair copy made.

Note. We have no copy for the Press.

G.O. No 556 of 14

28/2

Cr 28.2.77 28.3.77

reference to the average collections

years.

112.9

15.1.77 No 132.
14.1.77 " 75.
10.6.75 " 68. Mis
28.11.73 " 213 "
24.10. " " 2610
5.8 " " 1951

P.W.D.
21 FEB 77
No 1528

~~From~~
The Government of India
Dated 20th February 1877.

To C.
When may we expect to receive the Provincial Budget from your office.

W.H.
Ag Jt W.
21.2.77.

~~[illegible]~~

Ans 28.2.77 6/3/77

G.O. No 856 of 14-3-77.

G.O. No 856 of 14-3 L.L. 28/2

Ans 28.2.77 5.3.77

Extracts from the letter of the Collector of Chingleput District, dated 23rd November 1876 No 659:

× × ×

6 Cochrane's and Sadras Canal Fund.

In the current year's Budget the Collections from tolls and license fees on the Northern and Southern Canals were fixed at Rs 45000; but owing to drought and the consequent unnavigable state of the canals, there has been a large falling off in the traffic, and hence only Rs 37500 are entered in the Regular Estimate and a sum of Rs 41,700 are entered in the next year's Budget with reference to the average collections of ordinary years.

× × ×

Cochrane's

11 Cochrane's and Sadras Canal Fund

There is a net decrease of Rs 14,940 in the expenditure proposed under this head, which is due to no special provision having been made in the next year's Budget for deepening the Southern Canal from the Adyar to Sadras and the Northern Canal from the Elephant Gate Bridge, Madras, to the Pulicat Lake as in the current year, and the consequent decrease in the cost of Public Works Supervision, though an increase of Rs 2600 is proposed for the Special deepening and maintenance of the Canal in the Nellore District, and a corresponding increase made in the provision for Public Works Supervision.

Rs
In 1876-77 - 54370
" 1877-78 - 39430
14940

Special deepening } Rs 1500
Maintenance 1100
2600

(True Extract)
(sd) R.W. Barlow.
Collector

(True copy)

P.W.D.
30.1.77
No 902

Enclosure in Board's Proceedings to the Secy to Govt. P.W.D. dated 30 Decr 1876.

2
Rev: 13 of 77

Extract from Collector's letter of 23rd Novr 76 No 159

No 6 P 2

Financial Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

~~Read the following letter~~

Dated 2d February 1877 No 368.

His Grace the Governor in Council resolves to assign a sum of Rupees (14,48,600) Fourteen lacs, forty Eight thousand and Six hundred from Provincial Funds for Expenditure on Public Works in 1877-78.

2 Of this, Rs 20000 will be given in the form of the usual grant to the Chetterpore Circle, as Compensation for the Enhanced price of Salt and will be distributed as under.-

For Works	Rs 16000
Establishment	4000
	20,000

The amount to be placed at the disposal of the P.W. Dept will then be Rs 14,28,600.

3 — As Provincial Funds have to

to bear the balance of the cost of P.W. Es=tablishment, after debits have been made to Imperial & Local Funds at a fixed percentage on the expenditure on works, the charge is a difficult one to estimate with any degree of certainty, but the Govt. consider that not less than Rs 5,50,000 should be provided, this having been, in round numbers, the charge for 1875-76, inclusive of a grant of Rs 3,00,000 to Local Funds. For 1877-78, Rs 4000 only are assigned as a grant to Local Funds on account of Establishment and con=sequently Rs 5,46,000 must be provided on that account in the Provincial P.W. Budget, leaving Rs 8,82,600 for Expendi=ture on works.

4. In the event of its being found possible hereafter to assign any further amount to Local Funds as a grant for works, the debit to those funds on account of Establishment, will be increased by 25 per cent on that amount, and the direct debit to Provincial Funds reduced by a similar sum, which will consequently be required by the Financial Dept for assignment to the local bodies in ques=tion, along with the grant for works.—

(True Extract)

Edmonston
Chief Secretary

To The Public Works Dept

P.W.D.
3 FE 1877
No 1131

~~Financial Department~~

Dated 2nd February 1877 No 318.

Govt of 187 ; Madras.

To

Dated } 187 , No.
Recd.

Nos.

Assigning sum of Rupees 14,48,600 from Provincial Funds for expenditure on Public Works in 1877–78.

Proceedings of the Madras Government, Financial Department, No 2058, dated 17th November 1876.

FOR ORDERS.

It has been pointed out to the Marine Deptt. that Rs 2,000 of the current year's appropriation for the Vakalapudi Light House will lapse on the 31st March and will require re-allotment next year. The Master Attendant recommends the reallotment of this sum "in due course," but proposes to allow the work to appear in the budget

with

with an appropriation of Rs 600 only against it. This would be a purely fictitious entry and would be inconsistent with the principles of budget estimates, which are supposed to contain a complete record, so far as it is practicable to judge, of the receipts and liabilities, under certain specified heads, for the period to which they relate. It is proposed in other words to enter Rs 600 but to spend Rs 2000 on the Vakalapudi Light House.

It is submitted that the order in the Financial Department should be modified.

Sd/

C. W. Walker Maj Genl R.E.
Secretary to Government
P.W.D.

No. 661 D.

[Cr. Wks. Form No. 1.]

No. 332 W.

From
~~THE CONTROLLER,~~ Examiner,
PUBLIC WORKS ACCOUNTS,

To
The Secretary to Government,
Public Works Department.

FORT SAINT GEORGE, 11th December 1876.

Memorandum

Copy of the following forwarded to the Secretary to Government Public Works Department for information.

L. Conway-Gordon.
Examiner, P. W. Accounts.

Estimate of Receipts in the Civil Department on account of the Public Works Department for the official year 1877-78.

Particulars of Receipts	1876-77	1877-78	Remarks
Rent of Government Buildings	6,301	8,570	
Sale of Old Materials and Buildings	1,350	760	
Surplus of Cash refunded by Civil Officers from advances made to them by D. P. W. for Public Works	13,550	26,450	
Miscellaneous Receipts	1,450	1910	
Kistna Canal	1364	1,364	
Irrigation Revenue	..	4,600	
	24.015	43.654	

No. 8757

Fort Saint George
Accountant General's Office
6th December 1876.

(Signed) R. W. Ludwick.
Accountant General

To
The Examiner P. W. Accounts.

1176
8/12

P.W.D.
13 DEC 76
No. [illegible]

From

The Examiner,
P.W. Accounts.

To

The Secretary to Government,
Public Works Department.

Dated 11th } December 1876.
Received }

No. 332 W.

Forwarding for information copy of Estimate of Receipts in the Civil Department on account of the Public Works Department for the official year 1877-78.

(No. 5115.

37

From,

The Offg: District Engineer,
Presidency.

To,

The Chief Engineer, and
Secretary to Govt. P.W.D.

Sir,

I have the honor to request that a Sum of Rs 30,000 may be provided in the Provincial Budget for 1877-78 for the increase of Capital of the Presidency Public Works Workshops.

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

Major R.E.
Offg: District Engineer,
Presidency

Fort St. George.
5 Jany 1877

P.W.D.
6 JAN 77
No. 131

From
The Distt. Engineer
Presidency

To
The Chief Engineer
P.W.

Dated 5th
Recd. 5th Jany. 77

No. 5115.

Requests that a sum of Rs 30000 may be provided in the Provl. Budget for 1877-78 for the increase of Capital of the Presidency P.W. Workshops.

Provincial Services
Public Works Budget Estimate

Madras

1

Public Works Department
Provincial Service Budget-Estimate
of the
Public Works Department
of the
Government of Madras
for the year
1877-78

Fort Saint George }
14th March 1877 }

F. W. Farewell. Colonel
Ag. Jt. Secy: to the Govt: of Madras P.W.D.
Buildings & Roads Branch

Provincial Services
Public Works Budget Estimate

Madras

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Provincial Services
Public Works Budget Estimate

Revenue

Madras

Government of Madras

Budget Estimate of Provincial Service Public Works Revenue in Madras for the year 1877-78

Budget Estimate of the Revenue that will be realized by and on account of Provincial Services of the Public Works Department in Madras for the year from 1st April 1877 to 31st March 1878

	Budget Estimate 1877-78	Budget Estimate 1876-77	Regular Estimate 1876-77
Rents of quarters for officers; the returns from which are expected to yield interest on the cost of construction			
Rents of buildings, the returns from which are not expected to yield any interest on cost of construction	11.500	"	"
Casual rents of buildings			
Sales of buildings	40.100	"	"
" Tools and Plant	9.000	"	"
" of Produce	130		
Value of materials received from Old buildings			
Unclaimed deposits			
Fines, refunds and miscellaneous	26.500	"	
Total — Realized in P.W. Department	80530		
Total — " — Civil Department	6.700		
Total	87.230		

Provincial Services
Public Works Budget Estimate

Charges

Madras

Government of Madras

Budget Estimate of expenditure on Public Works from Provincial Services in Madras for the year 1877-78.

Abstract of the estimated charges for Public Works under Provincial Services in Madras for the year from 1st April 1877 to 31st March 1878.

	Reference to detailed Estimate	Budget Estimate 1877-78	Budget Estimate 1876-77	Regular Estimate 1876-77
Original Works	Pages			
Civil Buildings	1-15	404955	351.193	
Communications	15	2,18.200	209.740	
Miscellaneous Public Improvements		"		
		6.23.155	5.60.933	
Repairs				
Civil Buildings	17-29	1.32855	1.32.005	
Communications	30-32	46.133	46.130	
Miscellaneous Public Improvements	32-33	7.300	7.500	
		1.86.288	1.85.635	
Total Works and Repairs				
Civil Buildings		5.37.810	4.83198	
Communications		2.64.333	2.55.870	
Miscellaneous Public Improvements		7.300	7.500	
		8.09443	7.46.568	
Establishment	42-55	5.46.000	5.23432	
Tools and Plant	56	73.157	80.000	
Stock and Suspense	57	"	"	
Refund to Extraordinary Grant on account of Madras Water Supply Project		"	50,000	
		14.28.600	14.00.000	
Grant-in-aid to Local for Communications				
New works		1.87.530	1.87.600	
Repairs		93.770	93.000	
Establishment		70.300	70.000	
		17.80.200	17.50.000	

Abstract of the charges to be incurred by the Public Works Department from Provincial Services and Contributions as detailed within.

	1877-78 Orig. Works	1877-78 Repairs	1877-78 Establishment	1877-78 Tools and Plant	1877-78 Stock and Suspense	1877-78 Total	Budget Estimate 1876-77	Regular Estimate 1876-77
Provision from Provincial Services —								
In India	6.23.155	1.86.288	5.46.000	63557	"	14.19.000	14.00.000	
In England	"	"	"	9600	"	9.600		
Total as above	6.23.155	1.86.288	5.46.000	73.157		14.28.600	14.00.000	
Provision from Contribution								
In India	1.87.530	93.770	70.300			3.51.600	3.50.000	
Grand Total	8.10.685	2.80.058	6.16.300	73.157	"	17.80.200	17.50.000	

Provincial Services
Public Works Budget Estimate — Madras

Government of Madras
Part I

Detail of the Budget Estimate for Original Works under Provincial Services in Madras for the year 1877-78.

Head of Classification	Executive Division	Locality	Item No	Project and Works	Amount of Estimate	Outlay: Actual to end of 1875-76	Outlay: Probable during 1876-77	Grant 1877-78: Amount	Grant 1877-78: Total	Item No	Remarks and References
Provincial Services (Imperial)				**Civil Buildings**							
Land Revenue buildings	Vezianagram	Vizagapatam	1	Additions and improvements to the Collector's Cutchery	5.300	"	"	5000		1	G.O. No 1966 of 2nd August 1876.
	East Delta	Cocanada	2	Additions to Collector's building	31,870	.	"	15.000		2	G.O. No 106 of 14th July 1876.
	Masulipatam	Masulipatam	3	Improvements to Collector's Cutchery.	34,130	.	.	15,000		3	G.O. No 2040 of 17th July 1875
	Kurnool	Kurnool	4	Do and additions do	29.800	5.046	14.400	10.000		4	G.O. No 1249 of 4th May 1876 Item No 5 of Budget 1876-77
	Salem	Salem	5	Providing a rear verandah with rooms and railed enclosure to the Press room and Treasury office for the Collector's Cutchery	3.440	.		3400		5	G.O. No 922 of 7th April 1876.
	Irrigation	Erode	6	Sub Collector's Cutchery	12,800	.	"	7,500		6	G.O. No 1136 of 19th April 1873
	Mangalore	Coondapur	7	Constructing a Cutchery with outhouses for the Hd. Asst Collector	8,685	.	.	5000		7	G.O. No 32 of 5th March 1875.

Part I (continued)

Head of Classification	Executive Division	Locality	Item No	Project and Works	Amount of Estimate	Outlay Actual to end of 1875-76	Outlay Probable during 1876-77	Grant 1877-78 Amount	Grant 1877-78 Total	Item No	Remarks and References
Land Revenue Building (Contd.)											
	Northern	Hamigiri	8	1st Class Talug Cutchery	29,650	20919	5730	3000		8	G.O. No 3229 of 12th Novr 1875. Item No 6 of Budget of 1876-77
	Central	Kapur	9	Do Do	28,350	20,906	5440	2000		9	G.O. No 690 of 17th March 1876-77 Item No 9 of Budget of 1876-77
	Do	Udaygari	10	Do do	27,930	20936	5.460	1500		10	Do Item No 10 of Do.
	Nandial	Kovilguntla	11	Do do	64,772	44,537	10,000	10,000		11	G.O. No 3490 of 12th Decr 1874. No 462 of 17th Feby. and No 691 of 11th March/75. Item No 13 of Budget of 1876-77
	Dindigal	Pulney	12	Do and Subsidiary Jail	23.305	16,662	4640	2000		12	G.O. No 1068 of 16th April 1875 Item No 17 of Budget of 1876·77
	Southern	Venkatgiri	13	2nd Class Talug Cutchery	12,950	7,588	3490	1800		13	G.O. No 1938 of 8th July 1875 Item No 8 of Budget of 1876·77
	do	Sulurpett	14	Do do	12,830	10660	828	1300		14	G.O. No 2421 of 26th August 1874 Item No 7 of Budget of 1876-77
	Madanapalli	Madanapalli	15	Talug Cutchery and Subsidiary Jail	29,888	22,142	5,216	2,500		15	G.O. No 957 of 13th April & No 1278 of 12th May 1874. Item No 12 of Budget of 1876-77
	Chingleput	Madrantakum	16	Improvements to the Talug Cutchery	4,000	.	.	4000		16	G.O. No 112 of 20th January/76
									89,000		
Excise Buildgs	Godavery Eastn Delta	Cocanada	17	Sea Custom House godowns	5,800	.	"	3000	3000	17	G.O. No 93 of 15th January /74.

Part I (Continued)

Head of Classification	Executive Division	Locality	Item No.	Project and Works	Amount of Estimate	Outlay Actual to end of 1875-76	Outlay Probable during 1876-77	Grant 1877-78 Amount	Grant 1877-78 Total	Item No.	Remarks and References
Administration Residences for Local Government	Presidency Mount	Mount Road Guindy	18 19	Government House furniture charges	5000			3.100 2.000	5000	18 19	G.O. No 2220 of 2nd August 1875 and No 2153 of 17th August 1876
Law & Justice District Court Buildings	Bapatla	Bapatla	20	New Court House for the District Munsiff.	12.320	"	"	6,000		20.	G.O. No 96 of 11th December 1875
	Presidency	Egmore	21	Improvements to the Police Court	3230	"	"	3200		21	G.O. No 1.441 of 10th June 1876.
	Tanjore	Trivady	22	New Court House for the District Munsiff	11,900	"	"	7.500		22	G.O. No 3165 of 6th Nov. 1875
	Udaiyarpollaim	Arealore	23	Do Do	8550			8500	25.200	23	G.O. No 1308 of 7th May 1875.
Ecclesiastical Burial Grounds	Bellary	Bellary	24	Additional Cemetery	4830	"	"	4,800	4800	24	G.O. No 1334 of 10th May 1875
(Provincial Services) Jails Other Jail Buildings	Northern	Kondakur	25	Subsidiary jail of 4 wards with outbuildings	C.L.F. 7590 Prov 2410 10,000	6727 773 7,500	"	2500		25.	G.O. No 222 of 28th August /74 and No 1221 of 1st May /75

Part I

(Continued)

Head of Classification	Executive Division	Locality	Item No.	Project and Works	Amount of Estimate	Outlay Actual to end of 1875-76	Outlay Probable during 1876-77	Grant 1877-78 Amount	Grant 1877-78 Total	Item No.	Remarks & References.
Other Jail Buildings (Continued)	Northern	Podile	26	Subsidiary Jail of 4 wards with outbuildings	C.L.F. 7180. Prov. 2520 9700	7180 820 8000		1700	4,200	26	G.O. No. 222 of 28th August 1874 and No. 1221 of 1st May 1875
Police Buildings	Cuddalore	Trikalore	27	Bungalow and Office for Assistant Superintendent.	6550	"	3000	3600		27	G.O. No. 118 of 20th March 1875
	Kurnool	Kurnool	28	Alterations and improvements to Police Hd. Quarters Office	2,500			2,500	6,100	28	G.O. No. 189 of 26th August 1875
Registration	Mount	Guindy	29	Adding three rooms to the Sydapett Talug Cutchery for the accomodation of the Special Sub Registrar	3450	"	"	3000	3000	29	G.O. No. 44 of 6th August 1875
Medical Hospitals & Dispensaries	Presidency	Egmore	30	Improvements and additions to the Lying-in-Hospital				50,000	50,000	30	Estimate awaited.
Lunatic Asylum	Calicut	Calicut	31	Two additional wards for males and females at the Lunatic Asylum	3660			3,600	3600	31	G.O. No. 170 of 22nd January 1876 Item No. 57 of Budget of 1876-77

Part I (Continued)

Head of Classification	Executive Division	Locality	Item No.	Project and Works	Amount of Estimate	Outlay Actual to end of 1875-76	Outlay Probable during 1876-77	Grant 1877-78 Amount	Grant 1877-78 Total	Item No.	Remarks and References
Miscellaneous or General	Madura	Madura	32	Preservation of Terumala Naik's Palace and accommodating Public offices in it	1,28,620	60,813	3,920	10,000		32	G.O. No. 1587 of 5th June and No. 3313 of 19th November 1875. Item No. 57 of Budget of 1876-77
	Presidency	Blacktown	33	Completing the purchase of the Blacktown Civil Orphan asylum buildings on behalf of Government	35,794	"	"	35,794	45,794	33	G.O. No. 23 of 25th January 1877. Educational Department.
Public Works Buildings	Eastn. Delta	Dowlaishwaram	34.	District Engineer's Office	8,700	"	"	7,500		34	G.O. No. 910 of 6th April 1875
	Ussur	Ussur	35	Range Officer's Quarters	5,800	"	"	5,800		35	G.O. No. 1404 & 1849 of 6th June & 21st July 1876.
	Udaiarpolliam	Udaiarpolliam	36	2nd class Range and Overseer's Office	5,380	"	"	5000		36	G.O. No. 120 of 20th January 1876.
	Presidency	Chepauk	37	Carrying out arrangements for accommodating the entire Public Works Secretariat in the building lately occupied by Public Works Workshops	1,07,000	"	9000	50,000		37	G.O. No. 491 of 13th February 1877
	do	Blacktown	38	Prolonging tramway from the grand Jail to the site of the new Workshops at the Seven wells	5,250			5,000	73,300	38	G.O. No. 1870 of 11th July 1874 & No. 2311 of 9th August 1875

Head of Classification	Executive Division	Locality	Item No.	Project and Works	Amount of Estimate	Outlay Actual to end of 1875-76	Outlay Probable during 1876-77	Grant 1877-78 Amount	Grant 1877-78 Total	Item No.	Remarks and References
			38	Grant for Minor Works the estimated cost of which does not exceed Rs 2500 each		"	"	91.961	91961	38	
								Total Civil Buildings	4.04,955		
				Communications							
Metalled and Bridged Roads	Jeypur	Jeypur	39	New Polinghy ghaut	1,20.400	47.079	7.300	20.000		39	G.O. No 1803 of 18th July 1876 Item No 66 of Budget of 1876-77
	Dindigul	Pulney	40	New Pulney Ghaut		"	"	30,000		40	Estimate awaited.
	Do	Gudalur	41	New Goodalore Ghaut and head from its foot to Goodalore	69,624	57,815	4,540	7,200	57,200	41	G.O. No 764 of 13th March 1875. Item No 68 of Budget of 1876-77
Navigable Canals	Berhampur		42	Construction of a canal from Chilka lake to Ganjam Port	1,41,370	1,10,764	20,000	11,000		42	G.O. No 580 of 1st March 1876. Item No 74 of Budget of 1876-77
	East Coast Canal		43	Extension of East Coast Canal from Dugarrajapatam to Kistnapatam	2,87,000	2,84,476	1,50,000				G.O. No 814 of 23d March and No 1716 of 18th June 1875.
	do			Do do from Kistnapatam to Pennair	2,74,000	25,000					
	do			Do do from Pennair to Chippalair	"	"		1,50,000	1,61,000	43	Estimate awaited
				Total Communications							

Provincial Services	2,18,200
Contribution	1,87,530
Total	4,05,730

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Abstract of the Grants provided above

	Provincial Services	Contribution	Total
Civil Buildings	4,04,955	"	4,04,955
Communications	2,18,200	1,87,530	4,06,730
Miscellaneous Pub: Impts	"	"	"
	6,23,155	1,87,530	8,10,685

Madras

Provincial Services
Public Works Budget Estimate
Government of Madras
Part II

Detail of the Budget Estimate of Repairs to Public Works under Provincial Services in Madras for the year 1877-78

Head of Classification	Division	Locality	Items	Estimate 1877-78 Amount	Estimate 1877-78 Total	Estimate 1876-77 Amount	Estimate 1876-77 Total
Provincial Services (Imperial) Land Revenue Buildings				1,700			
		Berhampore	Annual repairs	400			
		Chicacole		150			
		Golconda		530			
		Vizianagram		100			
		Jeypur					
		Godavery Eastn Delta		500			
				300			
		Central do		300			
		Western do		300			
		Ellore		500			
		Rajamahendri		100			
		Dumagudiam		150			
		Bapatla		150			
		Bezwada		200			
		Guntur		300			
		Masulipatam		200			
		Nandigama		450			
		Palnad		500			
		Rapalli					

Part II (Continued)

Head of Classification	Division. Locality	Item	Estimate 1877-78 Amount	Total	Estimate 1876-77 Amount	Total
Land Revenue Buildings (continued)	Nellore	Annual repairs.				
	Central		150			
	Northern		150			
	Southern		500			
	Cuddapah		700			
	Madanapalli		500			
	Sidout		400			
	Kambam		100			
	Kurnool		200			
	Nandial		100			
	Bellary		275			
	Guti		160			
	Hospetta		225			
	Penakonda		100			
	Chingleput		1,100			
	Mount		1,250			
	Sriulur		650			
	Chittur		800			
	Polur		400			
	Vellore		2,200			
	Walaja		700			
	Cuddalore		3,200			
	Tindivanam		400			
	Virudachalam		2,200			
	Salem		1,000			
	Tirupatur		350			
	Ussur		700			

Part II (Continued)

Head of Classification	Division Locality	Item	Estimate 1877-78 Amount	Total	Estimate 1876-77 Amount	Total
Land Revenue Building (Contd.)	Tanjore	Annual repairs	850			
	Mayavaram		500			
	Nagapatam		450			
	Manargudi		150			
	Trichinopoly		750			
	Udaiarpalaiam		175			
	Musuri		350			
	Karur		400			
	Caligal		100			
	Coimbatore		1450			
	Do Irrigation		350			
	Nilgiri		3,000			
	Calicut		1,200			
	Cannanur		350			
	Palghat		350			
	Kurumbanadu		250			
	Yernadu		350			
	Cochin		100			
	Mangalur		800			
	Putthur		200			
	Dindigal		700			
	Madura		1200			
	Tinnevelly		250			
	Northern		250			
	Shermadevi		1500	40,465		
	Tinnevelly					

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Part II (continued)

Head of Classification	Division	Locality	Items	Estimate 1877-78 Amount	Total	Estimate 1876-77 Amount	Total
Excise Buildings	Vizianagram		Annual repairs	50			
	Godavery Eastn Delta			100.			
	Masulipatam			100			
	Mayavaram			250			
	Nagapatam			250			
	Manargudi			50			
	Calicut			100			
	Cannanur			25			
	Kurumbanadu			25			
	Cochin			50			
	Mangalur			250			
	Putthur			75			
	Madura			100			
	Tinnevelly			400	1825		
Administration Residences for Local Government	Presidency		Special repairs	6,000			
	Mount			2.350			
	Cuddalore			1,500	9.850		
Law and Justice District Court Buildings	Berhampur		Annual repairs	50			
	Chikkakol			50			
	Golconda			100			
	Vizianagram			100			
	Godavery						
	Eastn Delta			100			
	Central do			100			
	Westn do			200			
	Ellore			100			
	Rajamahindri			500			

Part II (continued)

Head of Classification	Division	Locality	Items	Estimate 1877-78 Amount	Total	Estimate 1876-77 Amount	Total
District Court			Annual repairs	50			
Buildings (contd)	Bapatta			50			
	Beswada			100			
	Guntur			100			
	Masulipatam			50			
	Palnad						
	Nellore			800			
	Southern			100			
	Cuddapah			100			
	Madanapalli			100			
	Sidout			100			
	Bellary			200			
	Gute			500			
	Chingleput			250			
	Mount			250			
	Sirulur			400			
	Chittur			200			
	Polur			300			
	Vellore			300			
	Walaja			100			
	Cuddalore			300			
	Salem			50			
	Sirupatur			100			
	Ussur			950			
	Tanjore			450			
	Mayavaram			200			
	Nagapatam			200			
	Manargudi			400			
	Trichinopoly			75			
	Musuri			50			
	Carur						

Part II (continued)

Head of Classification	Division Locality	Items	Estimate 1877-78 Amount	Total	Estimate 1876-77 Amount	Total
District Court Buildings (contd)	Coimbatore	Annual repairs	100			
	Irrigation		50			
	Calicut		250			
	Cannanore		260			
	Palghat		150			
	Kurumbasalu		150			
	Yernadu		150			
	Cochin		50			
	Mangalore		500			
	Putthur		150			
	Dindigal		50			
	Madura		500			
	Tinnevelly					
	Northern		100			
	Shermadevi		100			
	Tinnevelly		800	11,475		
Ecclesiastical Churches	Berhampur		50			
	Chikkakole		35			
	Vizianagram		100			
	Godavery					
	Eastern Delta		50			
	Rajamahendri		150			
	Masulipatam		100			
	Nellore					
	Southern		150			
	Bellary		100			

Part II (continued)

Head of Classification	Division Locality	Items	Estimate 1877-78 Amount	Total	Estimate 1876-77 Amount	Total
Churches (contd)	Presidency	Annual repairs	1500			
	Mount		300			
	Sirulur		200			
	Bangalore		1,000			
	Tanjore		100			
	Calicut		50			
	Cannanore		100			
	Palghat		100			
	Yernadu		100			
	Cochin		100			
	Madura		50			
	Tinnevelly		400	4,735		
Burial grounds	Berhampur		15			
	Chikkakole		25			
	Vizianagram		120			
	Godavery					
	Eastern Delta		50			
	Rajamahendri		50			
	Bezwada		50			
	Guntur		50			
	Masulipatam		50			
	Palnad		100			
	Cuddapah		25			
	Bellary		50			
	Gooty		25			

Part II (continued)

Head of Classification	Division	Locality	Items	Estimate 1877-78 Amount	Estimate 1877-78 Total	Estimate 1876-77 Amount	Estimate 1876-77 Total
Burial Grounds (continued)	Penaikonda		Annual repairs	15			
	Chingleput			110			
	Mount			180			
	Sirulur			60			
	Tanjore			50			
	Calicut			50			
	Cannanur			50			
	Palghat			50			
	Yernadu			50			
	Cochin			50			
	Dindigal			50			
	Madura			100	1.475		
Provincial Jails							
Central jails	Rajamahendri			250			
	Vellore			2,000			
	Salem			150			
	Coimbatore			200	2,600		
District jails	Berhampore			200			
	Vizianagram			100			
	Rajamahendri			200			
	Cuddapah			100			
	Bellary			150			
	Chingleput			500			
	Mount			200			
	Chittur			200			
	Tanjore			150			
	Mayaveram			100			

Part II (continued)

Head of Classification	Division	Locality	Items	Estimate 1877-78 Amount	Estimate 1877-78 Total	Estimate 1876-77 Amount	Estimate 1876-77 Total
District Jails (continued)	Mangalur			200			
	Madura			200			
	Tinnevelly			1.000	3.300		
Other Jail Buildings	Berhampur		Annual repairs	200			
	Chikkakol			100			
	Golconda			50			
	Godavery			50			
	Eastn Delta			100			
	Rajamahendri			240			
	Chingleput			100			
	Mount			200			
	Sirulur			150			
	Cuddalore			100			
	Tindivanam			100			
	Virudachalam			50			
	Salem			150			
	Tanjore			150			
	Mayaveram			50			
	Nagapatam			50			
	Manargudi			100			
	Calicut			25			
	Cannanur			50			
	Palghat			25			
	Kurumbanadu			50			
	Yernadu			50			
	Cochin			350			
	Mangalur			150	2.640		
	Puttur						

Part II (Continued)

Head of Classification	Division	Locality	Items	Estimate 1877-78 Amount	Estimate 1877-78 Total	Estimate 1876-77 Amount	Estimate 1876-77 Total
Police	Berhampur			1,500			
	Vizianagram			1,200			
	Jeypur			400			
	Godavery						
	Eastn Delta			600			
	Masulipatam			500			
	Nellore						
	Northern			500			
	Cuddapah			600			
	Kurnool			700			
	Bellary			1,000			
	Presidency			1,500			
	Mount			200			
	Vellore			800			
	Cuddalore			400			
	Salem			400			
	Tanjore			200			
	Trichinopoly			200			
	Coimbatore			600			
	Nilgiri			200			
	Calicut			1,600			
	Mangalore			600			
	Madura			800			
	Tinnevelly			500	15,000		
Medical Hospitals and Dispensaries	Berhampur			500			

Annual repairs

Part II (Continued)

Head of Classification	Division	Locality	Items	Estimate 1877-78 Amount	Estimate 1877-78 Total	Estimate 1876-77 Amount	Estimate 1876-77 Total
Hospitals and Dispensaries (continued)	Golconda			300			
	Godavery						
	Eastn Delta			50			
	Central do			25			
	Westn do			25			
	Bezwada			50			
	Masulipatam			50			
	Bellary			350			
	Hospetta			50			
	Presidency		House Rent to Medical Subordinates on Civil duty	9000			
	Salem			500			
	Coimbatore			100			
	Nilgiri			620			
	Calicut			100			
	Cannanore			100			
	Palghat			50			
	Cochin			100	11,970		
Lunatic Asylums	Vizianagram			300			
	Calicut			100	400		
Miscellaneous or General	Presidency			23,045	23,045		

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Part II (Continued)

Head of Classification	Division Locality	Items	Estimate 1877-78 Amount	Total	Estimate 1876-77 Amount	Total
Public Works Buildings	Berhampur	Annual repairs	75			
	Chikkakol		50			
	Godavery					
	Eastn Delta		100			
	Central do		100			
	Ellur		50			
	Dumagudiam		150			
	Biswada		125			
	Palnad		25			
	Nellore					
	Southern		350			
	Cuddapah		75			
	Bellary		50			
	Hospetta		50			
	Mount		300			
	Cuddalore		100			
	Tindivanam		100			
	Virudachalam		50			
	Salem		200			
	Tirupatur		50			
	Vissur		50			
	Tanjore		150			
	Mayaveram		100			
	Negapatam		50			
	Manargudi		50			

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Part II (Continued)

Head of Classification	Division Locality	Items	Estimate 1877-78 Amount	Total	Estimate 1876-77 Amount	Total
Public Works Buildings (Continued)	Trichinopoly	Annual repairs	250			
	Karur		50			
	Caligal		50			
	Coimbatore		200			
	Irrigation		50			
	Calicut		150			
	Cannanur		100			
	Palghat		100			
	Kurumbandu		50			
	Yernadu		100			
	Mangalur		250			
	Putthur		75			
	Madura		50			
	Shermadevi		50			
	Tinnevelly		150	4,075		
	Total Civil Building			1.32.855		1,14,405

Part II (Continued)

Head of Classification	Division Locality	Items	Estimate 1877-78 Amount	Total	Estimate 1876-77 Amount	Total
		Communications				
1 Metalled & Bridged roads Ordinary maintenance including Spreading of for petty repairs and repair of earth on sides	Jeypur	Maintenance of Old Parlapentee and of Turner's Ghauts G.O. No 3546 of 15th Decr 1875	2.000			
	Presidency	Road over Government bridges and within the limits of Government Compound G.O. No 2211 of 16th Septr 1862 No 1609 of 12th June 1865 and No 2690 of 5th October 1876	9.395			
		Roads leading from the fort towards the Mount & Poonamallee G.O. No 1429 of 1st May 1867, No 2920 of 13th Octr 1874 & No 2690 of 5th Octr 1876	9,058			
	Dindigal	Maintaining road from foot of Ghaut to Travancore frontier 4 miles at				

Part II (Continued).

Head of Classification	Division Locality	Items	Estimate 1877-78 Amount	Total	Estimate 1876-77 Amount	Total
		Rs 330 per mile	1320			
		Maintaining road from foot of Ghaut to Goodalore 4 miles at Rs 100 per mile	440	22.213		
District roads not raised Ordinary Maintenance including spreading of metal &c	Berhampur	Maintenance of the Ghaut road from Kalnigiah to to Tentalagada G.O. No 364 of 19th February 1875	1.800			
	Hospettee	Share of cost of maintaining the Ramandroog roads as per G.O. No 41 of 5th June 1873. I Road from Ramandroog to Tanajed II Road from do to Hospettee III Do from do to Nagulpur Ghaut	3.790			
	Nilgiri	23½ miles of Municipal road G.O. No 1321 of 15th August 1874	5.330	10,920		

Part II (continued)

Head of Classification	Division	Locality	Items	Estimate 1877-78 Amount	Estimate 1877-78 Total	Estimate 1876-77 Amount	Estimate 1876-77 Total
Navigable canals	East Delta		Navigation expenses for the steamers running on the Godavery G.O. No 124 of 15th Jany 1875	5,000			
	Dumagudiam		Maintenance of Navigation works at Dumagudiam Para 5 of G.O. No 735 of 16th March/75	8,000	13,000		
			Total Communications: Provincial Services		46,133		46,133
			Contributions		93,770		
			Total		1,39,903		
			Mis: Pub. Impts:				
Harbors and Navigation	Madura		Maintenance of North Channel and Sand bank Channel at Paumben G.O. No 1134 of 19th April 1875 and No 2391 of 7th Septr /76	6,000	6000		
	Vizianagram		Minor repairs	300			
	Masulipatam	Do	Do	200			
	Chittoor	Do	Do	50			
	Nellore	Do	Do	50			
	Vellore	Do	Do	50			

Part II (continued)

Head of Classification	Division	Locality	Items	Estimate 1877-78 Amount	Estimate 1877-78 Total	Estimate 1876-77 Amount	Estimate 1876-77 Total
Harbors & Navigation (continued)	Walaja		Minor repairs	50			
	Nilgiri	Do	Do	400			
	Calicut	Do	Do	50			
	Cannanore	Do	Do	50			
	Palghat	Do	Do	20			
	Kurumbanadu	Do	Do	30			
	Yernad	Do	Do	30			
	Cochin	Do	Do	20	1,300		
			Total Mis Pub Impts		7,300		7,500

Abstract of the provision made for repairs

	From Provincial Services	From Contribution	Total
Civil Buildings	1,32,855		1,32,855
Communications	46,133	93,770	1,39,903
Miscellaneous Pub. Impts	7,300		7,300
	1,86,288	93,770	2,80,058

Madras

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Provincial Services
Public Works Budget Estimate

Abstract of Part II of Provincial Civil Buildings Budget for 1877-78 Government of Madras

		Local Revenue Buildings	Excise Buildings	Residences for Heads of Local Government	District Court Buildings Law & Justice	Ecclesiastical Churches	Ecclesiastical Burial Grounds	Jails Central Jails	Jails District Jails	Other Buildings	Police	Medical Hospitals & Dispensaries	Medical Lunatic Asylums	Miscellaneous & General Public Works Buildings	Total 1877-78	Total 1876-77	Remarks
Ganjam	Berhampur	1700	„	„	50	50	65	„	200	200	1,500	500		75	4,340	5,300	
	Chikkakol	400	„	„	50	35	25	„	„	100				50	660		
Vizagapatam	Golconda	150	„	„	100	„	„	„	„	50		300			600	3,200	
	Vizianagram	530	50	„	100	100	120	„	100	„	1,200	„	300		2,500		
	Jeypur	100	„	„	„	„	„	„	„	„	400	„		100	500		
Godavery	Eastern Delta	500	100	„	100	50	50	„	„	50	600	50		100	1600	5,400	
	Central Delta	200	„	„	100	„	„	„	„	„	„	25	„		325		
	Western Delta	300	„	„	200	„	„	„	„	„	„	25	„		525		
	Ellur	300	„	„	100	„	„	„	„	„	„		„	50	450		
	Rajamahundri	500	„	„	500	150	50	250	200	100	„	„	„		1,750		
	Dumagudiam	100	„	„	„	„	„	„	„	„	„	„	„	150	250		
Kistna	Repalli	500	„	„	„	„	„	„	„	„	„	„	„	„	500	3600	
	Bapatla	150	„	„	50	„	„	„	„	„	„	„	„	„	200		
	Guntur	200	„	„	100	„	50	„	„	„	„	„	„	„	350		
	Palnad	450	„	„	50	„	100	„	„	„	„	„	„	25	625		
	Nandigama	200	„	„	„	„	„	„	„	„	„	„	„	„	200		
	Beswada	150	„	„	50	„	50	„	„	„	„	50	„	125	425		
	Masulipatam	300	100	„	100	100	50	„	„	„	500	50	„	„	1,200		
Nellore	Southern	500	„	„	800	150	„	„	„	„	„	„	„	350	1,800	2,700	
	Central	150	„	„	„	„	„	„	„	„	„	„	„	„	150		
	Northern	150	„	„	„	„	„	„	„	„	„	„	„	„	150		
Cuddapah	Cuddapah	700	„	„	100	„	25	„	100	„	500	„	„	75	1,600	2.700	
	Madanapalli	500	„	„	100	„	„	„	„	„	600	„	„	„	600		
	Sidout	400	„	„	100	„	„	„	„	„	„	„	„	„	500		

Abstract of Part II (continued)

		Land Revenue Buildings	Excise Buildings	Residences for Adm[illegible] Local Governments [illegible]	Justice	Ecclesiastical		Jails		Other Buildings	Police	Medical		Miscellaneous	General Public Works Buildings	Total 1877-78	Total 1876-77	Remarks
					District Court Buildings	Churches	Burial grounds	Central Jails	District Jails			Hospitals Dispensaries	Lunatic Asylums					
Kurnool	Kurnool	300	"	"	"	"	"	"	"	"	700	"	"	"	"	1000		
	Nandial	100	"	"	"	"	"	"	"	"	"	"	"	"	"	100	1.300	
	Kambam	100	"	"	"	"	"	"	"	"	"	"	"	"	"	100		
Bellary	Bellary	275	"	"	100	100	50	"	150	"	1.000	350	"	"	50	2075		
	Hospett	225	"	"	"	"	"	"	"	"	"	50	"	"	50	325		
	Guti	160	"	"	200	"	25	"	"	"	"	"	"	"	"	385	2.800	
	Penukonda	100	"	"	"	"	15	"	"	"	"	"	"	"	"	115		
Presidency	Presidency	"	"	6,000	"	1.500	"	"	"	"	1500	9.000	"	23.045	"	41.045	43.245	
Chingleput	Tiruvallur	650	"	"	250	200	60	"	"	200	"	"	"	"	"	1360		
	Mount	1250	"	2.350	250	300	180	"	200	100	200	"	"	"	300	5130	10.040	
	Chingleput	1,100	"	"	500	"	110	"	500	240	"	"	"	"	"	2450		
North Arcot	Walaja	700	"	"	300	"	"	"	"	"	"	"	"	"	"	1000		
	Chittur	800	"	"	400	"	"	"	200	"	"	"	"	"	"	1.400		
	Vellore	2.200	"	"	300	"	"	2000	"	"	800	"	"	"	"	5,300	8,100	
	Polur	400	"	"	200	"	"	"	"	"	"	"	"	"	"	600		
South Arcot	Cuddalore	3,200	"	1,500	100	"	"	"	"	150	400	"	"	"	100	5450		
	Tindevanam	400	"	"	"	"	"	"	"	100	"	"	"	"	100	600	3,100	
	Virudachalam	2,200	"	"	"	"	"	"	"	100	"	"	"	"	50	2350		
Salem	Salem	1,000	"	"	300	"	"	150	"	50	400	500			200	2,600		
	Ussur	700	"	"	100	"	"	"	"	"	"	"	"	"	50	850	4.100	
	Tirupatur	350	"	"	50	"	"	"	"	"	"	"	"	"	50	450		
Bangalore	Bangalore	"	"	"	"	1000	"	"	"	"	"	"	"	"	"	1000	1,000	
Tanjore	Tanjore	850	"	"	950	100	50	"	150	150	200	"	"	"	150	2,600		
	Mayavaram	500	250	"	450	"	"	"	100	150	"	"	"	"	100	1,550	5.800	
	Nagapatam	450	250	"	200	"	"	"	"	50	"	"	"	"	50	1000		
	Mannargudi	150	50	"	200	"	"	"	"	50	"	"	"	"	50	500		
Trichinopoly	Trichinopoly	750	"	"	400	"	"	"	"	"	200	"	"	"	250	1600		
	Musiri	350	"	"	75	"	"	"	"	"	"	"	"	"	"	425	2.400	
	Udaiyarpalayam	175	"	"	"	"	"	"	"	"	"	"	"	"	"	175		
Coimbatore	Coimbatore	1.450	"	"	100	"	"	200	"	"	600	100	"	"	200	2650		
	Kaligal	100	"	"	"	"	"	"	"	"	"	"	"	"	50	150		
	Karur	400	"	"	50	"	"	"	"	"	"	"	"	"	50	500	3.750	
	Irrigation	350	"	"	50	"	"	"	"	"	"	"	"	"	50	450		
Nilgiri	Nilgiri	3,000	"	"	"	"	"	"	"	"	200	620	"	"	"	3820	3.920	

Abstract of Part II (Continued)

		Land Revenue Buildings	Excise Buildings	Residences for Local Government	District Court Buildings	Churches	Burial Grounds	[illegible]	District Jails	Other Buildings	Police	Hospitals & Dispensaries	Lunatic Asylums	Miscellaneous General	Public Works Buildings	Total 1877-78	Total 1876-77	Remarks
Malabar	Calicut	1.200	100	"	250	50	50	"	"	100	1.600	100	100	"	150	2,700	7.250	
	Cannanore	350	25	"	250	100	50	"	"	25	"	100	"	"	100	1,000		
	Palghat	350	"	"	150	100	50	"	"	50	"	50	"	"	100	860		
	Kurumbranadu	250	25	"	150	"	"	"	"	25	"	"	"	"	50	500		
	Yernadu	250	"	"	150	100	50	"	"	50	"	"	"	"	100	800		
	Cochin	100	50	"	50	100	50			50	"	100	"	"	"	500		
South Canara	Mangalore	800	250	"	500	"	"	"	200	350	600	"	"	"	250	2,950	3.800	
	Puttur	200	75	"	150	"	"	"	"	150	"	"	"		75	660		
Madura	Madura	1.200	100	"	500	50	100	"	200	"	800				50	3.000	3.900	
	Dindigal	700	"	"	50	"	50	"	"	"	"	"	"	"	"	800		
Tinnevelly	Northern	250	"	"	100	"	"	"	"	"	"	"	"	"	"	350	4.600	
	Tinnevelly	500	400	"	800	400	"	"	1.000	"	500	"	"	"	150	3.750		
	Shermadevi	260	"	"	100	"	"	"	"	"	"	"	"	"	50	400		
	Total Civil Buildings	40.465	1.825	9.850	11.475	4.735	1.475	2.600	3300	2.640	15.000	11.970	400	23.045	4.075	1.32855	1.32005	

Provincial Services

Public Works Budget Estimate

Government of Madras

Abstract of Part II of Provincial Budget 1877-78

Communications

Distribution of grant for repairs to roads by Divisions

Name of road	Description of road	Length in miles	Total of proposed expenditure in the year	Average outlay per mile	Barampur	Jeypur	Eastern Delta	East Coast Canal	Presidency	Sircars	Chingleput	Hospettah	Nilgiris	Dindigul	Dummagudiam	Total 1877-78	Total 1876-77
Metalled and Bridged Roads																	
Maintenance of old Pachapenroad of Turners Ghauts			2000			2000										2000	
Road over Government bridges and within the limits of Government Compound	Metalled		9,375						9,375							9,375	
Roads leading from the Fort towards the Mount and Poonamallee	do		9,058						9,068							9,068	
Maintaining road from foot of Ghaut to Travancore frontier		4	1320	330										1,320		1,320	
Maintaining road from foot of Ghaut to Goodaloor		4	440	110										440		440	
District Roads not received																	
Maintenance of the Ghaut road from Kalingiah to Jendilagarla			1,800		1,800											1,800	
Road from Hamandroog to Somagiri		20	3,790	200								3,790				3,790	
Do from to Hospettah		13		80													
Do from to Nagulpur Ghaut		3		200													
Municipal roads	Metalled	23½	5,330	226¾									5330			5,330	
Navigable Canals																	
Navigation Expenses for the steamers running on the Godavery			5000				5000									5000	
Navigation works at Dumagudium			8,000												8000	8000	
			46,133		1800	2,000	5,000	"	18,453	"	"	3,790	5,330	1,760	8,000	46,133	46,130

Madras

Provincial Services
Public Works Budget Estimate

Government of Madras
Part III

Detail of the Budget Estimate for Establishments under Provincial Services in Madras for 1877-78

Number 1876-77	Number 1877-78	Particulars	Salary of Office	Per mensem	Per annum	Total	Estimate 1876-77 Charges per annum
		Direction					
		Chief Engineer and Secretary to Government					
1	1	Chief Engineer 1st class	2.500				
		Net Military pay	304 3/8	2,804 3/8			
		Chief Engineer and Joint Secretary to Government					
1	1	Chief Engineer 2nd class	2,000				
		Net Military pay	243 1/2	2243 1/2			
		Deputy Chief Engineer and Under Secy. to Government					
1	1	Superintending Engineer 1st Grade	1.600				
		Military pay and allowances	465 5/16	2,065 5/16			
		Deputy Chief Engineer and Under Secy. to Govt. Irrigation Bh.					
1	1	Executive Engineer 1st Grade	950				
		Military allowances	290 7/8	1240 7/8			
		Presidency house rent		160			
4	4			8,514 1/16	102 170		96.462
34	34	Clerks from Rupees 20 to Rupees 550		2910	34920		34,560
8	7	Draftsmen from Rupees 40 to Rupees 75		385	4,620		5,100
21	22	Duftries, Peons, and Other servants		178	2,136		2016
63	63						
		Lithographic Establishment					
14	14	Draftsmen from Rupees 10 to Rupees 250		831			
15	15	Pressmen from Rupees 5 to Rupees 20		134			
1	1	Office Servants		3			
30	30			968	11.616		11,616

Number 1876-77	Number 1877-78	Particulars
		Direction (continued)
		Total Salaries
		Travelling allowances
		Contingencies
		Postage
		Total
		District Engineers and Consulting
1	1	Superintending Engineer 1st Grade
2	2	Do do 2nd do
1	1	Do do 3rd do
7	7	Executive Engineers 1st Grade including one Architect to Government
5	5	Executive Engineers 2nd Grade
3	3	Do do 3rd do
1	1	Do do 4th do
		Military pay and allowances of 2 Colonels R.E. including personal allowances sanctioned and 1142 of 14th December 1872 and 21st respectively
		Do of ~~2~~ Lieutenant Colonels R.E. in
		Do of 1 do do Staff Corps
		Do of 1 do do Infantry maximum salary
		Do of 6 Majors R.E. on receipt of
		Do of 1 do on receipt of
		Do of 1 do Staff Corps on receipt of
		Personal allowance of Mr. Chisholm, Consulting ment vide G.O. No 4012 A of the 27th December
20	20	

III (continued)

Liers	Salary of Office	Estimate of 1877-78 Per mensem	Estimate of 1877-78 Per annum	Total	Estimate 1876-77 Charges per annum
				1,55,462	1,49,754
			1,100	1,100	6,000
			2,300 4,000	6,300	5,088
				7,400	11,088
				1,62,862	1,60,842
Chief Engineers					
Architect			1,600		
		1350	2,700		
			1,100		
Consulting		950	6,650		
		800	4000		
		650	1950		
			550		
in G.O. No 2970 April 1873			1494 11/16		
cluding do do			945 3/4 27 7/8		
on receipt of			343 1/2 1728 3/4		
Staff Salary			182 5/8		
Consolidated Salary			100		
maximum Salary Architect to Govern 1869			250 23,623 3/4	2,83,479	2,75,820

Part III (Continued)

Number 1876-77	Number 1877-78	Particulars	Salary of Office	Estimate of 1877-78 Per mensem	Estimate of 1877-78 Per annum	Total	Estimate 1876-77 Charges per annum
		Direction (Continued)					
139	137	Clerks from Rupees 12 to Rupees 100		4,709	56,608		57,264
26	28	Draftsmen from Rupees 25 to Rupees 145	"	1,365	16,380		15,300
155	155	Duftries, Peons and Office Servants	"	1,158	13,896		13,944
320	320				86,784		86,608
		Personal allowances to members of Office vide G. O. No 1127 of 18th April 1873. establishment	"	200	2,400		4,200
		Special Wainad allowance for the District Malabar and his Establishment vide December 1875 Engineer G. O. No 3643 of 31st		250	3,000		
		Total Salaries			3,75,663		3,66,528
		Travelling allowances			30,900		29,000
		Contingencies			4,500		11,620
		Office rent			2,760		
		Postage			3,520		
						4,17,343	4,07,148
		Total District Engineers & Consltg Archt				5,80,205	5,67,990
		Total for Direction					
		Construction					
		Engineer Establishment					
4	4	Executive Engineers 2nd Grade	800	3,200			
6	6	Do do 3rd do	650	3,900			
10	10	Do do 4th do	550	5,500			
20	20			12,600	1,51,200		1,51,200
15	15	Assistant Engineers 1st Grade	450	6750			
22	22	Do do 2nd do	350	7,700			
7	7	Do do 3rd do	250	1,750			
44	44			16,200	1,94,400		1,94,400
1	1	General Superintendent Public Works Stores		300	3,600		3,600

Part III

(continued)

Number 1876-77	Number 1877-78	Particulars		Salary of Office	Estimate of 1877-78 Per mensem	Estimate of 1877-78 Per annum	Total	Estimate 1876-77 Charges per annum
		Construction (continued)						
		Military pay and allowances of 1 Lieutenant			100			
		Do of 2 Majors R.E. on	Colonel Staff Corps	282 5/8	565 5/8			
		Do of 4 Captains R.E.	receipt of Staff Salary		640 7/8			
		Do of 6 Lieutenants R.E.		"	420			
		Do of 5 do on	on receipt of pay proper	70	528 3/4			
		Do of 1 Captain (Warrant	receipt of Staff Salary	"	50			
		Do of 1 Lieutenant do	off.) Honorary Commr	"	30			28.394
			do	"	2334 7/8	28,019	3.77.219	3.77.594
		Upper Subordinate	Establishment					
4	4	Sub Engineers 1st Grade		400	1.600			
3	3	do 2nd do		300	900			
7	7	do 3rd do		250	1,750			
15	16	Supervisors 1st do		200	3.200			
26	26	do 2nd do		150	3.900			
40	40	Overseers 1st do		100	4.000			
60	60	do 2nd do		80	4800			
87	87	do 3rd do		60	5.220			3.02.040
					25.370	304.440		
2	2	Mechanical Engineers			720	8640		8640
		Military allowances of 4 Conductors Warrant	Officers	20	80			
		Do of 2 do do	do	50	100			
		Do of 1 Sub do do	do	"	30			
		Do of 1 do do		"	80			
		Do of 36 Non Commissiond	Officers &c	"	1,508			14,058
					1,798	21,576	3,34,656	3,24,738
		Lower Subordinate	Establishment					
83	81	Sub-Overseers 1st Grade from Rupees 50	to Rupees 75	"	4,830			
15	16	Do 2nd do from Rupees 35	to Rupees 45	"	655			
136	126	Do 3rd do from Rupees 20	to Rupees 35	"	2,610			
					8,095	97.140	97.140	1.00.380

Part II (continued)

Number 1876-77	Number 1877-78	Particulars	Salary of Office	Estimate of 1877-78 Per mensem	Estimate of 1877-78 Per annum	Total	Estimate 1876-77 Charges per annum
		Construction (continued)					
		Petty Establishment					
23	20	Store-keepers from Rupees 7 to Rupees 50	"	"	3,620		
22	22	Superintendents from " 8 to " 100	"	"	10,760		
117	121	Maistries from " 7 to " 60	"	"	26,200		
30	26	Gumastahs from " 7 to " 40	"	"	4,350		
5		Artificers from " 8 to " 20	"	"	"		
7	7	Apothecaries & Hospl. Assts. " 20 to " 85	"	"	3,900		
8	2	Chuprassies or Peons " 5 to " 9	"	"	132		
17	39	Classies or Lascars " 2 to " 8	"	"	2,538	51,500	51,500
229	237						
		Office Establishment					
469	465	Clerks and apprentices from Rupees 7 to Rupees 200		9,245			
74	78	Draftsmen from Rupees 10 to Rupees 66		3,170			
812	809	Peons, Lascars and other Servants from Rupees 6 to 9		5,179			
1,355	1,352			17,594	2,11,128	2,11,128	2,10,936
		Workshop Establishment at Paumben					
4	4	Artificers from Rupees 6 to Rupees 17½		51			
5	4	Lascars	8	32			
9	8			83	996	996	996
		Presidency house rent to the Engineer & Upper Subordinate Establishment			1,470		1950
		Special allowances of Wainad Establishment			8,472		11,496
		Do of Kambam division Lascars vide G.O. No 1601 and 1825 of 26th June and 20th July 1876		42	504	10,446	13,446
		Temporary Establishments				6,000	6,000
		Total Salaries				10,89,085	10,85,590

Part IIId (Continued)

Number		Particulars	Salary of Office	Estimate of 1877-78			Estimate 1876-77 Charges for annum
1876-77	1877-78			Per mensem	Per annum	Total	
		Construction (concluded)					
		Travelling allowance	"	"		2,40,000	1,91,500
		Office expenses and Contingencies	"	"	9,244		
		Office rent	"	"	3,156		
		Postage			8000	20,400	17,286
		Total Construction				13,49,485	12,94,376
		Irrigation					
		Survey			15,000	15,000	15,000
		Water Regulation		"	80,158		
		Navigation	"	"	31,742		
		River Conservancy	"	"	1,200	1,13,100	1,13,181
		Special Revenue Investigations	"	"	40,888	40,888	39,000
		Total Irrigation				1,68,988	1,67,181
		Accounts					
1	1	Examiner of accounts 1st Class 2nd Grade	1350	1,350			
2	2	Deputy Examiners	550	1,100			
				2,450	29,400		
		Military pay of a Captain of Royal Engrs.	140	140			
		Do of a Lieutt. of do do	70	70			
		Special allowance of 1 Deputy Examiner	100	100			
				310	3,720	33,120	33,120
2	2	Accountants 2nd Grade from Rupees 250 to Rupees 340		575			
28	27	Do 4th 80 " 150		2780			
91	94	Do 5th " 40 " 75		5070			
124	126			8,425	1,01,100	1,01,100	1,00,020

Part III- (Continued)

Number 1876-77	Number 1877-78	Particulars	Salary of Office	Estimate of 1877-78 Per mensem	Estimate of 1877-78 Per annum	Total	Estimate 1876-77 Charges per annum
		Accounts (concluded)					
28	29	Clerks and apprentices from Rupees 15 to Rupees 35	"	743	8,916		8,556
16	16	Duftries, Peons and other Servants	"	102	1,224		1224
168	171						
		Temporary Office Establishment	"	350	4,200	14,340	4200
						1,48,560	1,47,120
		Presidency house rent	"	150	1,800	1,800	1,800
		Total Salaries	"			1,50,360	1,48,920
		Travelling allowances	"			10,000	16,000
		Office expenses and Contingencies	"			1,200	1,200
		Postage				5,100	5,100
		Total Accounts				1,66,660	1,71,220

Abstract of the foregoing provision for Establishments

	Salaries	Travelling Allowances	Contingencies	Total 1877-78	Total 1876-77
Direction	5,31,125	32,000	17,080	5,80,205	5,67,990
Construction	10,89,085	2,40,000	20,400	13,49,485	12,94,376
Irrigation	1,63,981	4,507	500	1,68,988	1,67,151
Accounts	1,50,360	10,000	6,300	1,66,660	1,71,220
Total	19,34,551	2,86,507	44,280	22,65,338	22,00,767

Distribution of above total	
Imperial	1,69,205
Irrigation	7,79,608
Provincial	5,46,000
Local	7,50,871
Special	19,654
	22,65,338

Provincial Services
Public Works Budget Estimate

Madras

Government of Madras

Part IV

Detail of the Budget Estimate of Tools and Plant under Provincial Services in Madras for the year 1877-78

Division	Surveying and Mathematical Instruments	Machinery	Tools	Plant	Office furniture	Camp equipage	Live Stock	Repairing and Carriage	Total 1877-78	Estimate 1876-77
Berhampur	"									
Vizianagram		"	"	"	"	"	"	83	83	
Eastern Delta		"	"	"	"	"	"	70	70	
Special repairs to Steamers		4,000	"	"	"	"	"	"	4,000	
Maintenance of Upper Godavery Steamers Repairs &c	"	4,692	"	"	"	"	"	"	4,692	
Masulipatam	"	"	"	"	"	"	"	300	300	
Southern Nellore	"	"	"	"	"	"	"	300	300	
Cuddapah	"	"	"	"	200	"	"	313	513	
Bellary	"	"	"	"	"	"	"	500	500	
Presidency	"	"	"	"	"	"	"	130	130	
For increase of Capital of the Presidency Workshop G.O. No.	"	"	30000	"	"	"	"	"	30000	
For repairs to Presidency Clocks G.O. No. 80 of 12th August 1875 & No. 3468 of 18th December 1876		"	"	"	"	"	"	1,344	1,344	
~~Mount~~										
Vellore										
Cuddalore	"	"	"	"	"	"	"	100	100	
Tanjore	"	"	"	"	"	"	"	100	100	
Nilgiri	"	"	"	"	"	"	"	200	200	
Cannanore	"	"	"	"	"	"	"	500	500	
~~Madura~~	"	"	"	"	30	"	"	5	35	
Constructing a hand dredge G.O. No. 2391 of 7th July 1876	"	"	"	7,040	270	150		80	13,640	
For 4 mud boats	"	"	"	4,800						
For maintenance of Plant at Paumben G.O. No 1876 of 24th Augt 1875	"	"	"	1300						
Genl Supdt P.W. Stores	500	"	500							
London Supplies			"	"	"	"	"	6,000	7,000	
	500	8692	30,500	13,140	600	150	"	10,075	63,557	61,750
									9,608	18,220

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Provincial Services
Public Works Budget Estimate

Government of Madras

Part VI

Abstract of the probable Increase or Decrease in the Suspense Balances of the Divisions classed as Provincial for 1877-78 and provided for in the Ordinary Provincial Service Budget Estimate of that year

	Stock	Stock Purchases and Sales	Miscellaneous Advances	London Stores	London Invoices	Total
Actual balance on 1st April 1876						
Probable charges during 1876-77						
Total						
Probable credits or issues including sales and cash receipts during 1876-77						
Probable balance on 1st April 1877						
Probable charges during 1877-78						
Total						
Probable issues including sales and cash receipts during 1877-78						
Probable balance on 31st March 1877						
Probable balance on 1st April 1877-78						
Result of Operations of 1877-78 viz						
Increase						
Decrease						
Net						

Provincial Services

Public Works Budget Estimate — Madras

Government of Madras

Appendix A

Distribution of the grants for 1877-78 under Provincial Services arranged by Departments and Objects of work

	Major Original works	Minor works	Repairs	Total	Establishment	Tools and Plant	Total 1877-78	Estimate 1876-77
Civil Buildings								
Provincial Services (Imperial)								
Land Revenue Buildgs	89,000		40,415	1,29,415				
Excise Buildings	3000		1825	4,825				
Residences for Local Governments	5000		9,850	14,850				
District Courts	25,200		11,475	36,675				
Churches	"		4,735	4,735				
Burial grounds	4,800		1,475	6,275				
Provincial Services								
Central Jails	"		2,600	2,600				
District Jails	"		3,300	3,300				
Other Jail Buildings	4,200		2,640	6,840				
Police	6,100		15,000	21,100				
Registration	3,000		"	3,000				
Hospitals and Dispensaries	50,000		11,970	61,970				
Lunatic Asylums	3,600		400	4,000				
Miscellaneous or General	45,794		23,045	68,839				
Public Works Building	73,300		4,075	71,375				
Minor works	—	91,961		91,961				
	3,12,994	91,961	1,32,855	5,37,810				
Communications								
Metalled and bridged roads	57,200		22,213	79,413				
District roads not raised	"		10,920	10,920				
Navigable Canals	1,61,000		13,000	1,74,000				
	2,18,200	"	46,133	2,64,333				
Miscellaneous Public Improvements	"		7300	7,300				
Total Provincial	5,31,194	91,961	1,86,288	8,09,443	5,46,000	73,157	14,28,600	14,00,000

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Provincial Services
Public Works Budget Estimate

Government of Madras
Appendix C
Distribution of the provision for Establishment for 1877-78

Districts and Divisions	Chief Engrs No	Cost	Supg Engrs No	Cost	Executive Engrs No	Cost	Asstt Engrs No	Cost	Upper Subts No	Cost	Lower Subts No	Cost	[illegible]
Permanent Chief Engineer and Secretary to Government	1	23162	1	2474	.		.		.		.		.
Chief Engineer for Irrigation / Joint Secretary to Government	1	26,922	.		1	14,871	.		.		.		.
Bangalore District Engineer	.		.		1	12,772	.		2	3,725	.		[illegible]
Bellary District Engineer	.		.		1	9600	.		.		.		.
Bellary	.		.		.		1	4440	4	4,559	2	[illegible]	[illegible]
Guty	.		.		1	7,500	.		1	[illegible]	5	[illegible]	[illegible]
Hospetta	.		.		.		1	4,200	5	[illegible]	2	[illegible]	[illegible]
Penukonda	.		.		.		.		6	1,240	4	1,440	
Chingleput District Engineer	.		1	2253	.		.		.		.		.
Chingleput	.		.		.		.		5	[illegible]	5	[illegible]	[illegible]
Mount	.		.		1	8,514	.		4	[illegible]	2	[illegible]	[illegible]
Sirulur	.		.		.		1	5400	3	[illegible]	5	[illegible]	
Coimbatore District Engineer	.		1	[illegible]	.		.		.		.		.
Kollegal	.		[illegible]		.		.		.		.		.
Karur	.		.		.		.		2	2621	2	911	[illegible]
Coimbatore	.		.		.		.		3	[illegible]	2	[illegible]	[illegible]
Do Irrigation	.		.		1	[illegible]	.		1	7,127	5	[illegible]	.
	.		.		.		.		4	4,441	2		

[illegible]ount Cost	Office Estt Cost	Irrigation Survey and Conservancy Establishment	Temporary Establishment	Boundary Allowance and Horse allowance	Local Allowances	Total Salaries	Travelling Allowances	Contingencies	Total	Grants for works and Repairs: Imperial	Irrigation	Provincial Special	Local
.	43,932	.	1,000	.	.	108,369	400	4,800	113,369	.	.	.	.
.	9360	15,000		1,920		18,093	700	1,500	70,293				
.	3,900	.	.	.	.	25,337	920	900	27,157	89,458	.	2,277	.
.	5,556	.	.	.	.	15,158	1,900	600	[illegible]	.	.	.	.
.	3,828	.	.	.	.	18,199	2750	160	21,109	80,390	1,950	8152	.
.	3,372	.	.	.	.	22,189	4850	400	27,439	50	18,070	1,662	.
.	3,156	.	.	.	.	15,915	2,880	220	19,015	1850	13,310	5,392	.
.	3,048	.	.	.	.	14,208	3700	250	18,168	20	18,870	1,392	.
.	5124	.	.	.	.	27,677	1,500	320	29,497	.	.	.	.
.	3276	960	.	.	.	15,156	4,130	610	19,796	.	70,650	21,538	.
.	4,188	1914	.	.	.	22,942	3420	240	26,602	1,25,150	64,210	11,408	.
.	2,700	258	.	.	.	14,668	3,700	460	18,818	7,000	43,550	6,637	.
.	4224	.	.	.	.	29,008	700	470	30,178	.	.	.	.
.	1,248	.	.	.	.	5,448	1,250	160	6858	.	3,700	1427	.
.	1932	.	.	.	.	7,392	1,900	190	9,482	30	27,200	1,777	.
.	3636	.	.	.	.	21,825	5,380	220	27,425	550	17,870	3,927	.
.	2,256	180	.	.	.	7,716	2,070	160	9946	230	24,230	9,227	.

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Appendix

6. I (continued)

Districts and Divisions	Chief Engrs No	Chief Engrs Cost	Supg. Engrs No	Supg. Engrs Cost	Executive Engrs No	Executive Engrs Cost	Asstt. Engrs No	Asstt. Engrs Cost	Upper Sub. Co. No	Upper Sub. Co. Cost	Lower Subs No	Lower Subs Cost	Petty Estts Cost	Accounts No
Cuddapah														
District Engr						17,932								
Cuddapah							1	2,000	6	8,265	4	2,280	600	
Madanapalle							1	4,200	5	6,400	4	2,620	600	
Sidout									5	7,080	3	1,920	600	
Ganjam														
District Engr					1	7,800								
Barampur							1	4,200	4	4,830	7	2,120	900	
Chikkakol					1	5,600			1	720	3	1200	700	
Godavery														
District Engr					1	14,570								
Central Delta									2	4,660	4	1920	1,010	
Dumagudiam					1	6,600			1	2,400			2430	
Eastern Delta						9,480	2	7,200	5	8,496	4	1,920	1,932	
Ellore							1	3,000	1	720	6	2,600	660	
Rajahmahindri							1	5,400	1	960	4	1,920	120	
Western Delta							3	15,480	4	4,080	4	1,920	1,644	
Kistna														
District Engr			1	19,335										
Bapatla							1	5,040	1	960	3	1200	110	
Bezwada						6,600	1	5,400	3	2,118	2	480	1,800	
Guntur									1	3,600	4	1920	300	
Masulipatam					1	6,600	1	4,200	5	6,805	3	1200	250	
Nandigama									2	2,760	3	1200	290	
Palnad									3	3,240	3	1200	340	
Repalle									2	2,720	3	1200	180	
Kurnool														
District Engr					1	7,800								
Kumbam							1	4,200	4	4,668	3	1200	340	
Kurnool							1	3,000	3	2,400	3	1200	1,104	
Nandial									4	6,880	3	1200	360	
Madras														
Distt. Engr. Presidency					1	12,992	1	5,589	7	13,415			1,683	
Consltg. Architect to Govt.					1	14,400								
Public W. Stores							1	3,600	1	4,320				

Districts and Divisions	Accounts Cost	Office Estt. Cost	Irrigation Survey and Engineering Establishments	Temporary Establishment	Presidency Allowance and House rent	Local Allowances	Total Salaries	Travelling allowances	Contingencies	Total	Grants for works & Repairs: Imperial	Irrigation	Provincial	Special	Local
Cuddapah															
District Engr	4,224						22,146	2000	450	24,596					
Cuddapah	3,924						18,069	2,550	270	21,889	200	18,400	2,877		
Madanapalle	4,104						16,824	4,160	520	21,974		9,400	4,377		
Sidout	2,976						12,576	3,430	420	16,426		33,000	1,277		
Ganjam															
District Engr	3,804						11,604	2,000	350	13,954					
Barampur	3,528	512					17,060	4,150	330	21,540	950	22,000	18,763		
Chikkakol	1,608	732					11,560	3,240	240	15,040	50	22,500	1,577		
Godavery															
District Engr	6,766						21,646	1,300	1,050	23,996					
Central Delta	2,160	6,732					16,382	2,580	180	19,142		51,280	1,802		
Dumagudiam	1,320						12,750	590	660	14,000			9,527		
Eastern Delta	5,988	2,042					55,130	7,200	384	62,714	250	1,88,500	34,578		
Ellore	1,860	552					9,172	4,600	180	13,972		33,411	4,727		
Rajahmahindri	1,860	840					11,100	2,900	160	14,160	200	23,075	13,028		
Western Delta	5,412	21,841					50,277	8,400	356	59,133		1,36,850	1,802		
Kistna															
District Engr	5,556						25,091	2,000	570	27,661					
Bapatla	1,608	3,720					12,638	2,420	160	15,218		32,459	7,411		
Bezwada	2,004	8,919					28,359	2,570	210	31,139	100	94,737	1,762		
Guntur	1,176						6,996	1,700	110	8,856	75	6,100	1,627		
Masulipatam	4,524	6,576					30,155	4,950	390	35,695	100	75,369	17,678		
Nandigama	1,608						5,858	1,380	160	7,398	25	7,900	1,477		
Palnad	1,932						6,712	1,970	160	8,842		4,500	1,912		
Repalle	2,376	4,148					14,124	2,830	360	17,314		30,519	1,777		
Kurnool															
District Engr	4,224						12,024	1,100	680	13,804					
Kumbam	3,732					504	14,574	3,400	160	18,064		18,730	1,377		
Kurnool	2,556						10,260	3,380	210	13,850	100	24,450	14,778		
Nandial	2,216						9,696	3,440	110	13,296	50	24,940	11,377		
Madras															
Distt. Engr. Presidency	7,992				1,200		42,861	4,270	300	47,431	2,53,802	3,000	2,17,770		
Consltg. Architect to Govt.	3,240						17,640	900	300	18,840					
Public W. Stores	5,496				270		13,686	1,200		14,886					

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Appendix C. (Continued)

Districts and Divisions	Chief Engrs. No.	Chief Engrs. Cost	Supg. Engrs. No.	Supg. Engrs. Cost	Executive Engrs. No.	Executive Engrs. Cost	Asstt. Engrs. No.	Asstt. Engrs. Cost	Upper Subtes. No.	Upper Subtes. Cost	Lower Subtes. No.	Lower Subtes. Cost	Petty Estt. Cost	Accountants No.
Madura														
Dist. Engineer					1	13,592								
Dindigal					2	17,400	1	3,400	5	4,320	3	1,200		
Madura					1	7,800			4	4,680	6	2,400	84	
Malabar														
Dist. Engineer					1	13,722								
Calicut					1	4,200			2	1,680	2	960	3,660	
Cannanur							1	6,189	3	2,768	1	540		
Kurumbanadu									3	3,240	1	240	1,980	
Palghat							1	5,400	4	4,852	3	1,140	420	
Yernadu					1	8,400			2	1,920	1	300	900	
Nellore														
Dist. Engineer					1	7,800								
Central									5	10,121	2	660	400	
East Coast Canal							4	20,229			1	660	180	
Northern									4	8,084	2	1,440	228	
Southern							1	5,400	4	4,920	4	2,280		
Nilgiri														
District Engr.					1	11,203			2	2,196	2	1,320	1,010	
North Arcot														
District Engr.					1	14,890								
Chittur							1	3,000	4	3,600	4	1,460	420	
Polur									3	4,680	3	1,200	600	
Vellore							1	4,200	2	2,469	3	1,200	180	
Walaja							1	5,589	3	3,480	5	2,160	519	
Salem														
District Engr.					1	12,992								
Salem					1	7,800			6	6,840			570	
Tirupatur									3	4,869			360	
Hosur					1	6,600			3	3,669			360	

Districts and Divisions	Accountants Cost	Office Estt. Cost	Irrigation, Survey and Conservancy Establishment &c.	Temporary Establishment	Presidency Allowance and House rent	Local Allowances	Total Salaries	Travelling Allowances	Contingencies	Total	Grants for works and Repairs: Imperial	Grants for works and Repairs: Irrigation	Grants for works and Repairs: Provincial	Grants for works and Repairs: Special	Grants for works and Repairs: Local
Madura															
Dist. Engineer		3,804					17,396	2,500	1,100	20,996					
Dindigal		4,848					33,168	5,800	460	39,428	50	27,500			43,838
Madura		5,316	192				20,472	3,660	472	24,604	310	27,900			24,278
Malabar															
Dist. Engineer		4,224				3,000	20,966	2,600	350	23,798					
Calicut		2,232				2,400	17,532	1,640	240	17,312	4,200				8,627
Cannanur		3,060					12,557	2,830	210	15,597	26,980				2,327
Kurumbanadu		1,680				3,036	11,178	2,000	550	12,728					1,207
Palghat		2,688	222				14,722	3,380	440	18,522	290	2,000			3,944
Yernadu		1,680				3,036	16,231	3,530	190	19,951	3,180				2,417
Nellore															
Dist. Engineer		4,224					12,024	1,200	350	13,574					
Central		2,620					13,701	3,800	490	17,991		27,500			1,427
East Coast Canal		1,284					22,173	1,360	160	23,693		1,63,978			
Northern		2,448					12,152	2,300	220	14,672	-	12,500			12,828
Southern		3,720	4,198				21,238	4,080	481	25,798	5,200	1,11,310			6,177
Nilgiri															
District Engr.		3,871					19,605	4,600	330	24,635	21,888				10,827
North Arcot															
District Engr.		2,804					18,694	2,000	710	21,404					
Chittur		2,880	120				11,460	4,250	220	15,930		27,100			2,727
Polur		1,932	1,404				9,816	2,920	160	12,896		37,150			1,927
Vellore		2,232	342				14,123	3,450	160	14,233	3,110	37,200			1,627
Walaja		2,952	2,184				16,884	4,780	190	21,854	890	42,150			2,327
Salem															
District Engr.		2,804					16,796	1,500	330	18,646					
Salem		3,384					18,594	3,850	300	22,744	100	37,500			7,277
Tirupatur		1,320					6,549	2,100	190	8,839		23,500			1,727
Hosur		2,004					12,633	3,400	220	16,253	3,200	28,000			7,927

C. Appendix,

Districts and Divisions	Chief Engrs No.	Chief Engrs Cost	Supg. Engrs No.	Supg. Engrs Cost	Executive Engrs No.	Executive Engrs Cost	Asstt. Engrs No.	Asstt. Engrs Cost	Upper Subs No.	Upper Subs Cost	Lower Subs No.	Lower Subs Cost	Petty Estt. Cost	[illegible] and No.
South Arcot														
Dist. Engineer					1	14,890								
Cuddalore							2	9,600	3	2,640	2	1,680	940	
Tindivanam							1	3,000	2	1,680	2	1,200	640	
Virudachalam							1	4,200	5	5,400	3	1,800	990	
South Canara														
Dist. Engineer					1	6,600								
Mangalore							1	5,400	5	4,920	5	2,220		
Puttur									3	6,240	3	1,260		
Tanjore														
Dist. Engineer			1	21,027										
Manargudi							1	4,200	3	3,480	4	1,440	480	
Mayavaram					1	7,600			5	7,560	5	2,160	720	
Nagapatam							1	5,589	3	3,480	3	1,200	612	
Tanjore							1	6,240	6	12,120	6	2,400	1,020	
Tinnevelly														
Dist. Engineer					1	10,800								
Shermadevi							1	5,400	4	4,989	3	1,200		
Tinnevelly							1	5,400	6	7,800	6	2,400		
Do. Northern									5	9,000	6	2,400		
Trichinopoly														
Dist. Engineer					1	14,890								
Musiri							1	5,400	2	2,400	3	1,200	880	
Trichinopoly					1	8,803			4	4,645	5	1,680	1,310	
Udaiyarpalayam							1	3,000	1	720	3	1,200	420	
Vizagapatam														
Dist. Engineer					1	12,992								
Golconda									2	3,120	5	2,160		
Jeypur Ghat							1	4,200	1	1,492	1	240	2,200	
Vizianagram							1	4,200	1	1,200	3	1,200		
Total Permanent	2	60,575	5	1,14,683	37	3,78,785	45	2,08,905	245	3,34,616	223	97,140	51,500	

C. (continued)

Districts and Divisions	Cost.	Comm. & Office Establt. Cost.	Irrigation survey and Commissariat Establishment	Temporary Establishment	Presidency Allowance and House Rent	Local Allowances	Total Salaries	Travelling Allowances	Contingencies	Total	Grants for Works and Repairs: Imperial	Grants for Works and Repairs: Irrigation	Grants for Works and Repairs: Provincial and Special	Grants for Works and Repairs: Local
South Arcot														
Dist. Engineer		4,224					19,114	800	350	20,264				
Cuddalore		3,528	876				19,264	4,850	310	24,424	50	42,500		16,678
Tindivanam		1,824					8,344	3,050	220	11,614	3,950	24,000		1,877
Virudachalam		2,852	3,504				19,746	5,200	250	25,196		52,110		3,627
South Canara														
Dist. Engineer		3,804					10,404	900	300	11,604				
Mangalore		3,600					16,140	4,150	210	20,500	1,240			9,767
Puttur		1,932					9,432	1,800	160	11,392	30			1,927
Tanjore														
Dist. Engineer		6,756					27,783	1,700	590	30,073				
Manargudi		2,400	1,488				13,488	2,310	160	16,958	25	17,000		1,777
Mayavaram		2,744	540				21,324	4,430	420	26,174	50	49,760		2,827
Nagapatam		2,400	300				13,581	3,330	210	17,621	7,126	19,200		3,317
Tanjore		4,920	7,374				34,074	5,400	210	39,684	5,060	80,540		11,377
Tinnevelly														
Dist. Engineer		4,224					15,024	1,100	640	16,764				
Shermadevi		3,024	492				15,105	2,400	340	17,845	900	27,200		1,677
Tinnevelly		5,160	4,017				24,777	4,750	304	29,831	884	82,022		21,028
Do. Northern		3,276					14,676	2,700	244	17,620		23,400		1,627
Trichinopoly														
Dist. Engineer		3,804					18,694	1,900	300	20,894				
Musiri		1,932	468				12,280	2,980	160	15,420		38,980		1,702
Trichinopoly		3,264	2,244				21,946	5,200	180	27,326	14,388	54,610		2,877
Udaiyarpalayam		1,248	612				7,200	1,930	160	9,290		22,910		14,953
Vizagapatam														
Dist. Engineer		3,804					16,796	1,400	950	19,146				
Golconda		1,608	1,527				8,415	1,550	220	10,185	50	21,300		1,877
Jeypur Ghat		1,356					9,488	1,250	430	11,168				23,772
Vizianagram		2,160					8,760	2,760	580	12,100	5,580			25,078
Total Permanent		3,24,600	1,23,100	6,000	4,390	11,976	17,48,310	2,72,000	37,480	20,57,790	6,75,820	21,64,952		8,90,048

Appendix C. (concluded).

Districts and Divisions	Chief Engrs. No.	Chief Engrs. Cost	Supg. Engrs. No.	Supg. Engrs. Cost	Executive Engrs. No.	Executive Engrs. Cost	Asstt Engrs. No.	Asstt Engrs. Cost	Upper Subtes. No.	Upper Subtes. Cost	Lower Subtes. No.	Lower Subtes. Cost	Petty Establt. Cost	Ne No.
Brought forward	2	60,575	5	1,12,683	37	3,78,785	45	2,08,905	245	3,34,656	223	97,140	67,500	-
Special Revenue														
Investigations	1	31,596												
Total Permanent and Special	3	92,171	5	1,12,683	37	3,78,785	45	2,08,905	245	3,34,656	223	97,140	67,500	-
Examiners Office	-	-	1	17,880	2	15,240	-	-	-	-	-	-	-	123
Grand Total	3	92,171	6	1,30,563	39	3,94,025	45	2,08,905	245	3,34,656	223	97,140	67,500	123

Districts and Divisions	…count & Cost	Office Estt. Cost	Irrigation Survey and Conservancy Establishments &c.	Temporary Establishment	Presidency Allowance and House Rent	Local Allowances	Total Salaries	Travelling Allowances	Contingencies	Total	Grant for Works Repairs: Imperial	Grant for Works Repairs: Irrigation	Grant for Works Repairs: Provincial and Special	Grant for Works Repairs: Local
Brought forward	-	3,54,600	1,28,100	6,000	3,390	11,976	17,48,310	2,72,000	37,480	20,57,790	6,75,820	21,66,952	8,90,068	
Special Revenue														
Investigations	-	6,792					38,388	2,000	500	40,888				
Total Permanent and Special		3,61,392	1,28,100	6,000	3,390	11,976	17,86,698	2,74,000	37,980	20,98,678		21,66,952		
Examiners Office	1,01,100	10,140	-	4,200	1,800	-	1,50,360	10,000	6,300	1,66,660	-			
Grand Total	1,01,100	3,71,532	1,28,100	10,200	5,190	11,976	19,37,058	2,84,000	44,280	22,65,338	6,75,820	21,66,952	8,90,068	

N. B. The columns for Local and Total will be filled in and the percentages calculated on the receipt of the Local Fund Budget and a revised Appendix then submitted.

Madras.

Provincial Services.
Public Works Budget Estimate

Government of Madras.
Appendix C.

Receipts Estimated Account of Receipts and Charges of the Buildings and Roads Branch P.W.D. in Madras. Charges for the year 1876-77 and 1877-78

Accounts.	Budget Estimate 1877-78	Regular Estimate 1876-77
To Balance at commencement of year	392,600	374,400
To Civil Department		
Credit Orders		
Provincial Service Receipts	85,00,000	87,00,600
Local Fund Receipts	81,000	80,000
Subscriptions to Service Funds	13,600	10,000
Subscriptions to General Family Pension Fund	"	"
" " Hindoo "	"	"
Payments for land for Public Works		
Supplies from Forest Department	30,000	30,000
Gain by Exchange	33,500	35,000
Guaranteed Railways	8,600	50,000
Transfers Miscellaneous	"	"
To Military Department	55,000	50,000
Madras		
Bombay	20,000	23,000
Bengal	"	100
To Telegraph Department	"	"
To Transfers of the Public Works Department	392,000	20,00,000
To London Account		
Stores		
Miscellaneous	1,34,000	1,80,000
To Imperial Revenue Receipts	1,000	40,000
To Suspense Accounts	74,500	74,500
Deposits - Ordinary Deposits	1,91,000	5,00,000
Contribution Works	"	"
Sucavee Advances	"	"
Barrack Supplies	"	"
	99,39,800	124,65,600

Accounts.	Budget Estimate 1877-78	Regular Estimate 1876-77
By Civil Department		
Provincial Service Expenditure	14,08,600	16,00,000
Local Fund Expenditure	24,00,000	42,00,000
Payments into Treasuries	3,14,000	3,00,000
Other Public Works Revenue realized in Civil Department	"	"
Miscellaneous Receipts of Public Works realized in Civil Department	8,000	8,000
	"	"
Expenditure against Local Loans	"	"
Contribution in aid of Public Works	"	"
Guaranteed Railways	6,00,000	12,00,000
Transfers - Miscellaneous	13,000	12,000
By Military Department	"	"
Madras	"	"
Bombay	600	1,000
Bengal		
By Telegraph Department	35,00,000	35,00,000
By Transfers of the Public Works Department		
By Net Expenditure in India against Imperial Budget Grant	8,37,000	7,54,000
By Suspense Accounts.		
Deposits - Ordinary Deposits	5,00,000	5,00,000
Expenditure on Works against Contribution	"	"
"	"	"
Sucavee		
Barrack Supplies		
Total Charges	96,01,100	120,75,000
By balance at end of year	3,38,700	3,90,600
Grand Total	99,39,800	124,65,600

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Special Fund
Public Works Budget Estimate

Madras 1

Public Works Department
Special Fund Budget Estimate
of the
Public Works Department
of the
Government of Madras
for the year
1877-78

Fort St George
14th March/77

J. W. Farewell Colonel
Ag Jt Secy to Govt of Madras P.W.D.
Buildings & Roads Branch

Charges **Madras.**

Special Fund.
Public Works Budget Estimate

Government of Madras.

Budget Estimate of Expenditure on Public Works from Special in Madras for the year 1877-78.

Abstract of the estimated charges for Public Works under Special in Madras for the year from 1st April 1877 to 31st March 1878.

	Reference to detailed Estimate	Budget Estimate 1877-78	Budget Estimate 1876-77	Regular Estimate 1876-77.
Original Works.				
Civil Buildings		32,000	133,784	
Communications		8,150	8,150	
Miscellaneous Public Improvements		17,850	21,207	
		58,000	163,141	
Repairs				
Civil Buildings		"	10,400	
Communications		20,700	37,650	
Miscellaneous Public Improvts.		1,925	3,565	
		22,625	51,615	
Total Works & Repairs				
Civil Buildings		32,000	144,184	
Communications		28,850	45,800	
Miscellaneous Public Improvts.		19,775	24,772	
		80,625	214,756	
Establishment		20,156	54,039	
Tools and Plant		"	"	
Stock and Suspense		"	"	
Grand Total		100,781	268,795	

Special
Public Works Budget Estimate

Government of Madras.

Detail of the Budget Estimate for Original Works Part I under Special in Madras for the year 1877-78.

Head of Classification	Executive Divisions	Locality	Item No.	Project and Work	Amount of Estimate	Outlay Actual to end of 1875-76	Outlay Probable during 1876-77	Grant 1877-78 Amount	Grant 1877-78 Total	Item No.	Remarks and References
				Civil Buildings							
Jails District Jails	Viziangaram	Vizagapatam	1	Enlarging the new Zillah Jail.	26780	.	3500	16000		1	G. O. No. 2046 of 10th August 1873
	Tinnevelly	Palamcotta	2	New Jail at Palamcotta to contain 208 prisoners	.	.	6000	16000	32000	2	Estimate awaited. Item No. 23 of Budget of 1876-77.
				Communications							
Navigable Canals	Chingleput	Between Adyar and Palar river	3	Clearing and extending the branch channel to Tirupovir	8150	.	.	8150	8150	3	G. O. No. 1695 of 20th November 1873. Financial Deptt. and No. 75 of 14th January 1876. Public Works Department Item No 76 of Budget of 1876-77.
				Miscell. Public Improvements							
Harbors and Navigation	Rajamahendri	Cocanada	4	Improving the South Groyne and dredging the Cocanada Harbor	40000	18501	10000	10000		4	G. O. No. 2359 of 16th August 1875. Item No. 57 of Budget of 1876-77. Work to be carried out by the Marine Department
	Cuddalore	Cuddalore	5	Improvement to Cuddalore Backwater	.	"	.	3750		5	Estimate awaited
	Chikkakol	Calingapatam	6	Quarantine shed	.	.	.	150		6	Do.
	Barampur	Gopalpore	7	Do.	.	.	"	150		7	Do.
	Godavery Eastern Delta	Cocanada	8	Erecting a godown for marine stores	.	.	.	1200	15250	8	
Light Houses	~~[illegible]~~ Rajahmundry	Vakalapudy	9	Light House	6600	"	4000	2600	2600	9	
					Total Miscellaneous P. Impts.				17850		
								Total Special	58000		

Abstract of the Grants provided above.

	Special	Contribution	Total
Civil Buildings	32000	"	32000
Communications	8150	"	8150
Miscellaneous Pub: Impvts.	17850	.	17850
	58000	"	58000

Special
Public Works Budget Estimate

Madras.

Government of Madras.

Part II

Detail of the Budget Estimate of Repairs to Public Works under Special in Madras for the year 1877·78.

Head of Classification	Division	Locality	Items	Estimate 1877·78 Amount	Estimate 1877·78 Total	Estimate 1876·77 Amount	Estimate 1876·77 Total
			Communications				
Navigable canals	Triulür	Between Madras & Pulicat Lake.	Maintenance of the Northern Canal from Cooum river at Madras to Pulicat	4000			
	Chingleput	Between Adyar & Palar river.	Maintenance of the Southern Canal from Adyar near Madras to the Palar river near Sadras 40 miles	4000			
	East Coast canal		Maintenance of the Northern canal from Pulicat to Dugarazpatam	3000			
			Do Do from Dugarazpatam to Kanapur 12 miles	1200			
			Do Do from Kanapur to the Kandalavy near Kistnapatam	900			
			Deepening the East Coast Canal from the 47 to the 61st mile stone Estimate Rs 15000 G. O. No 955 of 29th April 1875 Financial Department	6500			
			Maintenance of the Northern Canal from Kondalavy to Kodür 11 miles	1100			32650
			Total Communications		20700		
			Miscellaneous Pub: Improvts				
Harbours & Navigation	Negapatam	Negapatam	Protecting sand spit and repairs to sand fence.	540			
	Mangalore	Mangalore	Minor repairs to Marine works.	500			
			Maintenance of the Quay and general repairs to Marine Works.	540	1580		
Light Houses	Berhampur	Ganjam	Repairs to Obelisks, &c	75			
	Do	Gopalpore	Do	120			
	Chicacole	Calingapatam-3	Do	150	345		
			Total Mis. Pub. Impts.		1925		
			Total Special		22625		

Abstract of the provisions made for Repairs Special

	From Special	From Contribution	Total
Civil Buildings	.	.	.
Communications	20700	.	20700
Miscellaneous Pub: Improvts.	1925	.	1925
	22625	.	22625

14.3.77.

Presidency House Rent		1,950	1,470	480		Only 1 Assistant Engineer is now employed under the District Engineer, Presidency, therefore the provision made for another in the previous Budget is not now required.—
Total Decrease					10,515.	
Net increase					55,481.	
Irrigation						
Increase						
Conservancy Establishment		113,181	113,575	394.		The total of the Conservancy Establishment as sanctioned and originally provided in the last Budget is Rs. 1,13,395 Add for Camempolliem Channel in the Coimbatore District at 15 Rs. a month (under reference to Government of India) — 180. Total Rupees — 1,13575
Accounts						
Increase						
27 Accountants, 4th Grade	Rs. 40 to 75	58,800	60,840	2,040		1 Accountant, Architect's Office, transferred from Direction Rs. 600. 1 Do. sanctioned for Jeypur ghaut vide G.O. No. 138 of 20th January 1876 600. 1 Do. for Yernadu (South Wynaad) G.O. No. 3643 of 31st December 1875. The former pay of this Acctt. was Rs. 80 as Accountant, 4th Grade 600 Salary of the Accountant, Golconda Division, raised from 40 to 50 Rs.— Vide G.O. No. 138 of 20th January 1876 120 Short provision for the Mount Division Accountant in the previous Budget only 60 instead of 70 but now added — 120 Total Rupees — 2040
9 Clerks	Rs. 30 to 35	2,880	3,240	360		Salary of the Clerk doing Accout duty in the East Coast Canal Office transferred from "Construction."
Total increase					2,400.	
Decrease						
27 Accountants, 4th Grade	80 to 150	34,320	33,360	960.		Salary of the Accountant, South Wynaad Division, having been reduced from Rs. 80 to 50 has been removed from 4th to 5th Grade (see above) Vide G.O. No. 3,643 of 31st December 1875 = Rs. 960.
Travelling Allowances		16,000	10,000	6000.		The probable expenditure of the current official year will be Rupees 3,409 but for next year will require 10,000 Rupees to meet the tour expenses of the Examiner of P.W. Accounts & the Deputy Examiners, P.W. Accounts.—
Total Decrease Rs.					6,960.	
Net Decrease Rs.					4,560.	

Conway-Gordon.

Examiner, P. W. Accounts.—

Fort St. George,
January 1877

W.B. 9/1.

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Decrease

4 Executive Engineers, 2nd Grade - Military Allowances	10,874	9,587	1,287	Colonel Kennedy's Allowances Rs. 343½ per month or Rs. 4122 per annum has been transferred to Direction. Increased rate of Military Allowances for Majors Vibart and Thompson and Captain Morant having now been provided as they have elected the old scale of salaries the saving of Rs. 4122 has been reduced to Rs. 1287.—
11 Executive Engineers, 4th Grade Military Allowances	5,400	4,407	993.	Lieutenant Campbell R.E. will proceed to England. Captain Graham (Honorary Commission) will retire on Pension. Captain Bailey was promoted to Executive Engineer, 3rd Grade. No provision is now made for these Officers as Executive Engineers, 4th Grade. Captains Smith & Morris elected the old scale and therefore an increased rate has been provided for them.—
15 Assistant Engineers, 1st Grade Military Allowances---	3,360	3,309	51	Lieutenant Dobson R.E. having elected the old scale, will draw Rs. 65-12-6 a month instead of Rs. 70 as Pay Proper.—
26 Supervisors, 2nd Grade Military Allowances	2,520	1,560	960.	Conductor Falvey and Sub Conductors Cormac and Lalor were promoted to Supervisor, 1st Grade. Serjeant & Overseer Willis was promoted to Supervisor 2nd Grade, with the rank of Sub Conductor.—
81 Sub Overseers, 1st Grade	59,520	57,960	1,560	For Cuddapah District 1 on Rs. 60 added vide G.O. No. 3214 of 28th November 1876, & Chief Engineer's (P.W Department) No. 1301 I. of 18th November 1876. " Ganjam District 1 on Rs. 60 added vide G.O. No. 33 of 5th May 1875. " South Arcot District 1 on Rs. 60 added & 1 on Rs. 50 deducted - See G.O. No. 61 of 9th November 1871. " Salem District 3 on Rs. 60 each deducted provision having been made for them in the Salem Local Fund Budgets.—
126 Sub Overseers, 3rd Grade	33,450	31,320	2,160	For Cuddapah District 2 on Rs. 30 added - vide G.O. No. 3214 of 28th November 1876.— " Salem District 9 on Rs. 20 each deducted as they have been provided in the Salem district Local Fund Budgets.— " Chingleput District 3 on Rs. 20 each deducted - Vide Revenue Board's Miscellaneous No. 1911 of 9th March 1875.—
Special Allowance for Wynad Establishment	11,496	8,472	3,024	Rupees 3000 transferred to Direction for the District Engineer, Malabar, and his Establishment and Rs. 24/ not required.—

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Total Office Establishment	2,23,548	2,23,740	192.		This increase has occurred as follows:- Add, — Rs. 1 Local Fund, Sub Overseer's establishment for the Chikkakol Division @ Rs. 21 — 252. 2 Additional Draftsmen for the Mount Division - Vide G.O. No. 1109 of 1st May 1876 — 660. 1 Sub Divisional establishment for Dummagudiam Division - Vide G.O. No. 3596 & 495 of 21st December 1875 and 23rd February 1876, respectively — 468 Increase involved by the re-arrangement of of Divisions in the Vizagapatam District - vide G.O. No. 138 of 20th January 1876 - See also this Office issue No. 2734 of 9th March 1876, wherein it will be observed that a portion viz: 9 out of Rs. 14 special allowance of Lascars employed on Jeypore ghaut beyond Salary sanctioned in G.O. No. 2543 dated 17th October 1873 is appropriated — 108 Total Rupees — 1,488 Deduct, 3 Local Fund Sub Overseer's Establishment for the Salem District provided for in the Local Fund Circle Budgets as they are employed under the orders of the Civil Officers at Rs. 21 ea per month — 756 Saving of Rs. 15/ by the re-arrangement of the Dummagudiam Divisional Office sanctioned in G.O. No. 2393 of 20th Augt. /75 — 180. Salary of the East Coast Canal Clerk doing Account duty transferred to "Accounts" at Rs. 30 a month — 360 — 1296 Net increase Rupees — 192.
Special Allowance to the Kambam Division Lascars	"	504	504	"	Rupees 3 a month for 14 Lascars employed in the Kambam Division - Vide G.O. No. 1601 & 1825 of 21st June and 20th July 1876 respectively.—
Travelling Allowances	1,91,500	2,40,000	48,500	"	The calculations on the average admitted claims of this year or the probable expenditure of 1876-77 will be Rs. 2,46,186 - therefore provision of Rs. 2,40,000 for 1877-78 became necessary.—
Contingencies	17,514	21,000	3,486		Do. the probable expenditure of the Current Official Year will be Rs. 21,608 necessitating a provision of Rs. 21,000 for the next year.—
Total increase			65,996.		

Construction

Increase

6 Executive Engineers, 3rd Grade – Military Pay and Allowances	2,520	3,120	600.		For 1876-77. Military Pay Proper was provided for Captain Brockman and Lieutenant Awdry. In the present Budget Captain S. C. Clarke, Lieutenant Awdry and Captain & Dy. Commissary H. Bailey have been provided for. Captain Brockman is expected to proceed to England.–
22 Assistant Engineers, 2nd Grade – Military Pay and Allowances	6,240	7,596	1,356		Lieutenants Henderson, Romilly, Hamilton and Baddeley having elected the old scale had ~~to be~~ provided at the increased rate – and Lieutenant Cotter having quitted the Department, no provision is made for his Pay-proper.–
16 Supervisors, 1st Grade	36,000	38,400	2,400	"	1 Supervisor, 1st Grade, sanctioned for Dummagudiam.– Vide G. Os. Nos. 3,596 & 495 of 21st December 1875 and 23rd February 1876.–
Do. Military Allowances	480	960	480.		This increase is on account of Conductors Milne and Falvey. The former was promoted to Conductor and the latter from Supervisor, 2nd to 1st Grade.–
40 Overseers, 1st Grade – Do.	5,892	7,628	1,736		New rates of Military pay had to be provided as per Government of India, P.W. Circular No. 86 of the 13th December 1876 for 12 Serjeants in lieu of old rates as per last Budget, with an addition of Rs. 80, or 960 per annum for Sub Conductor Littlewood he having been reduced from Supervisor, 2nd Grade.–
60 Overseers, 2nd Grade – Do.	5,166	6,176	1,010		New rates of Military pay had to be provided now for 12 Military Subordinates in lieu of old rates as per previous Statement.–
87 Overseers, 3rd Grade – Do.	"	5,252	5,252		In the previous Statement no provision is made for Military Subordinates as Overseers, 3rd Grade, whereas in this Statement provision is made for 12 Military Subordinates recently joined the Department as Overseers, 3rd Grade. See G. O. No. 1494 dated 15th June 1876 & G. O. No. 2,104 of the 14th August 1876.–
81 Sub Overseers 2nd Grade	7,380	7,860	480		1 Sub Overseer on Rs. 40/ for South Arcot is now provided in addition to that allowed in the last Budget with reference to G. O. No. 61 dated 9th November 1871.–

Wynaad Allowance		3,000	3,000	,	In the previous Budget, provision was made under construction for the Executive Engineer in charge of the Wynaad Division, but under G. O. No. 3,643 dated 31st December 1875, the Wynaad District having been amalgamated with the Malabar District, and placed under the charge of the District Engineer, Malabar, with authority to draw the Wynaad allowances by the District Engineer and his establishment while actually in Wynaad the sum of Rs. 250 a month or Rs. 3000 per annum was now provided under Direction by transfer from construction. —
Total increase ——	149,049	171,913	22,864	22,864.	
Decrease					
1 Superintending Engineer, 1st Grade (District Engineer) Military Pay and allowances	5,584	335	5,249		Provision to Colonel Farewell instead of to Colonel Wilkieson as the former Officer will have to give over charge of the Deputy Chief Engineership to Colonel Ford on his arrival. —
8 Executive Engineers, 1st Grade... Military Pay and Allowances	29,298	29,166	132.		Provided for Mr. Chisholm's personal allowances an for the Military Pay and allowances of Majors Hasted and Prendergast. — Also increased rate for Majors Vertue, Scott, Mead, & Beatty they having elected the old scale, but no provision is now made for Colonel Fischer's Personal allowances, &c., the large saving thereby is the cau of the decrease in this item. — No provision is made for Majors Hunter & Smalley. —
Personal Allowances to Members of Office Establishment	4,200	2,400	1,800	"	The provision of Rs. 150 a month or Rs. 1800 per annum for Mr. Shintie & Jeyaram Pillai of the Office of the District Engineer, Bellary, is not necessary for the future as Mr. Shintie is dead and Jeyaram Pillay promoted
Presidency House Rent	2,760	1,920	840	"	The provision made in the last Budget for Colonel Farewell's House Rent is now omitted a Colonel Ford is expected from England. — Major Scott will draw Rs. 100 in future instead of Rs. 45 provided for before. —
Travelling Allowances	35,000	32,000	3,000	"	Has been transferred to Construction with reference to the actual amount audited during the current year. —
Total Decrease ——	76842	65,821	11,021		
				11,021.	
Balance Rupees ——				11,843.	

					consolidated Salary) i.e. new Consolidated rate.
2 Superintending Engineers, 2nd Grade - Military Pay & allowances	12,275	13,411	1136	"	Provided for Colonels Wilkieson and Roberts, (the latter Officer is expected from England in May 1877) in lieu of Colonel F. J. Moberly R.E. and Lieut.-Colonel Oakes R.E. - The latter having exceeded his leave has vacated his appointment.
1. Do. 3rd Grade Do.	2,192	9,353	7,161	"	Provided for Colonel F. J. Moberly R.E. who draws personal allowance as 2nd Grade Superintending Engineer with Pay proper instead of Major Hasted. -
5 Executive Engineers, 2nd Grade Do.	6,063	12,105	6,042	"	For 1876-77. Provided for Majors Montgomerie and Wood and Captain Pennycuick as per new scale but in the Statement under review Majors Montgomerie and Wood are allowed increased rate having elected old scale also provided for Colonel Kennedy and Major Hindle. - In the previous Budget Colonel Kennedy was provided under Construction and Major Hindle was away on Furlough. - Now no provision is made for Captain Pennycuick as he is now on Furlough and will not return until September 1877. -
Total Office establishment under Direction	1,28,184	1,28,460	276	"	This increase has occurred as follows:- Addition of 2 Draftsmen to the Office of the District Engineer, Chingleput, at a monthly cost of Rs. 75 - Vide G.O. No. 1100 dated 4th May 1876 per annum Rs. 900. Deduct for round numbers in the previous Budget at 2 Rs. a month per annum Rs. 24. " For the Salary of the Architects Accountant transferred to Accounts at Rs. 50 per month or per annum Rs. 600. 624. Difference Rupees 276. The difference in each class, salaries, and numbers against each item is due to the re-arrangement sanctioned in G.O. No. 791 of the 29th March 1876. -

G. Om-55[illegible]

Comparison between Estimate of 1876-77 and Statement of 1877-78.-

2

Particulars		1876-77	1877-78	More	Less.
Direction					
Deputy Chief Engineer - Military Allowances		335	5584	5,249	
Superintending Engineer, 1st Grade	Do.	5,584	335	"	5,249
Do. 2nd do:	Do.	12,275	13,411	1,136	
Do. 3rd do:	Do.	2,192	9353	7,161	
Executive Engineer, 1st Grade	Do.	29,298	29,166	"	132
Do. 2nd do:	Do.	6,063	12,105	6,042	
Clerks	60 to 65	5,160	6,660	1,500	
Do.	50 to 55	4,200	3000	"	1,200
Do.	40 to 45	12000	11520	"	480
Apprentices	15 to 18	4284	4068	"	216
Draftsmen, 1st Grade	50 to 145	12,600	12,840	240	"
Do. 2nd Grade	30 to 50	7,500	7,860	360	"
Attenders and Moochies	8 to 15	2,844	2,916	72	
Chuprassies or Peons	6 to 12	12,792	12,864	72	"
Classies or Lascars	6 to 7	324	252	"	72
Personal allowances to members of Office Establishment		4,200	2,400	"	1,800
Presidency House Rent		2,760	1,920	"	840
Special Wynaad Allowances for the District Engineer, Malabar, and his Office Establishment		"	3,000	3,000	
Travelling Allowances		35,000	32,000	"	3,000
Contingencies	Sundry charges	5,700	6,200	500	
	Office rent	2,580	2,760	180	
	Official Postage	8,200	7,520	"	680
Total Direction		175,891	187,734	25,512	13,669
Net increase				11,843	

Particulars		1876-77	1877-78	More	Less
Construction					
Executive Engineer, 2nd Grade, Military allowances		10,874	9,587	"	1,287
Do. 3rd do: Do. Do.		2520	3120	600	"
Do. 4th do: Do.		5,400	4,407	"	993
Assistant Engineer, 1st Grade Do.		3,360	3,309	"	51.
Do. 2nd Grade Do.		6,240	7,596	1,356	"
Supervisors, 1st Grade		36,000	38400	2,400	"
Do. Military Allowances		480	960	480	"
Supervisors, 2nd Grade Do.		2,520	1,560.	"	960
Overseers, 1st Grade Do.		5,892.	7,628	1,736	"
Do. 2nd do: Do.		5,166	6,176	1,010	"
Do. 3rd Do. Do.		"	5,252	5,252	
Sub Overseer, 1st Grade		59,520	57,960	"	1560.
Do. 2nd Do.		7,380	7,860	480	
Do. 3rd Do.		33,480	31,320	"	2,160
Clerks	30 to 35	15,120	14,760	"	360
Do.	25 to 30	21,900	22,500	600	"
Do.	20 to 25	10,896	10,656	"	240
Apprentices	15 to 20	51,840	50,940	"	900
Do.	7 to 15	444	624	180	"
Draftsmen, 1st Grade	50 to 250	13,260	12,300	"	960
Do. 2nd do.	30 to 50	32,280	34,080	1,800.	"
Do. 3rd do:	10 to 30	1,332	1632	300.	"
Artificers	5 to 15	552	612	60	"
Chapprassies or Peons	6 to 9	756	252.	"	504
Classies or Lascars	3 to 7	62,100	62,316	216	"
Special allowances of Wynaad Establishment		11,496	8,472	"	3,024
Do. of Kambam Division Lascars		"	504	504	"
Presidency House rent		1,950	1,470	"	480
Carried Over Rs.		402,758	406,253	16,974	13,479.

Particulars		1876-77	1877-78	More	Less.
Brought forward		402,758	406,253	16,974	13,479
Construction (concluded)					
Travelling Allowances		191,500	240,000	48,500	"
Contingencies	Sundry charges	6,800	9,844	3,044	"
	Office Rent	3,114	3,156	42	"
	Official Postage	7,600	8,000	400.	"
Total Construction		611,772	667,253	68,960	13,479
Net increase				55,481	
Irrigation					
Conservancy Establishment		113,181	113,575	394	
Accounts					
Accountants, 4th Grade,	80 to 150	34,320	33,360	"	960
Do. 5th do:	40 to 75	58800	60,840	2,040	"
Clerks	30 to 35	2,880	3,240	360	"
Travelling Allowances		16,000	10,000	"	6,000
Total Accounts		112,000	107,440	2,400	6,960
Net decrease				4,560.	
Abstract					
Direction		175,891	187,734	25512	13,669
Construction		611,772	667,253	68,960	13,479
Conservancy		113,181	113,575	394	"
Accounts		112,000	107,440	2,400	6,960.
Total		1,012,844	1,076,002	97,266	34,108
Net increase				63,158.	

L. Conway-Gordon.

Fort St. George,
January 1877 } W.Y. 5/1.

Examiner, P.W. Accounts. 5/1/77

Comparison between
Estimate of 1876-77 and
Statement of 1877/78

OF 187 .

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

SECRETARY.

Fort St. George, 20th Dec 1876.

OFFICE NOTE.

To

C. Please let me have the Estimate for Establishment called for on the 13th November last. Also the Estimate of the probable receipts that will be realized by the P.W.D. during 1877/78.

Herewith.

We have in the rough, details working up to every figure shown in these Statts, and we are now drawing up a Statt. showing how the various increases and decreases have occurred.—

I can come over at any time, & deal with the matter personally.—

6/1

SERVICE MESSAGE DESPATCHED BY ELECTRIC TELEGRAPH.

From Calcutta | To Madras

From The Secy. to Govt. of India Fin. | To The Secretary to Government Fin.

Provincial and Local fund Budgets for next year now due are urgently required. When will they be despatched.—

No. 175 A.C.

Copy forwarded by Post for information.

Fort William,
The 20th Feby. 1877.

Dy. Secy. to Govt. of India

20/2/77

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Government of Madras

Budget Estimate of the Irrigation Department for 1877-78

Part V.

Budget Estimate of Establishment of the Irrigation Department for 1877-78.

Number 1876-77	Number 1877-78		1877-78 Rate of Salary	1877-78 Per mensem	1877-78 Per Annum	1877-78 Total	1876-77
		Petty Establishment for Cauvery and Aubravetty rivers works sanctioned in G.O. No 2662 of 31st October 1873					
2	2	Maistries or Sub Overseers	70	70			
1	1	Do Do	25	25	1140	1140	1140

Provincial as before

Supg Engr's Office
Coonoor 6th Septr
1876

Coll R.E.
Supg Engr Coimbatore

Abstract of the foregoing Charges of Establishment

1877-7

	Salaries	Travelling Allowance	Contingencies	Total	Total of 1876-77
Petty Establishment	1140			1140	1140

Supg Engrs Office
Coonoor 6 Septr
1876

Col R.E.
Supg Engr Coimbatore

P.W.D.
9 SEP 76

From No. 4

The Supy Engineer
Coimbatore

To

The Secretary to Govt.
D.P. Works
Madras

09 SEP 1876
IRRIGATION

Dated 6 }
Recd } Septr/76.

Budget Estimate of the Irrigation Deptt. for 1877-78.

Part V.

Budget Estimate of Establishment of the Irrigation Department for 1877-78.

[illegible]

93

Statement of the sums required for Minor New Works to cost less than Rs 500 each for the year 1877-78

District		For Minor New Works under Civil Buildings	For Minor New Works under other Public Improvements	Total Minor New Works Estimated to Cost less than Rs 500 each
Coimbatore	Coimbatore Range 1000 Collegal Do 200 Cauvery Do 300 Irrigation Do 300	1800		1800

Supy Engrs Office
Coimbatore 6 Septr 1876

Col R.E.
Supy Engr Coimbatore

From
The Supdg Engineer
Coimbatore
To
The Secretary to Govt
D.P.W.
Madras

P.W.D.
93 SEP 76

Dated } Sept/76
Recd

Provincial Fund

Statement of the Sums required for Minor new Works to Cost less than Rs 500 each for the Year 1877-78

Part III. Repairs

Detail of Estimates for 1877-78.

		1877-78		1876-77	
		Amount	Total	Amount	Total
Civil Buildings					
Judicial Department					
Court Houses					
Coimbatore Division		100			
Collegal Division					
Caroor Division		50			
Irrigation Division		50	200		
Revenue Department					
General, District and Divisional Kutcherries					
Coimbatore Division		500			
Collegal Division					
Caroor Division		100			
Irrigation Division		50	650		
Talug Kutcherries					
~~Coimbatore~~ Division	100	1000			
Collegal Division		100			
Caroor Division		300			
Irrigation Division		300			
Miscellaneous	450	500	2200		
			3050		

	1877-78 Amount	1877-78 Total	1876-77 Amount	1876-77 Total
Prison Department				
Central Jail		3050		
Coimbatore Division	200	200		
Police Department				
Offices				
Coimbatore Division	100			
Irrigation Division	50	150		
Stations				
Coimbatore Division				
Collegal Division	100			
Caroor Division	50			
Irrigation Division	50			
Huts	50	250		
Coimbatore Division				
Collegal Division	50			
Caroor Division	50			
Irrigation Division	50			
Medical Department	50	200		
Miscellaneous House Rent &c. Medical Subordinates in Civil Employ				
Coimbatore Division	100	100		
Public Works Departments				
Offices &c.				
Coimbatore Division	200			
Collegal Division	50			
Caroor Division	50			
Irrigation Division	50	350		
		4,300		4,250

Supg Engr's Office
Coonoor 6th Septr
1876

W. Wilkieson Col. R.E.
Supg Engr Coimbatore

Part III - Repairs.

Abstract of grant proposed for all Repairs to be disbursed by the Public Works Department

Repairs

Judicial Department.

			Provincial	Local	Total
Coimbatore Division	Judicial Department	100			
	Revenue Department	1,500			
	Prison Department	200			
	Police Department	250			
	Medical Department	100			
	P.W. Department	200	2,350		
Collegal Dn	Revenue Department	100			
	Police Department	100			
	P.W. Department	50	250		
Caroor Dn	Judicial Department	50			
	Revenue Department	400			
	Police Department	100			
	P.W. Department	50	600		
Irrigation Dn	Judicial Department	50			
	Revenue Department	350			
	Police Department	150			
	P.W. Department	50	600		
	Miscellaneous		500		
			4,300		4,300

Supg Engr's Office
Coonoor 6th Septr
1876

W. Wilkieson Col. R.E.
Supg Engr Coimbatore

P.W.D.
No
9 SEP 76

From
The Supdg. Engineer
Coimbatore

To
The Secretary to Govt.
D.P. Works
Madras

Dated 6 } Septr/76.
Recd }

Provincial Fund

Part III Repairs

Detail of Estimates
for 1877-78.

Provincial Fund

Part II

Detail of Estimate for Original Works for 1877-78.

Project							
Executive Division	No	Locality	Description	Amount of Estimate	Compiled Expenditure up to 31st March 1877	Estimate for 1877-78	Remarks or references
1	2	3	4	5	6	7	8
			Civil Buildings Imperial Service Revenue Department				
Irrigation Dn	1	Erode	Constructing Sub Collector's Cutcherry	12,800	..	12,800	Estimate sanctioned in G.O. No. 1136 dated 19th April 1873, and ordered to be proceeded with in G.O. No. 90 of 3rd Dec 1873 P.W.D. but not provided with funds
Do	2	Do	Constructing Quarters with out houses for the Sub Collector	15,000	..	15,000	G.O. No. 28 of 4th January 1876 - Called for a revised estimate - Revised Estimate submitted to Gov on the 25th August 1876. Cur. 231
Do	3	Sattyamungalum	Constructing Deputy Collector's Office	5000 Not sanctioned	..	5,000	G.O. No. 1691 of 24th June 1874 - An on list of Buildings Estimate will be submitted for sanction on receipt of the approved standard plan for Divisonal Office alluded to in G.O. No. 46 of 5th Augt. 74
				32,800	..	32,800	

Carried over

Executive Division	No.	Locality	Description	Amount of Estimate	Computed Expenditure up to 31st March 1877	Estimate for 1877-78	Remarks or references
1	2	3	4	5	6	7	8
			Brought over	32,800	"	32,800	
Coimbatore Dn	4	Pollachy	Constructing a Residence to the Head Assistant Collector	12,000	"	12,000	G. O. No. 97 of 11th December 1875. Plan and Estimate forwarded to the Collector on the 28th July 1876, not yet received in this office. G.O. quoted calls for an estimate [illegible]
Caroor Division	5	Aravacoorchy	Constructing a 3rd Class Talug Cutcherry	11,000	"	11,000	Sanctioned in G. O No. 631 of 9th March 1876.
Collegal Division	6	Talavady or Hassanoor	Constructing a 3rd Class Talug Cutcherry	12,400	75	12,300	Do Do Do
Irrigation Dn	7	Sattyamungalum	Constructing a first Class Talug Cutcherry, Subsidiary Jail & out houses	23,800	"	23,800	Sanctioned in G. O. No. 3474 of 7th December 1875.
Collegal Division	8	Collegal	Constructing a first Class Talug Cutcherry, Subsidiary Jail and Out houses	26,200	"	26,200	Sanctioned in G. O. No. 3474 of 7th December 1875.
Coimbatore Dn	9	Palladum	Do	23,800	"	23,800	Do Do Do
			Total Civil Buildings	142,000	75	141,900	

Executive Division	No	Locality	Description	Amount of Estimate	Computed expenditure up to 31st March 1877	Estimate for 1877-78	Remarks or references
1	2	3	4	5	6	7	8
			Communications Main Roads				
Collegal Division	1	———	Tracing and opening bridle path from Hassanoor via Geddesal and Byloor to Nijjuram ———	146,800 Local Fund Work —	27,013	25,000	G.O. No 24 of 7th February 1871 G.O. No 159 of 28th April 1871 and G.O No 150 of 15th May 1875
			District Roads				
Coimbatore Dn	2	———	Widening the Poonachy bridle path to 12 feet from the Poonachy saddle to the foot of the Annamallai Hills and bridging all streams —	61,845	"	"	Sanctioned in G.O. No 2034 of 17th July 1875 - The Collector is of opinion that this is not immediately required in which the Superintending Engineer agrees. G. O. No 2303 of 19/8/74 - B.I No 71 of 18/6/77
Irrigation &c —			Road from [illegible] to [illegible] —	14,700	7200 —	7500	
			Total Communications —	208,645	27,013	25,000	

Supdg Engrs Office
Coonoor 6th Septr
1876

S. Wilkieson Col R.E.
Supdg Engr Coimbatore

Abstract of the grants proposed for all original works to be disbursed by P.W. Department.

Main Heads	Provincial Civil	Local	Total
Civil Buildings			
Revenue Department			
Coimbatore Division	35,800	"	35,800
Collegal Division	38,500	"	38,500
Caroor Division	11,000	"	11,000
Irrigation Division	56,600	"	56,600
	141,900	"	141,900
Communications			
Main Roads			
Collegal Division	25,000	"	25,000
District Roads			
Coimbatore Division	"	"	"
	25,000	"	25,000

Supg Engrs Office
Coonoor 6th Septr
1876

M. W. Wilson Col R.E.
Supg Engr Coimbatore

P.W.D.
9 SEP 76

From
No. 3553
The Supg Engineer
Coimbatore
To
The Secretary to Govt.
D.P. Works
Madras

Dated 6
Recd 9 } Septr 76

Provincial Fund

Part II.

Detail of Estimate
for Original Works
for 1877-78.

G.O. 851 of 14-3-77

Statement of the Floating Plant in the Godavery District showing the nature of Employment, the cost of up-keep, and the Fund &c.

Estimate from which to be maintained during 1877-78.

Registered Numbers	Details of Plant		Date of Construction	Measurement of Plant						Machinery					Remarks:
	Description	Name of Boat &ca		Hull over all			Extra Width for Paddle Boxes	When loaded		Engines		Boilers		Pr	t condition and hows posed of if irrepairable-
				L	B	D		Draft	Tons Carried	N.H.P.	Description	the Pressure	Description		
.	Steamer	Wynegunga	-	130	24	3	.	2	173¼	30	.	.	.	sto wh	rom Rajahmundry to Duma=gudem- ishweram awaiting repair
.	Do	Wurda	-	130	24	3	"	2	173¼	30	.	.	.	L	t Dumagudem
.	Do	Godavery	.	130	24	3	"	2	173¾	30	.	.	.	S	
1	Navigation Barges	U.G. Barges	Fitted up in May 1868	90	14	4	"	2	70	.	.	.	.		
2	Do	Do		90	14	4	.	2	70	"	"	.	"		
3	Do	Do		90	14	4	.	2	70	.	"	"	"		
4	Do	Do		90	14	4	.	2	70	.	.	.	"		
5	Do	Do		90	14	4	.	2	70	.	.	.	"		
6	Do	Do		90	14	4	.	2	70	.	.	.	.		

Dowlaishweram
9th September 1876

(signed

E. Major R.E.
g Engineer God'y De

Comp. [illegible]

Statement of the Floating Plant in the Godavery District showing the nature of Employment, the cost of up. Keep, and the Fund or Estimate from which to be maintained during 1877-78.

Registered Numbers

Details of F

Description N

Remarks.

t condition and how
sposed of if irreparable-

- Steamer
- Do.
- Do.
- 1 Barges — Navigation
- 2 Do.
- 3 Do.
- 4 Do.
- 5 Do.
- 6 Do.

rom Rajahmundry to Dumagudem
aishweram awaiting repairs
at Dumagudem

A Data of Details showing the amount required for the annual up. Keep of the Government Floating Plant

Particulars	Quantity	Rate	Amount	Grand Total	Remarks
For Barges					
Docking and Launching	"	" "	30 " "		
Painting per Sqr.	22½	3 8 "	78 12 "		
Tarring per Sqr.	22½	1 8 "	33 12 "		
Caulking Deck per Hd. Rft.	1200	3 " "	36 " "		
Ropes &ca.	"	" "	16 " "		
Centage	"	" "	37 8 "		

Total Rupees 232 " "

Dowlaishweram
September 1876

/True Extract/
/signed/ D McNeil Campbell R.E.
Exe.

J. Beatty. Major R.E.
Offg. Superintending Engineer Gody. Dist.

Dowlaishw
9th Septem

Major R.E.
g Engineer Gody. Dist.

Statement of the Floating Plant in the Godavery District showing the nature of Employment, the cost of up-keep, and the Fund or Estimate, from which to be maintained during 1877–78.

107

Details of

Registered Numbers		Description	Revolution	Average Speed Miles per hour	Value of Plant. Original	Value of Plant. Present Book value	Cost of annual up keep as per Details amended	Employments during District	Employments during Locality	Employments during Work	Employments during Fund	Remarks. Present condition and how to be disposed of if irrepairable
.		Steamer	unknown	.	Unknown		1100	Godavery	Dumagudem	Idle	Provincial	Running from Rajahmundry to Dumagudem
.		Do.		.	unknown		1100	Do.	Dowlaishweram	Do.		At Dowlaishweram awaiting repairs
.		Do.		.	unknown		1100	Do.	Do.	.		Lying at Dumagudem
1	Navigation	Barges	.	1	Unknown	Unknown	232	Godavery	Dowlaishweram	Conveying Cargo.	Provincial	
2		Do.	.	1			232					
3		Do.	.	1			232					
4		Do.	.	1			232					
5		Do.	.	1			232					
6		Do.	.	1			232					
							4692					

Dowlaish

9th Septe

True Extract
(Sd.) D. McNeil Campbell R.E.
Executive Engineer Gody. Dist.

J. Beattie Major R.E.
Offg. Superintending Engineer Gody. Dist.

P.W.D.
16 SEP 76
No 1146
1

No 1642

~~Distt~~ Engrs Office
Dowlaishweram, 9th September 1876

108

From,

Major I. Beatty R.E.
Offg. Supd Engineer Godavery Dt.

To,

Major General G. W. Walker R.E.
Secretary to Government P.W. D.

Sir,

As directed in G. O No. 236 of 2d February 1874, paragraph 7, I have the honor to submit the annual list of River Navigation Plant, shewing the amount, required for its maintenance during 1877-78.

2. The list of Irrigation Floating Plant has been forwarded to the Chief Engineer for Irrigation as usual.

I have the honor to be,
Sir,
Your Most obedient Servant
I Beatty - Major R.E.
Offg Supd Engineer Godavery Dt.

Compd SB

Ed 2-2-74 No. 236.

P.W.D.
16 SEP 76
No. [illegible]

From,
The Offg. Supg. Engineer
Godavery Dist.
To,
The Secretary to Government
P.W.D.
Madras

Dated 9th
Recd 16th } September 1876

No. 1642

Floating Plant
Navigation - annual
list of — Forwards
for 1877/78 -

22.9.76

South Arcot District   Part II.

110

Provincial Budget Estimate for 1877-78

Detail of Estimate for Original Works.

Executive Division	No	Locality	Project Description	Amount of Estimate	Expenditure up to 31st March 1877	Computed Estimate for 1877-78	Remarks or References
			Civil Buildings				
			B. Revenue Department				
			i General, District Kacheri				
Cuddalore	1	Munjacoopum	Kacheri for the Collector of South Arcot.	19,770	"	10,000	Estimate submitted in No 86 of 9th August /76. x £1578 sent to Accts 25-7-76
			ii Talug Kacheris				
Virdachel-lum	2	Kallakurchi	Talug Kacheri and Subsidiary Jail	20,190	12534 sanctioned of 1875/76 5656 allotted for 1876/77 18,190	2,000	G.O. No 123 of 20/1/76 [illegible] Item No 16 of Budget of 1876-77.
Cuddalore	3	Trivady	Sub Magistrates kacheri and Subsidiary Jail	10,280	"	10,280	Estimate submitted in No 101 of 2nd Septr /76 £1338 sent to Accts 25-7-77
-do-	4	Munjacoopum	Talug Kacheri and Sub Registrar's office	15,050	"	10,000	Revised estimate ready will be sent in shortly
			E. Prisons Department				
			iii Lock-ups				
Virdachellum	5.	Munnargoody	Subsidiary Jail with out houses.	4,450	"	4,450	G.O. No 766 of 18th March 1875.
						36,730	

Executive Division	No.	Locality	Project Description	Amount of Estimate	Computed Expenditure up to 31st March 1877	Estimate for 1877-78	Remarks or References
						36,730	
			F. Police Department				
			iv Miscellaneous				
Cuddalore	6	Trickolore	Bungalow and office for Assistant Superintendent.	6,550	2881	3669	G. O. No 158 of 20th March 1875
Cuddalore Tindivanam Virdachellum.	7		Minor New Works.	300 100 100	" "	500	
			Total Civil Buildings Rs			40,899	

Major, R. E.,
District Engineer

Ag Collector

Part III

Detail Estimate for Repairs

	Estimate 1877-78 Amount	Estimate 1877-78 Total	Estimate for 1876-77 Amount	Estimate for 1876-77 Total
Civil Buildings				
Cuddalore Division				
A. Judicial Department				
i. Court houses	100			
B. Revenue Department				
i. General, District Kacheris	3000			
ii. Talug Kacheris	200			
E. Prisons Department				
iii Lock-ups (or Sub Jails)	150			
L. Public Works Department				
i Offices	100			
N. Government Houses & Residencies	1500			
		5050		1,800
Tindivanam Division				
B. Revenue Department				
i General, District & Divisional Kacheris	100			
ii Talug Katheris	200			
iii Miscellaneous	100			
E. Prisons Department				
iii Lock-ups (or Sub Jails)	100			
L. Public Works Department				
iii Miscellaneous	100			
		600		450
Virdachellam Division				
B. Revenue Department				
i General, District & Divisional Kacheris	100			
Carried over	100	5,650		2,250

	Estimate for 1877-78 Amount	Estimate for 1877-78 Total	Estimate for 1876-77 Amount	Estimate for 1876-77 Total
Brought forward	100	5650		2,250
ii Talug Kacheris	2000			
iii Miscellaneous	100			
E. Prisons Department				
iii Lock-ups (or Sub Jails)	100			
L. Public Works Department				
i Offices	50			
		2350		250
Total Civil Buildings		8,000		2,500

N.B. Repairs commenced in 1874-75 to the Huzur Cutcherry on Estimate of Rs 5,590 have not been completed, – in fact the repairs have not been proceeded with in the current year owing to the inadequacy of the grant, and the balance Rs 1873 of this estimate is proposed to be spent next year. Extensive repairs are required to the Government House at Munjacoopum. The Talug Cutcherry at Chillambram is in need of extensive repairs for which an estimate of about Rupees 2900 has been received. If the existing buildings in the District are to be put in proper order, it is absolutely necessary that the grant for repairs should be increased.

District Engr's Office, South Arcot
Panrooty 22nd September 1876
Major, R.E.
District Engineer

Septr 28th Do
Ag. Collector of S. Arcot.

To The Chief Engineer,
D.P.W.

P.W.D.
29 SEP 76
No. 7715

From.
The District Engineer
North Arcot
To.
The Chief Engineer
of
D.P.W.
Dated 22nd }
Recd 23rd } Septr 1876

No. 119

Provincial Budget
Estimate for 1877-78

No. 2070

113

NORTH ARCOT DISTRICT,

PUBLIC WORKS DEPARTMENT.

BUDGET ESTIMATE,

PROVINCIAL,

FOR THE YEAR 1877/78.

MADRAS:
PRINTED BY E. KEYS, AT THE GOVERNMENT GAZETTE PRESS.
1875.

NORTH ARCOT DISTRICT.

Part II

Detail of Estimate for Original Works for 1877/78

Executive Division.	Projects. No.	Projects. Locality.	Projects. Description.	Amount of Estimate.	Computed expenditure up to 31st March 1877.	Estimate, 1877/78	No.	Remarks or References.
			Provincial Services.					
			Civil Buildings.					
			Revenue Department					
North Arcot District			General District & Divisional Cutcherries.					
Chittoor Range	1	Chittoor	Constructing an Office for the Assistant Collector attached to the Collector's Office at Chittoor	3,900	"	3,900	1	Sanctioned in G. O. No. 6 of 1st July 1874
			Taluq Cutcherries					
Chittoor Range	2	Palmanair	Improvements to the Taluq Cutcherry at Palmanair	3,800	"	3,800	2	Estimate called for in G. O. No. 1425 dated 15 July 1876 and will be submitted soon. + Cannot be traced.
Wallajah Range	3	Trittany	Constructing Sub Magistrate's Cutcherry with Out Offices at Trittany	9,120	"	9,120	3	Sanctioned in G. O. No. 147 dated 17 May 1872.
						16,820		
			Carried Over					

NORTH ARCOT DISTRICT.

Detail of Estimate for Original Works for 1877/78 (Continued.)

Executive Division.	Projects. No.	Projects. Locality.	Projects. Description.	Amount of Estimate.	Computed expenditure up to 31st March 1877.	Estimate, 1877/78	No.	Remarks or References.
North Arcot District			Brought over			16,820		
Vellore Range	4	Vellore	Converting the Goomsoor Rajah's mahal into a Talug Cutcherry in the Fort of Vellore	5450 2700 G.O. [illegible]	1700 1000 added in G.O. [illegible]	3750	4	Revised estimate called for in G.O. No 822 dated 31st March 1876.
Wallajah Range	5	Wallajahpett	Constructing Talug Cutcherry at Wallajahpett	30,000	"	10,000	5	Estimate called for in G.O. No 1850 dated 28 Octr 1875.
			Prison Department District Jails					
Chittoor Range	6	Chittoor	Constructing Quarantine ward in the District Jail at Chittoor	5200	"	5,200	6	Included in estimates called for in G.O. No 1710 dated 23d Novr 1874.
Do	7	Do	Constructing Female & Civil Debtor's ward without buildings &c in the District Jail at Chittoor	"	"	9,000		Estimate called for in G.O. No 1710 of 23d Novr 1874.
	8		Grant for Minor Works the estimated cost of which does not exceed Rupees 2500 each	"	"	500	8	[illegible]
						45,270		
			Civil Buildings					

NORTH ARCOT DISTRICT.

Detail of Estimate for Original Works for 1877/78 (*Continued.*)

Executive Division.	Projects. No.	Projects. Locality.	Projects. Description.	Amount of Estimate.	Computed expenditure up to 31st March 1877.	Estimate, 1877/78	No.	Remarks or References.
			Brought over			45,270		
			Communications					
			— None —					
			Miscellaneous Public Improvements					
			— None —					
			Total			45,270		

ABSTRACT.

Main Heads.	Provincial.	Educational.	Port.	Total.
Civil Buildings	45,270	"	"	45,270
Communications	"	"	"	"
Miscellaneous Public Improvement ...	"	"	"	"
Total...	45,270	"	"	45,270

North, Arcot
District Engineer's Office,
Vellore 28th September 1876.

Hew Prendergast Major R.E.
District Engineer, North Arcot.

North Arcot District
Part V.
Detail of Estimate for Tools & Plant for 1877/78.

Description of Articles	Estimate 1877/78	Estimate 1876/77
New Supplies		
Polur Range Surveying & mathematical instruments	62	"
Machinery	"	"
Tools & Plant	"	100
Polur Range Office Furniture	25	"
Camp Equipage	"	"
Live Stock	"	"
Total	87	100
Repairs and carriage from place to place	100	125 100
Total	100	100 125
Supplies from England not included in the estimate for Works	"	"
Grand Total	187	200 125

Hew Pendergast Major R.E.,
District Engineer
North Arcot

North Arcot District Engr's Office
Vellore 28th September 1876.

North Arcot District
Appendix B.
Estimate of the probable receipts that will be realized by and on account of the Public Works Department during 1877/78

Items	Estimate for 1877/78		Estimate for 1876/77	
	Amount	Total	Amount	Total
Revenue Provincial				
To be realized in the P. W. Deptt				
Rents of buildings	714	714		708
Total Revenue Provincial		714		708

Hew Pendergast Major R.E.,
District Engineer
North Arcot

North Arcot District Engr's Office
Vellore 28th September 1876.

Provincial Budget Establishment

Detail of Estimate for Establishment of the Consulting Architect's Division for 1877-78.

Number		Particulars	Salary of Office	Estimate for 1877-78			Total Estimate for 1876-77
876-77	1877-78			Per mensem	Per annum	Total	
		Direction					
1	1	Consulting Architect to Government	950	950	11400	11400	11400
		Office Establishment					
1	1	Estimator	145	145	1740	1740	1740
2	2	Draughtsmen 30 and 25 Rs each	55	55	660	660	660
1	1	Accountant	50	50	600	600	600
1	1	Clerk	50	50	600	600	600
3	3	Peons 2 @ Rs 7 and 1 @ Rs 6	20	20	240	240	240
		Carriage allowance to Consg Architect to Government	..	50	600	600	600
		Personal allowance to Do Do	..	250	3000	3000	3000
		Office contingencies and Official postage	..	10	120	120	120
		Travelling allowance	..	..	..	..	1000
			Total	1580	18960	18960	18960

Office of the Consg Architect
2d October 1876

R. Chisholm
Consg Architect to Govt

P.W.D.
30 SEP 76

From,
The District Engineer
North Arcot

To,
The Secretary to Govt
Public Works Departt
Madras.

Dated 28th September/76.
Recd "

No. 2070.

Enclosure. None.

Budget Estimate
Provincial
For the year 1877/78.

Budget Estimate Provincial and Special for 1877-78

Detail of Estimate of original works under Provincial and Special for 1877-78.

Executive Division	Projects No.	Projects Locality	Projects Description	Amount of Estimate	Completed Expenditure to 31st March/77	Estimate for 1877-78 Provincial	Estimate for 1877-78 Special	Remarks
Presidency	1	Chepauk	Constructing Senate House	2,55,896	189588 [illegible] 1875/76 34510 [illegible] 1876/77 2,25,090	—	30795	G.O. No. 1720 of 27th May 18
							Total — 30795	

Consg. Architect's Office
2d October 1876.

B. Chisholm.
Consg. Architect to Govt.

P.W.D.
3 OCT 76
No. 7076

From
The Consulting Architect
to Government

To
The Secretary to Govern^t.
Public Works Dep^t.

Dated 2d October 1876
Received.

Provincial Budget Establishment for 1877/78 of the Consulting Architects Division

P.W.D.
3 OCT 76
No 7076

From

The Consulting Architect
to Government

To

The Secretary to Government
Public Works Dept.

Dated 2d October 1876
Received.

[illegible]

Provincial Budget
Estimate for 1877/78 of the
Consulting Architects Division

P.W.D.
5 OCT 76
No 7121

From
The District Engr.
Bangalore.
To The Chief Engineer
P. W. Deptt.

Dated 3d } Octr/1876.
Despd. 4th }
Recd. 5th }

Provincial
Budget List for
1877-78.

GOs 855/14-3-77

Provincial Bangalore District

Detail of Estimate for Original Works for 1877-78.

Execution Division	No	Locality	Projections Description	Amount of Estimate	Computed Expenditure up to 31 March 1877	Estimate for 1877-78	Remarks or References.
Bangalore Dn.			Civil Buildings Public Works Department				
	1	Bangalore	Constructing Engineer's Office at Bangalore	6,030	725	5,305	G. O. No 2,506 Dd/14th October 1873.
			[illegible]	9000	"	9000	G. O. No 107 of 17th Sept 1875
			Ecclesiastical Department				
			Minor New Works			500	[illegible] in 1876/77
				Total Rupees		5,805	

District Engineer's Office
Bangalore 3d October 1876

Major R. E.
District Engineer

Provincial Part III

Detail of Estimate for Repairs for 1877-78.

		Estimate for 1877-78		Estimate for 1877-78	
		Amount	Total	Amount	Total
Bangalore Range	Civil Buildings				
	Ecclesiastical Deptt.				
	Repairs to Saint Patricks Church at Bangalore. G. O. No. 107 Dd. 17th Septr. 1875.	9000	[illegible]	"	"
	Minor Repairs	1000		1000	
	Total Rupees.	10,000			1 ~~10~~,000.

123

Trichinopoly District

List of Subsidiary Jail works below Rupees 2500 each

Nil

Dist. Engr. Office
15th Sept. 1876

Major R.E.
District Engineer

Provincial

Trichinopoly District

P.W.D.
18SEP76
No.

List of Minor Pro works below Rs 2500 each recommended for execution in 1877/78.

125

Trichinopoly District

Budget Estimate of probable amount required for expenditure under Provincial during 1877/78.

Detail	Amount of Estimate	Probable grants required in 1877/78	Remarks
Provincial **Ordinary** **Original Works** **Civil Buildings** **Judicial Department** **Court Houses**			
Constructing a Munsiff's Court at Ariyalur	8550	8550	
Public Works Department **Offices**			
Constructing a 2nd class Range and Overseer's Office at Musiri	5060	5060	
Do. Do. Udaiyarpalaiyam	5380	5380	
4. Original Works below 2500 Rs	3540	3540	
Repairs			
Minor Repairs to Revenue Buildings	2500	2500	

District Engr's Office
11th October 1876
Camp
Madthanakurichi

Lancer Peters Major R.E.
District Engineer Trichinopoly

Provincial
New works

Details of Minor New works for 1877-78

District	For Minor New works under Civil Revenue for Buildings	For Minor New works under Miscellaneous Public Improvement	Total for Minor New works Estimated to cost less than Rupees 500
Trichinopoly District	500 " "	" " "	500 " "

District Engineer's Office
15th September 1876

Major R
District Engineer

Trichinopoly District

Budget Estimate of probable amount required for expenditure under Provincial during 1877-78.

Trichinopoly District

P.W.D.
18 SEP 76
No.

Provincial
New works

Detail of Minor
New works for 1877-78

Provincial
Repairs

Trichinopoly District
Part III Budget.

Detail of Estimate for Repairs for 1877-78.

Provincial
Ordinary
Repairs
Civil Buildings

				Estimate for 1877-78		Estimate for 1876-77		
				Amount	Total	Amount	Total	[illegible]
Trichinopoly Division.	Trichinopoly & Kulitalai Taluk.	**Judicial Department** Court-houses	250	300				50
		Miscellaneous	100	200				50
		Revenue Department District, Divisional & Taluk Kacheris	750	1000		1000		250
		Public Works Department offices	250	300				50
Musiri Division	Musiri & Perambalur Taluk.	**Revenue Department** Taluk Kacheris	350	400				50
		Judicial Department Court-houses	75	100		500		25
Udaiyarpa-laiyam Division	Udaiyarpalaiyam Taluk.	**Revenue Department** Divisional & Taluk Kacheris	150	200		500		25
		Minor Repairs to Police stations						500
		Total Civil Buildings		2500	2500	2000	2000	

Miscellaneous Public Improvement
— Nil —

District Engineer's Office
3rd October 1876

To The Chief Engineer
D. P. W.
Madras

Major R.E.
District Engineer Trichinopoly

P.W.D.
7 OCT 78
No 7197

Trichinopoly District

Provincial

Part III Budget

Detail of Estimate
for Repairs for
1877-78.

Provincial

Trichinopoly District

Part II Budget

Details of Estimates for Original Works for 1877-78.

Executive Division	No.	Project Locality	Amount of Estimate	Computed expenditure up to 31st March 1877	Estimate for 1877-78	Remarks or reference the particulars as to whether the estimate has been prepared or sanctioned should be entered here if sanctioned by Govt. of India the Registered No. should be quoted
		Provincial Original Works Civil Buildings Judicial Department Court Houses				
Udaiyarpalaiyam	3	Constructing a Munsiff's Court at Ariyalur	8550		8550	Sanctioned in G.O. No. 1308 of 7th May 1875.
		Public Works Department Offices				
Musiri	2	Constructing a 2nd Class Range and Overseer's Office at Musiri	5060		5060	Sanctioned in G.O. No. 120 of 20th January 1876.
Udaiyarpalaiyam	3	Do Do at Udaiyarpalaiyam	5380		5380	Do Do

District Engineer's Office
3rd October 1876

To The Chief Engineer
D.P.W.
Madras.

Major R.E.
District Engineer Trichinopoly

P.W.D.
7 OCT 78
7197

Trichinopoly District

Provincial
Part II Budget

Details of Estimates
for Original Works
for 1877-78.

Appendix A

Provincial

Trichinopoly District

Details of Estimates for Original works for 1877/78.

Description of work	Amount of Estimate	Remarks
Provincial Original works Civil Buildings Judicial Department Court Houses		
Extension of the Records Room of the District Judges Court at Trichinopoly	1100	Sanctioned in G.O. No 71 of 10th June 1875.
Revenue Department District Kacheries		
Additional Record Room and Privy to the Collector's Kacherry	880	Do No 16 W of 1875-76
Ryots Shed in compound of Collector's office	1080	Do No 59 W of 1876-77
Taluq Kacheries		
Wooden stand for Record Rooms of the Trichinopoly Taluq Kacherry	480	Do No 58 W of 1876-77

Appendix A alluded to in Memo No. [illegible] d. 23rd [illegible]
relating to Estimates [illegible]

District Engr's Office
3rd October 1876

Lawrence Vertue Major RE
District Engineer

P.W.D.
7 OCT 76
No 7197

From
The District Engineer
Trichinopoly

Dated 3d October 1876

Provincial
Appendix A

Details of Estimates
for Original Works
for 1877-78.

Enclos: 2

Part I

Provincial Budget Estimate of the Public Works Department

Abstract of the Estimated Charges for Public works for the Year from 1st April 1877 to 31st March 1878.

		Reference to detailed Estimate	Estimate for 1877-78	Estimate for 1876-77	Total 1877-78	Total 1876-77
Civil Buildings	Original Works	1 to 6	27,530	11,986	27,530	11,986
	Repairs		3000	2100	3000	2100
Establishment			81,000	81,141	81,000	81,141
New Supplies			700	600	700	600
Repairs and Carriage do			500	200	500	200
do		do				
do		do				

Trichinopoly District
Engineer's Office
11th October 1876

Col. R.E.
District Engineer

Part II

Detailed Estimates Original Works for 1877-78

133

Executive Division	Project No.	Project Locality	Project Description	Amount of Estimate	Computed expenditure up to 31st March 1877	Estimate for 1877-78 Provincial	Estimate for 1877-78 Special	No.	Remarks or references
Cuddapah District									
Madanapully Range	1	Madanapully	Improvements and alterations for the Sub Collector's Cutcherry			5000			Estimates &c are being prepared
Do	2	Do	Taluq Cutcherry and subsidiary jail	27,888	27,358	2530	.	2	G.O. No 957 of 13th April and No 1278 of 12th May 1876. Item No 12 of Budget for 1876-77
Do	3	Vayalpaud	Do Do	30,000	.	5000	.	3	Estimates &c are being prepared.
Do	4	Rayachoty	Do Do	30,000	.	5000	.	4	Do Do
Cuddapah Range	5	Pulivendla	Do Do	31,000	.	5000	.	5	Do Do
Sidhout Range	6	Pullampett	Do Do	.	.	5000	.	6	
						27,530			

Cuddapah District Engineer's
Office 11th October 1876

Col. R.E.
District Engineer

P.W.D.
13 OCT 76

From

The District Engineer
Cuddapah

To

The Chief Engineer
P. W. Department
Madras.

Dated 11th October 76
Despd 12th
Recd 13 "

Budget for 1877-78

Part I & II

Cuddapah District
Part

Detailed Estimate for Repairs for the year 1877-78

134

	Estimate for 1877-78 Amount	Total	Estimate for 1876-77 Amount	Total
Cuddapah Range	200			
Madanapully Range	100			
Sidhout Range	100	400		
Cuddapah Range	300			
Madanapully Range	100	400		
Cuddapah Range	800		700	
Madanapully Range	600		700	
Sidhout Range	600	2000	700	2100
Cuddapah Range	100	100		
Cuddapah Range	25	25		
Cuddapah Range	75	75		
		3000		2100
Tools and Plant	500	500	250	250

Cuddapah
Distt. Engrs Office
Dated 20th
Despd 22nd October 1876.

Colonel R.E.
District Engineer

No. 1594 Cuddapah District
Engineer's Office
20th October 1876

From

The District Engineer
of Cuddapah

To

The Chief Engineer
~~Irrigation~~
D. P. Works
Madras

Sir

In forwarding a revised Detail Estimate for Repairs Provincial for the year 1877-78, I have the honor to inform you that I have increased the amount of Estimate from Rs 2100 to Rs 3000 as the average expenditure on this head during the last 3 years was more than Rs 3,000.

Encl. 1

I have the honor to be
Sir
Your Most Obedient Servt.

W. [illegible] Coll R.E.
District Engineer

Budget Estimate
for 1877-78
Part III

No 1594 Cuddapah District
Engineer's Office
20th October 1876

From
The District Engineer
of Cuddapah

To The Chief Engineer
~~Irrigation~~ P. W. Works
Madras

Sir

In forwarding a revised Detail Estimate for Repairs Provincial for the year 1877-78, I have the honor to inform you that I have increased the amount of Estimate from Rs 2100 to Rs 3000 as the average expenditure on this head during the last 3 years was more than Rs 3000.

Encls. 1

I have the honor to be
Sir
Your Most Obedient Servt

Coll R.E.
District Engineer

Budget Estimate
for 1877-78
Part III

128

P.W.D.
23 OCT 76
No. 7615

From
The District Engineer
Cuddapah

To
The Chief Engineer
~~for Irrigation~~ D. P. Works
Madras

Dated 20th
Recd. 22d } October 1876

No. 159 & Encl. 1

Revised Detail Estimate for Repairs Provincial for the year 1877-78.—

Informs that he has increased the amount from Rs 2100 to Rs 3000 in the—

Kurnool District

Appendix A

Distribution of Establishment for 1877-78. Vide G.O. No 3107 d/ 3d November 1875

	Establishment													New Works & Repairs				
	Executive Engineer 3d Grade	Assist. Engineer 2d Grade	Upper Subordinates	Lower Subordinates	Petty Establishment	Accountants	Clerks	Draftsmen	Maistries	Peons & Lascars	Total cost of Establishment	Provision for Travelling allowance and Contingencies	Total for Establisht	Irrigation	Imperial	Provincial	Local	Remarks
District Engineer	1						7	1	1	7	12,504	3136	15,640					
Kurnool Division			4	3	4		6	1		10	8946	3,500	12,446	30000	1300	51790	say about 70000	
Nandial Do			4	3	2		5	1		10	9696	4,000	13696	30000	100	10970		
Cumbum Do			4	3	1		5	1		10	8076	3610	11,686	19000*	50	250		*Excluding Cumbum Tank channels
Special Officer		1					1	1		4	5376	1612	6988					
Cumbum Special allowance												806	806					
Total	1	1	12	9	7		24	5	1	41	44,598	16662	61,260	79000	1450	63010	70000	

Kurnool District Engineer's Office
2d October 1876

J. H. Goodchap
District Engineer

Emley
Asst.

Kurnool District

List of Estimates submitted to Government for sanction & remaining with them undisposed.

No	Name of Project	Amount	Date of submission
1	Taluq Catcheri at Sirvell	28,330	1st April 1873
2	Covered passage to Kurnool Collector's Catcheri	2,350	26th April 1875 not requi Vide Reso 73
3	District Jail at Kurnool	137,000	3d June 1875
4	Taluq Catcheri at Nandial	63,780	18th April 1876
5	D° at Nandikotkur	10,800	14 September 1876
	Total Rs	222,260	

Kurnool District Engineer's Office
2d October 1876

Emley
Asst.

W. Goodchap
District Engineer

R.W.D.
176
7284

From
The Dist: Engineer
Kurnool

To The Chief Engineer
D. P. W.
Madras

Dated 2d } October 1876
Recd

Appendix A

Distribution of
Establishment for 1877-78
Vide G. O. No 3107 of
3d November 1875

P.W.D.
11 OCT 76
No. 7285A

From,
The Dist. Engineer
Kurnool

To The Chief Engineer
D. P.W.
Madras

Dated 2nd } October 1876
Recd }

List of Estimates submitted to Government for sanction & remaining with them undisposed

Mr Lodge

13.10.76

Kurnool District

Provincial Budget Estimate of the P.W.D. for 1877·78

Part 1 Section A

Abstract of the estimated charges for Public Works for the year from 1st April 1877 to 31st March 1878

	Reference to detailed Estimate	Divisions			Estimate for		Total	
		Kurnool	Nandial	Cumbum	1877·78	1876·77	1877·78	1876·77
Original Works								
Civil Buildings (Provincial)		47,250	10,620		57,870	25,610		
Establishment (Do)					53,090	49,030		
Tools and Plant		300	150	50	500			
Total for Original Works							111,460	74,640
Repairs								
Civil Buildings (Provincial)		4,240	200	200	4,640	1,500		
Do (Educational)		2,500			2,500	600		
Total for Repairs							7,140	2,100
Grand Total							118,600	76,740

Part 1 Section B

	Kurnool	Nandial	Cumbum	1877·78	1876·77	Total 1877·78	Total 1876·77
Public Works							
Provincial							
Civil Buildings { Original Works	47,250	10,620		57,870	25,610		
Civil Buildings { Repairs	4,240	200	200	4,640	1,500		
Establishment				53,090	49,030		
Tools & Plant	300	150	50	500			
Total Provincial						116,100	76,140
Educational							
Civil Buildings Repairs	2,500			2,500	600		
Total Educational						2,500	600
Grand Total						118,600	76,740

Part II

Detail of Estimate for Original Works for 1877-78

Projects						Provincial		
Executive Division	No	Locality	Description	Amount of Estimate	Computed expenditure up to 31st March 1877	Estimate 1877-78	No	Remarks
Kurnool	1	Kurnool	District Jail at	137,000		30,000	1	Estimate was considered suitable. Vide G. O. No 99 Dated 14th August 1876
Do	2	Do	Improvements and additions to the Collector's Catcherie	29,800	15,046	14,750	2	Sanctioned in G. O. No 1249 of 4th May - Of the grant now applied for a sum of Rs. 8,000 can be utilized in 1876-77 if allotted.
Do	3	Do	Police Head Quarters Offices	2,500	500	2,500	3	Sanctioned in G. O. No 1760 Dated 10th August 1875
Nandial	4	Koilkuntla	Talug Catcherie at	63,162	54,152	10,620	4	Sanctioned in G. O. No 3070 Dated 12th December 1874
Do	5	Do	Additions to the above for the Registrar	1,610 64,772			5	Sanctioned in G. O. No 691 Dated 11th March 1875

Total for Original Works 57,870

Part III

Detail Estimate for Repairs for 1877-78

Divisions	Kurnool	Nandial	Cumbum	Estimate 1877/78 Amount	Estimate 1877/78 Total	Estimate 1876-77 Amount	Estimate 1876-77 Total	Remarks
Civil Buildings								
Minor Repairs to Revenue &c Buildings	600	200	200	1,000		1500		
Repairs to old Collector's Cutcherry	3,640			3,640*				*Estimate sanctioned by the Dist Engineer
					4,640		1,500	
Minor Repairs to Educational Buildings	2,500			2,500*	2,500	600	600	*Estimate for the repairs of Kurnool School was sent to the Inspector of Schools in January /76
Grand Total					7,140		2,100	

Part IV

Detail of Estimate for Establishment for the year 1877-78

Number 1876-77	Number 1877-78	Particulars	Estimate for 1877-78 Salary of Office	Per Mensem	Per Annum	Total	Estimate for 1876-77 Charges per annum
		Direction					
1	1	Executive Engineer 3rd Grade	650	650	7,800		
		[illegible]					
1	1	Head Clerk	80	80	960		
1	1	Draftsman	50	50	600		
1	1	Accountant	45	45	540		
2	2	Writers (35 + 30 Rupees)		65	780		
1	1	Copyist	25	25	300		
2	2	Gumastahs (15 + 12 Rs)		27	324		
1	1	Muchie	10	10	120		
7	7	Peons (1 at 8 Rs + 6 at 7 Rs)		50	600		
		Carried over				12,024	

Number		Particulars	Estimate for 1877·78				Estimate for 1876·77
			Salary of office	Per		Total	Charges per Annum
1876·77	1877·78			Mensem	Annum		
		Brought forward			12,024		
		[illegible]					
		[illegible]					
1		Medical 2nd Class Hospital Assist	40	40	480		
		Travelling allowance for the Ex: Engineer 3 Gr		125	1,500		
		Batta for Office Establishment		25	300		
		Do for the Medical Hospital Assist		15	180		
				20	240		
		Contingencies proper			150		
		Printing charges			300		
		Official Postage			66		
		Value of Engineering Papers					
		[illegible]					
		Carriage of Medicines within the District			200		
		Value of Medicines supplied			200		
		Total Direction				15,640	15,630
		[illegible]					
1	1	Assistant Engineer 2nd Grade	350	350	4,200		
		Total Engineering Establisht				4,200	4,200
		[illegible]					
1	1	Sub Engineer 3d Grade	250	250	3,000		
1	2	Supervisor 2nd Grade	150	300	3,600		
2	1	Overseer 1st Grade	100	100	1,200		
3	3	Do 2d Do	80	240	2,880		
4	5	Do 3d Do	60	300	3,600		
		Total Upper Subordinates				14,280	15,360
		[illegible]					
	3	Sub Overseer 1st Grade	60	180	2,160		
1	6	Do 3d Do	20	120	1,440		
		Total for Lower Subordinates				3,600	
		Petty Establishment		122.8.0	1,470		
		Total for Petty Establishment				1,470	2,268
		Carried over				23,550	21,828

400
5330
620
200
3000
6·77
Total

Number 1876·77	Number 1877·78	Particulars	Estimate for 1877·78 Salary of Office	Estimate for 1877·78 Per Mensem	Estimate for 1877·78 Per Annum	Estimate for 1877·78 Total	Estimate for 1876·77 Charges per Annum
		Brought forward				23,550	21,528
		Construction contd.					
1	1	Ordinary 1st Class Range Establisht		111	1,332		
1	1	Special Do Do		111	1,332		
1	1	Ordinary 2nd Do Do		86	1,032		
		Total for Range Establisht				3,696	5,731
		Special Offices Establt.					
	1	Writer & Accountant	30	30	360		
	1	Draftsman	40	40	480		
	4	Lascars	7	28	336		
		Total for Special Offices Establisht				1,176	468
		Overseers Establt.					
9	9	Overseers Writers & Lascars	27	243	2916		
	3	Sub. Overseers Writers & Lascars	21	63	756		
		Total for Overseers Establisht				3,672	2,916
		Travelling allowance		1,000	12,000	12,000	11,072
		Special allowance. Vide G. Os No 1601 & 1825 Of 26th June & 20th July 1876		67	804	804	
		Contingencies proper		30	360	360	360
		Postage			362	362	360
		Total for Construction				45,620	42,740
		Grand Total				61,260	58,370
		Deduct					
		Proportionate amount on account of General Establisht chargeable to Irrigation at 10 per cent			8,025		
		Do Do Do to Imperial at Do			145		
						8,170	6,883
		Proportionate charge to Provincial				53,090	51,487

Part IV

Abstract of the foregoing charges for Establishment for 1877.78

Particulars	Salaries	Travelling allowance	Contingencies	Total 1877.78	Total 1876.77	Remarks
Direction	12,504	1980	1156	15,640	15,630	
Construction	32,094	12,804	722	45,620	42,740	
Accounts	.	.	.	.	.	
				61,260	58,370	

Part V

Detail Estimate for Tools and Plant for 1877.78

Description of articles	Estimate for 1877.78
New Supplies	500

Kurnool District Engineer's Office
2nd October 1876

K. A. Goodchap
District Engineer

Ast.

Emley
Ast.

Part IV

Abstract of the foregoing charges for Establishment for 1877.78

Particulars	Salaries	Travelling allowance	Contingencies	Total 1877.78	Total 1876.77	Remarks
Direction	12,504	1,980	1,156	15,640	15,630	
Construction	32,094	12,804	722	45,620	42,740	
Accounts	.	.	.	.	.	
				61,260	58,370	

Part V

Detail Estimate for Tools and Plant for 1877.78

Description of articles	Estimate for 1877.78
New Supplies	500

Kurnool District Engineer's Office
2nd October 1876

K. A. Goodchap
District Engineer

Emley
Act.

Ast.

W.G. 26

P.W.D
11 OCT 76
No 7283

From
The Dist Engineer
Kurnool

To, The Chief Engineer
D. P. W
Madras

Dated 2d } October 1876.
Recd

Budget Estimate of the Public Works for the year 1877-78

Part III Repairs
Detail Estimate for 1877-78

		1877-78 Amount	1877-78 Total	1876-77 Amount	1876-77 Total
Nilgiris	Minor repairs to Commissioner's office and Divisional Kacheries	3000		3,000	
			3,000		3,000
	Minor repairs to Police stations	200		200	
			200		200
	Compensation to apothecary at Ootacamund, Sanctioned in G.O. No 49 of 8th March 1876 @ 35 Rs	420		420	
	Haccurent to other Medical Subordinates on Civil Duty	200		200	
			620		620
	23½ Miles of Municipal roads	5330		5330	
			5330		5330
	Minor repairs	400		400	
			400		400

Abstract of grants proposed for all repairs to be disbursed by Public Works Department

20 OCT 76
No 7537

Main Heads	Provincial	Local	Total
Civil Buildings	3820	"	38
Communications	5330	"	53
Mis: Pub. Improvements	400	"	4
Total Rupees	9550	"	95

J. L. L. Morant Captain R.E.

District Engineer.

P.W.D.
11 OCT 76
No 7297

From

The District Engineer

Neilgiries

Dated 9th October 1876.

Enclos: One

Provincial Budget Estimates for 1877-78.

(G.O. 551 / 14-3-77)

S. 6 II Detail Estim... Original Works for 1877-78.

Executive Division	No	Locality	Project Description	Amount of Estimate	Complete Expenditure up to 31st March 1877	Estimate for 1877-78	Remarks and References
Neilgherries	1	Wellington	Constructing a new Church	60,000	•	20,000	
						20,000	
	2	Ootacamund	Fair Lawns and Anyana[illegible] road	10,620	750	6,000	G. O. No. 902 B of 31st March 1874
	3		Opening a new road from Mailkoondah to the Coonoor Ghaut	54,962	"	25,000	P. W. G. O. No. 89 of 12th November 1875 & Fn. Dt. G. O. No. 2144 of do. do. [illegible] Budget of 1876-77–
						31,000	

District Engineer's Office
Ootacamund 9th October 1876

Morant Captain R.E.
District Engineer

Abstract of grants proposed for all Original Works to be disbursed by the P. W. Department.

Main Heads	Provincial	Local	Total
Ecclesiastical	20,000		20,000
Communications	31,000		31,000
Total Rupees	51,000	"	51,000

J. C. Morant Captain R.E.
District Engineer

Statement of sums required for Minor New Works to cost less than Rs 500 each

District	For Minor new works under Civil Building	For minor new works under M. P. Improvements	Total for minor new works & Estimates to cost less than Rs 500 each
Neilgherries	400	250	650
For 1876-77		250	650

[illegible]

J. C. Morant Captain R.E.
District Engineer

Provincial Fund
Malabar District
Part II

Detail of Estimate for original Works for 1877-78

Executive Division	No.	Locality	Project Description	Amount of Estimate	Computed expenditure up to March 1877	Estimate for 1877-78	Remarks or References
			Provincial Original Works Civil Buildings A. Judicial Department i. Court Houses				
Cannanore	1	Tellicherry	Munsiff's Court House	10960	„	10,960	Sanctioned in G. O. No. 1528 d/ 20th June 1876. Provincial No. 73 W. of 1876-77.
			B. Revenue Department i General District & Divisional Katcheries				
Palghaut	2	Palghaut	Head Assistant Collector's office	3210	Estimate requires revision vide G.O. No. 1156 of 1-5-76	3210	Sanctioned in G. O. No. 371 d/ 8th February 1865. Vide G. O. No. 1691 d/ 24th June 1874.
Cannanore	3	Kootooparemba	Sub Magistrate's Katchery and Subsidiary Jail	12740	„	10000	Estimate under revision vide Dy: Chief Engineer's No. 7/132 d/ 3rd May 1876.
			C. Customs Department i Customs Houses				
Cochin	4	Cochin	Sea Custom House	12500	„	6000	Sanctioned in G. O. No. 3776 dated 28th ~~24~~ November 1869.
			Carried over			30170	Estimate requires revision under G.O. No. 1156 of 1st May 1876 –

Executive Division	No.	Locality	Description	Amount of Estimate	Computed expenditure up to March 1877	Estimate for 1877-78	
			Brought over			30170	
			H. Medical Department.				
			iii Lunatic Asylums				
Calicut	5	Calicut	Constructing two additional Wards for [illegible] Lunatic Asylum	3660	"	3660	Sanctioned in G. O. No 170 d/ 22d Janry/76. Item No 57 of Budget of 1876/77
			L. Public Works Department				
			i Offices				
Cannanore	6	Cannanore	Constructing a first class Range Office	3620	.	3620	Sanctioned in G. O. No ~~1492~~ 1972 d/ 12th July 1875. Not to be entered in the Budget till site plan is submitted C. E. Memo No 2635 of 4-12-75=
			Miscellaneous Public Improvements				
			A. Inland Improvement				
			iv Miscellaneous				
Cochin	7	Cochin	Walling in the street front of Government yards Nos 7, 8 & 9.	2550	"	2550	Sanctioned in G. O. No 124 d/ 20th Decr/70. Estimate requires revision under G. O. No 1158 of 14 May 1874-
				Total		40000	

Abstract of the grants proposed for all original works to be disbursed by the Public Works Department

Particulars	Provincial	Local	Total
Provincial - Original Works			
Civil Buildings			
A. **Judicial Department**			
i **Court Houses**			
Cannanore Range	10960	"	10960
B. **Revenue Department**			
i **General Distt: & Divisional Kacheries**			
Cannanore Range	10000	"	10000
Palghaut Range	3210	"	3210
C. **Customs Department**			
i **Custom Houses**			
Cochin Range	6000	"	6000
H. **Medical Department**			
iii **Lunatic Asylums**			
Calicut Range	3660	"	3660
L. **Public Works Department**			
i **Offices**			
Cannanore Range	3620		3620
Miscellaneous Pub: Improvements			
A. **Inland Improvement**			
iv **Miscellaneous**			
Cochin Range	2550		2550
Total			40,000

Statement of the Sums required for Minor New Works to cost less than Rs. 500 each

Particulars	Cannanore Range	Kurumbernad Range	Calicut Range	Ernaad Range	Palghaut Range	Cochin Range	Total
Provincial							
Original Works							
Civil Buildings							
A. **Judicial Department**							
i Court houses	50	25	50	"	10	10	
B. **Revenue Department**							
i General District and Divisional Kacheries	25	"	75	25	20	20	
ii Taluq Kacheries	25	25	75	25	20	20	
	100	50	200	50	50	50	500
Misc: Pub: Impts:							
A. **Inland Improvement**							
iv Miscellaneous	25	15	50	15	15	15	
B. **Aids to Marine Navigation**							
iii Miscellaneous	25	10	50	10	10	10	
	50	25	100	25	25	25	250
Total Rupees							750

Malabar District

Provincial Fund - Part III Repairs

Detail of Estimate for 1877-78

Particulars	1877-78 Cannanore Range	Perumbernaad do	Calicut do	Ernaad do	Palghaut do	Cochin do	Total	1876-77 Total
Provincial Repairs								
Civil Buildings								
A. Judicial Department								
i Court houses	250	150	250	150	150	50	1000 √	
B. Revenue Department								
i General District and Divisional Kacheries	150	150	1000	150	150	50		
ii Taluq Kacheries	200	100	200	200	200	50		
	350	250	1200	350	350	100	2600 √	
C. Customs Department								
i Custom houses	25	25	100	"	"	50	200 √	
E. Prisons Department								
iii Lock-ups	25	25	100	50	50	50	300 √	
F. Police Department								
i Offices	"	"	50	"	"	"		
ii Stations	500	100	150	150	200	200		
iii Huts	.	50	50	50	"	"		
	500	150	250	200	200	200	1500 √	
H. Medical Department								
iii Lunatic Asylums	"	"	100	"	"	"		
iv Miscellaneous	"	"	"	"	"	100		
	"	"	100	"	"	100	200 √	
K. Ecclesiastical Department								
i Churches	100	"	50	100	100	100		
ii Cemeteries	50	"	50	50	50	50		
	150	"	100	150	150	150	700 √	
Carried over							6500 √	

Particulars	1877-78 Cannanore Range	Perumbernaad do	Calicut do	Ernaad do	Palghaut do	Cochin do	Total	1876-77 Total
Brought over							6500	
L. Public Works Deptt:								
i Offices	100	50	150	100	100	"	500 √	
Total Civil Buildings							7000	7000
Misc: Pub: Impts:								
A. Inland Improvements								
iv Miscellaneous	50	30	50	30	20	20	200 √	
Total Misc: Pub: Improvements							200	200
Compensation for rent of Quarters								
Medical Subordinates on Civil duty	100	"	100	"	50	"	250 √	
Total compensation for rent of Quarters							250	250
Grand Total Rupees							7450	7450

W. Logan Coll

13OCT76

Malabar Distt. Engrs Office
Calicut 12th October 1876

W. H. Keene Lt. Col:
Distt. Engineer, Malabar

To
The Secretary to Government
P.W.D.
Madras.

P.W.D.
16 OCT 76
7436

From
The District Engineer,
Malabar

To
The Secretary to
Government, P.W.D.,
Madras

Dated: 12th }
Recd: 16. } October 1876.

Provincial

Budget Estimate
for 1877-78.

Kistna District
Part III

Detail of Estimate for Repairs for 1877/78

Description of work	Estimate for 1877/78 Amount	Estimate for 1877/78 Total	Estimate for 1876/77 Amount	Estimate for 1876/77 Total
Divisions - Provincial				
Ordinary Fund				
II. Repairs				
(I) Civil Buildings				
(Imperial service)				
A Judicial Depts.				
i Court houses				
Bapatla Do. - Minor Repairs	100		[illegible] 50	
Guntur - Do.	200		[illegible] 100	
Palnad - Do.	100		50	
Bezwada - Do.	100		50	
Masulipatam - Do.	200	700	100	
B Revenue Department				
ii Taluq Kucheries				
Rapulli - Minor Repairs	800		[illegible] 300	
Bapatla - Do.	200		50	
Guntur - Do.	300		100	
Palnad - Do.	700		500	
Nundegam - Do.	300		100	
Bezwada - Do.	200		50	
Masulipatam - Do.	500	3000	200	
C. Customs Depts.				
i Custom houses				
Masulipatam - Minor Repairs	200		100	
		200		1500 ~~[illegible]~~
Carried over.		3900.		

	Brought forward		3900	1500
	(Provincial service)			
	H Medical Depta			
	IV Miscellaneous			
Bezwada	Minor Repairs &c	50		
Masulipatam	Do	50	100	
	K Ecclesiastical Department			
	i Churches			
Masulipatam	Minor Repairs	200		100
			200	
	ii Cemeteries			
Guntur	Minor Repairs	100		50
Palnad	Do	200		100
Bezwada	Do	100		50
Masulipatam	Do	100	500	50
	L Public Works Department			
	i Offices			
Palnad	Minor Repairs	50		25
Bezwada	Do	50	100	25
	ii Workshops & Factories			
Bezwada	Minor Repairs	100	100	50
	iii Miscellaneous			
Bezwada	Minor Repairs	100	100	50
			5000	3000
	E Police Department			
	i Offices			
Masulipatam	Minor Repairs	50	50	
	ii Stations			
	Minor Repairs	500	500	
	iii Huts			
	Minor Repairs	50	50	
	IV Miscellaneous Minor Repairs	100	100	600
			700	
	Carried over		5700	3600

	Brought forward		5700	3600
	(3) Miscellaneous Public Improvements			15 ✓
	A Inland Improvement			
	IV Miscellaneous		[illegible] 200 Rs	✓
Masulipatam	Minor Repairs	400	400	200
			6100	3800
	Educational Fund			
	G Educational Depta			
	ii Schools			✓
Guntur	Minor Repairs	300	300	500
	Grand Total		6400	4300

N.B. Grants for 1876/77 viz Rs 3800 + 500 are not sufficient, certain estimates are still lying unsanctioned for want of Funds.

Superintending Engrs Office
Camp Guntur
13th October 1876
M.E.

John [illegible] Major R.E.
Superintending Engr
1st D.

P.W.D.
2000176
No. 7538

From
The Superintending
Engr. K.D.

To
The Secretary
to Government
P.W.D.

Dated 13th October 1876
Received

Part III

Budget Estimate
of Repairs Provincial
for 1877/78. Kistna
District

Appendix to Part II

Statement showing the sums required in 77/78
for Minor New works K.D.

Distribution made vide G.O.
No 3107 of 3rd June 1875

Divisions	Provincial	Remarks
Repully	50	
Bapatla	50	
Guntur	100	
Palnad	100	
Nundigama	50	
Bezwada	50	
Masulipatam	100	
	500	

Superintending Engrs Office
Camp Bezwada
23rd Septr. 1876

John [illegible] Major R.E.
Superintending Engr. K.D.

M.E.

P.W.D.
29 SEP 76
No.

From
The Superintending Engineer
( ) Kistna
To
The Secretary
to Government P.W.
Dated 23rd September 76
Received

Part II

Budget Estimate of
Ordinary Works, Provincial
for 1877/78, Kistna Dt

Kistna District

Part V

Detail of Estimate for Tools and Plant of the Kistna District for 1877-78.

	Navigation		Machinery for Mills		Surveying and Mathematical Instruments		Miscellaneous Plant Tools		Office furniture		Camp equipage		Repairs and Carriage		Total	
	1877-78	1876-77	1877-78	1876-77	1877-78	1876-77	1877-78	1876-77	1877-78	1876-77	1877-78	1876-77	1877-78	1876-77	1877-78	1876-77
Provincial																
New Supplies	-	-	-	-	-	-	500	-	-	-	-	-	-	-	*500	
Repairs	-	-	-	-	-	-	300	-	-	-	-	-	-	-	*300	
Total	-	-	-	-	-	-	800	-	-	-	-	-	-	-	800	

Superintending Engr's Office
Camp Bezwada
23rd September 1876

* Will be required as nothing is granted for 187

(Sd) J. O. Hasted Major R.E.
Supg Engineer, Kistna

P.W. 6986/76

Kistna District

Part II.

Detail of Estimate for Original Works for 1877/78

Executive Division	No	Locality	Project Description	Amount of Estimate	Completed expendi=ture up to 31st March 1877	Estimate for 1877/78	Remarks and References
			Provincial				
			I Original Works				
			(1) Civil Buildings				
			(Imperial Service)				
			A Judicial Department				
			1 Court Houses				
Bezorah Dn	1	Bezorah	Improvements to District Munsiff's Court	~~2740~~ [illegible]		2740	Estimate sent to District Judge with No 141 dated 29th August 1876.
Bapatla Dn	2	Bapatla	Constructing District Munsiff's Court	12320		6000	Sanctioned in G. O No 96 dated 11th December 1875.
Masulipatam Dn	3	Masulipatam	Do — Do — Do	~~12700~~ [illegible]		6000	Do Do but not sanctioned vide G. O No 96 dated 11th December 1875
Guntoor Dn	4	Guntoor	Improvements to District Judge's Court	~~8400~~		5000	Estimate not yet sanctioned, vide G. O No 146 dated 3rd April 1875
						19740	

176

						19740	
			III Revenue Department i General, District and Divisional Kacherries				
Masulipatam Do	1	Masulipatam	Improvements to Collector's Cutcherry	34,130		15000	Sanctioned in G. O. No 2046 dated 17th July 1875 " in G. O. No 169 dated 20th May 1876
Bezorah Do	2	Bezorah	Improvements to Head Assistant Collector's Cutcherry	1940		1940	
			ii Taluq Kutcherries				
Masulipatam Do	3	Avanigadda	Constructing Deputy Tahsildar's and Subsidiary Jail	~~10030~~ 9420	3735	6295	Sanctioned in G. O. No 193 dated 15th April 1875
Palnad Do	4	Gurazala	Constructing Datchapally Taluq Cutcherry and Sub Jail	~~25050~~ 24762		10000	Sanctioned in G. O. No Do — Do
Nandegama Do	5	Nandegama	Constructing 1st Class Taluq Cutcherry and Subsidiary Jail	~~22200~~ 21471	1614	10000	— Do — Do — Do
— Do —	6	Jaggiahpett	Constructing 3rd Class Taluq Cutcherry & Subsidiary Jail	~~10100~~	258	9842	— Do — Do — Do
Palnad Do	7	Vinukondah	Additions and Improvements to Taluq Cutcherry and Constructing Subsidiary Jail &c	~~8000~~ 7248	192	7800	— Do — Do — Do
— Do —	8	Tummercodu	Do Do to Deputy Tahsildar's Cutcherry and Do Do	6000	118	5882	Estimate sent to Collector with No 88 dated 10th September 1875
Nandegama Do	9	Visvannapett	Constructing 3rd Class Taluq Cutcherry and Sub Jail	10000		5000	— Do — Do — Do
Bezorah Do	10	Gunnavaram	Improvements and additions to Deputy Tahsildar's Cutcherry and Subsidiary Jail	2750		2750	— Do — Do — Do
Guntoor Do	11	Sattinapally	Constructing 1st Class Taluq Katcherry and Subsidiary Jail &c	23100		5000	— Do — Do — Do
Rapally Do	12	Tenally	Improvements and additions to Deputy Tahsildar's Cutcherry and Subsidiary Jail	5600	55	5545	— Do — Do — Do
Masulipatam Do	13	Kykaloor	Improvements & additions to Deputy Tahsildar's Cutcherry and Subsidiary Jail	5000	82	4918	— Do — Do — Do
Palnad Do	14	Narasaraopett	Constructing 1st Class Taluq Cutcherry & Subsidiary Jail	27500	118	5000	— Do — Do — Do
			iii Miscellaneous				
Guntoor Do	15	Guntoor	Constructing a Dead House	1000		1000	Sanctioned in G. O. No 322 dated 17th November 1874
			(Provincial Services) F. Prison Department ii District Jails				
Guntoor Do	16	Guntoor	Improvements to Jail	Probable 9000	1,000	5000	Estimate will be sent shortly
						120712	

			II. Police Department		120712	
			ii and iii Stations & Huts			
Kistna Do.	17	Kistna Do.	Police stations and Huts		4000	
			IV. Public Works Department			
			i Offices			
Repally Do.	18	Duggiralah	Constructing Repalley Division Office	5900	5900	Sanctioned in G.O. No. 2475 dated 2nd September 1874.
Bapatla Do.	19	Bapatla	Do. Bapatla Do.	4300	4300	
			(3) Miscellaneous Public Improvements			
			B Aids to Marine Navigation			
			iii Miscellaneous			
			Constructing Beacon at false point between Nizampatam and Divi		Total 134912	Transferred to Imperial

P.W.D.
29SEP76
No.

Superintending Engr's Office
Camp Bezwada
23rd September 76

M.E.

[illegible]

Major R.E.
Superintending Engineer, Kistna

Kistna

No. 84 of 1876
P.W.D.
Part III of Provincial
200/76
Budget for 1877/78.

Forwarded duly prepared as requested in office Dy Chief Engrs memo No. I/1047 of 3rd October 1876 endorsed on back of original Part III for 1877/78.

(Sd.) [illegible] Major R.E.
Superintending Engr. R.D.

[illegible]
Superintending Engrs Office
Camp Guntur 13th October 76.
Recd 16th O.O.

Kistna
Repally
Bapatla

No: 106 S.L. Part III

Detail Estimate for Repairs for 1877-78 under Provincial

167

		Items	Estimate for 1877-78 Amount	Estimate for 1877-78 Total	Estimate for 1876-77 Amount	Estimate for 1876-77 Total
		Civil Buildings				
		Minor Repairs				
Salem Range	Salem Taluq Trichengode " Namkul " Attoor "	Judicial Department				
		Court Houses	350	350	[illegible]	50
		Revenue Department				
		Gl. Dist. & Divisional Cutcherries	850		[illegible]	150
		Taluq Cutcherries	400	1250	[illegible]	100
		Public Works Department				
		Office	200	200		
		Prison department				
		Central jail	150			
		Lock ups	50	200		
Ossoor Range	Ossoor Taluq Darampuri " Kistnagherry "	Judicial Department				
		Court House	100	100		
		Revenue Department				
		Gl. Dist. & Divisional Cutcherries	500		[illegible]	100
		Taluq Cutcherries	350	850	[illegible]	
		Public Works Department				
		Office	50	50		
	Tripatore Taluq Uttengherry "	Judicial Department				
		Court House	50	50		
		Revenue Department				
		Gl. Dist. & Divisional Cutcherries	150			
		Taluq Cutcherries	250	400	[illegible]	
		Public Works Department				
		Office	50	50		
Salem Range	Subordinates on Civil duty	House rent to Medical	500	500		
		Total	4000			3500

Distt Engineer's Office
2nd November 76
Salem

To The Deputy Chief Engineer P.W.D. with reference to his No. 1194 I dated 26th October 1876.

[illegible]
Offg District Engineer

P.W.D.
21 Nov 77
No 7960

From
The Offg: Distt: Engineer
Salem.

To
The Dy: Ch: Engineer,
C. P. W.

Dated 2nd
Recd. 7 Nov. /76.

No. 106 SL

Part III.

Detail Estimate
for Repairs for 1877/78
under Provincial.

Detail of Estimate for Original Works for 1877-78.

Executive Division	No.	Locality	Projects Description	Amount of Estimate	Computed expenditure up to 31st March 1877	Estimate for 1877-78	No.	Remarks or References.
			Original Works Civil Buildings Judicial Department Miscellaneous					
Salem	1	"	Minor New Works [illegible]	1790 Below 2500	"	1790	1	Sanctioned in G.O. No. 119 dated 18th August 1876.
			Revenue Department General District & Divisional Cutcherries					
	2	Salem	Providing a rear verandah with rooms and railed enclosure to the Press room and Treasury Office for the Collector's Cutcherry	3440	"	3440	2	do 922 of 7th April 1876.
			Taluq Cutcherries					
	3	Womalore	Constructing a Deputy Tahsildar's Cutcherry at Womalore	9020	"	Rs 5000	3	do 5 of 2nd November 1874
	4	"	Minor New Works	2484 [illegible]	"	2484	4	do 3139 of 4th November 1874 do 899 of 5th April 1876 do 2098 of 14th August 1876
			Prisons Department Central Jail					
	5	"	Minor New Works [illegible] Central Jail	1419 Below [illegible]	"	1419	5	do 6 of 31st December 74
						14133		

Carried over

167

Detail of Estimate for Original Works for 1877-78 (Continued)

Executive Division	No	Locality	Project Description	Amount of Estimate	Computed expenditure up to 31st March 1877	Estimate for 1877-78	No	Remarks or References
			Brought forward			14133		
			Public Works Department **Office**					
Salem	6	"	Minor New Works	2370	Salem Rs 25[illegible] "	2370	6	Sanctioned in G.O. No 899 of 5th April 1876
			Revenue Department **Taluq Cutcherries**					
Oossoor	7	Darampoory	Constructing a Tahsildar's Cutcherry at Darampoory	27850	"	17000	7	do 3236 of 13th November 1875
	8	Kistnagherry	Altering and improving the present Taluq Cutcherry at Kistnagherry	5000+	"	5000	8	Estimate under revision will be submitted in a few days. + No estimate -
			Public Works Department **Office**					
Tripatore	9	Oossoor	Residence for a Range Office at Oossoor	5800	"	5800	9	Sanctioned in G.O. Nos 1464 & 1849 of respectively 6th June & 21st July 1876.
	10	Tripatore	Constructing a Range and Taluq Overseer's Office at Tripatore	2710	"	2710	10	do 3148 of 4th November 1874
					Total Rupees	47013		
			Communications **Main Roads**					
Salem	11	Shevaroy	Opening out the New trace of the Ghat Hills between Yercaud and Salem as a bridle path	6200	"	6200	11	do 428 of 15th February ~~1876~~ 1875

Abstract

Main Heads	Provincial	Educational	Total
Civil Buildings	47013		
Communications	6200		
			53213

Statement Shewing the Sums required for Minor New Works to cost less than Rs 500 each under

Provincial

District	Civil Buildings	Communication	Miscellaneous Provincial Improvements	Total
Salem	400	"	"	400

Dist Engrs: Office
Salem,
23d October 1876

Detail Estimate for repairs for 1877-78 under Provincial

	Items		Estimate for 1877-78 Amount	Total	Estimate for 1876-77 Amount	Total
	Civil Buildings **Minor Repairs**					
Salem Range	Salem Taluq	Judicial Departt	350		50	
	Trechengode "	Revenue Departt	1250		250	
	Namcul "	P.W. Department	200			
	Attoor "	Prison Department	200			
Oossoor Range	Oossoor "	Judicial Departt	100		250	
	Darampoory "	Revenue Departt	850			
	Kistnagherry "	P.W. Department	50			
Tripatoor Range	Tripatoor Taluq	Judicial Departt	50			
	Uttengherry "	Revenue Departt	400			
		P.W. Department	50			
Salem Range	House rent to Medical Subordinate on Civil duty		500			
				4000	"	3500

R. Morton
Offg District Engineer

To
The Deputy Chief Engineer, D.P.W.
with reference to his No. 7/1078 of 9th October 1876.

P.W.D.
26 OCT 76
No 7632

From
The District Engineer
Salem

Dated 23rd October 1876.

Salem District
Public Works Department

Budget Estimate
~~Provincial~~
for the year 1877-78.

Provincial. Tinnevelly District

Memo shewing the particulars of lump sums entered in Part II. of the Budget under Minor Works, the estimated cost of which does not exceed Rs 2500 each.

Description of works	Amount	Remarks
Provincial		
Original Works		
Civil Buildings (Imperial Services)		
A. Judicial Department		
I. Court houses		
Constructing a covered passage connecting the old Taluq Cutcheri & Munsiff's Court House at Ambasamudram	1400 1400	Sanctioned in G.O. No 297 279 / 28-7-75.
Civil Buildings (Provincial Services)		
F. Police Department		
II. Stations		
Constructing Police Station House at Sedungamullur	750	An Estt for this work was forwarded to the Supt. of Police on the 19th August/74.
— Do — Do at Pavoor near Chuttram	1150	— Do - Do - on 18.10.75
Huts		
— Do 4 Constables Huts at Kadelgudi	2060	— Do — Do — 19.8.74
— Do Police Huts for 6 constables and one head Constable at Rathapuram	1150	An Estt for Rs 2300 was sanctd in G O No 1019 of 24.4.76
— Do — Do for Constables at Sidayapparpamullur	1240 6350	An Estt for this work was forwarded to the Supt of Police on the 8th October/75.
Grand Total	7750	

Dist. Engrs. Office Tinnevelly
Shermadevi 6th October/76

J. D. Grant
Offg. Dist. Engineer
Tinnevelly

P.W.D.
11 0. 76
No. 7294

From
The Offg. Dist. Engr.
Tinnevelly

To
The Chief Engr. and
Secretary to Govt D.P.W.

Dated 6th October /76

Tinnevelly District
Provincial Budget

Memo shewing the particulars of items included in Part II of the Budget under Minor Works, the estimated cost of which does not exceed Rs 2,5

Provincial   Tinnevelly District

Abstract of demand for each District corresponding with the Draft Budget for 1877-78.

	Original works.	Minor new works.	Repairs	Total
Tinnevelly District				
Civil Buildings 1 to 2	75,250	200	4,000	79,450
Miscellaneous P. Improvements	"	"	"	"
Total Civil Buildings	75,250	200	4,000	79,450

Dist Engr's Office Tinnevelly
Shermadevi, 6th October/76

J. D. Grant
Offg Dist. Engineer
Tinnevelly

P.W. Department
11 OCT 76
No 7294

From,
The Offg Dist Engr
Tinnevelly

To,
The Chief Engr and
Secretary to Govt D.P.W.

Dated 6th } October /76.
Regd 11th }

Tinnevelly District
Provincial Budget

Abstract of demands for each Dist. corresponding with the Draft Budget for 1877-78

District	For Minor new works under Civil Buildings.	For Minor new works under Miscellaneous Public Improvements.	Total.
Tinnevelly	200 – " – "	"	200 – " – "

Dist. Engr's Office, Tinnevelly
Shermadevi 6th October /76

J. D. Grant
Offg District Engineer
Tinnevelly

P.W.D.
11 OCT 76
No 7294

From.
The Offg Distt Engr
Tinnevelly.

To.
The Chief Engineer
and Secretary to Govt
D. P. W.

Dated 6th } October 1876
Recd }

Tinnevelly District
Provincial Budget
Part II.

Detail of Estimates
for original works for
the year 1877-78.

Tinnevelly District

Provincial

Part III

Detail of Estimates for Repairs for 1877-78 called for in Circular Memorandum No 718 / 15-11-75 from the Secretary to Govt. P. W. D.

	Estimate 1877-78. Amount.	Estimate 1877-78. Total	Estimate 1876-77 Amount	Estimate 1876-77 Total
Repairs. Civil Buildings (Imperial Services)				
A Judicial Department.				
i Court-houses.				
Northern Division	100		800	
Tinnevelly do	800	1000		
Shermadavi do	100			
B Revenue Department.				
ii Talug Cutcheries.				
Northern Division	250			
Tinnevelly do	500	1000	800	
Shermadavi do	250			
C Customs Department.				
i Custom-houses			450	
Tinnevelly Division	400	400		
(Provincial Services.)				
E Prisons Department.				
ii District Jails.				
Tinnevelly Division	1000	1000	1000	
K. Ecclesiastical Department.				
i Churches.				
Tinnevelly Division	400	400	800	
L Public Works Department.				
i Offices.				
Tinnevelly Division	150	200	150	
Shermadavi do	50			
Grand Total, Rupees.		4000		4000

District Engineer's Office. }
Palamcottah. }
30th October 1876 }

J. D. Grant
Offg District Engineer Tinnevelly

Tinnevelly District
Provincial Budget
Part III.

Detail of Estimates for Repairs for 1877-78 called for in Circular Memorandum No 718 / 15-11-75 from the Secretary to Govt. D.P.W.

7899

DISTRICT ENGINEER'S OFFICE, TINNEVELLY.
STATION Palamcottah
No. 115
From Offg The District Engineer, Tinnevelly.
To The Offg Dy Chief Engineer D.P.W.
Dated 30th } October 1876
Received }
ENCLOSURE. 1.

7899

Sir,

I have the honor to forward to you the Provincial Budget Part III classified as directed by you in your No. 1182 I of 25th

Instant.

I have the honor to be
Sir
Your most obedt Servt
J D Hunt
Offg District Engr.

J. D. Hunt

No. 2903.

Chingleput District
Provincial Fund Part III Repairs
Detail Estimate for 1877-78

175

	1877-78				1876-77
	Chingleput	Mount	Sinulier	Total	Total
Provincial Repairs					
Civil Buildings					
A. Judicial Department					
i Courthouses	500	250	250	1000	
ii Miscellaneous	"	"	"	"	
				1000	
B. Revenue Department					
i General, District & divisional Kacheris	"	1000	"	1000	
ii Taluq Kacheris	1000	400	600	2000	
iii Miscellaneous	500	250	250	1000	
				4000	3650
C Customs Department					
i Customs houses	"	"	"	"	
ii Huts (Preventive Service)	"	"	"	"	
iii Miscellaneous	"	"	"	"	
E Prison Department					
i Central Jails	"	"	"	"	
ii District Jails	1000	200	"	1200	
				1200	
C. Carr				1200	

B. F.				1200	
iii Lockups	300	100	200	600	
iv Miscellaneous	"	"	"	"	
				1800	
F Police Department					
i Offices	"	"	"	"	
ii Stations	120	50	80	250	
iii Huts	120	50	80	250	
iv Miscellaneous	"	"	"	"	
				500	500
G Educational Department					
i Universities & Colleges	"	"	"	"	
ii Schools	"	200	"	200	
iii Miscellaneous	"	"	"	"	
				200	300
H Medical Department					
i Hospital & Infirmaries	"	"	"	"	
ii Dispensaries	"	"	"	"	
iii Lunatic Asylums	"	"	"	"	
iv Miscellaneous	"	"	"	"	"
J. Marine Department	"	"	"	"	"
K. Ecclesiastical Department					
i Churches	"	800	200	1000	
ii Cemeteries	110	180	60	350	
iii Miscellaneous	"	"	"	"	
				1350	
L. Public Works Department					
i Offices	"	300	"	300	
ii Workshops & Factories	"	"	"	"	
iii Miscellaneous	"	"	"	"	

M. General purposes					
N. Government Houses & Residences	"	5090	"	5090	
O. Charitable Institutions	"	"	"	"	
P. Scientific do	"	"	"	"	
Q. Miscellaneous	"	"	"	5090	5090
Communications.					
i Main roads	"	"	"	"	
ii District roads	"	"	"	"	
iii Canals	4,000	"	4,000	8000	8,000
Miscellaneous Public Impts.					
A. Inland Improvement					
i Improvements to towns	"	"	"	"	
ii Water supply	"	"	"	"	
iii Drainage	"	"	"	"	
iv Miscellaneous	"	"	"	"	
B. Aids to Marine Navigation					
i Harbours	"	"	"	"	
ii Lighthouses	"	"	"	"	
iii Miscellaneous	"	"	"	"	

Supdg Engrs Office
[illegible]
17th November
1876

[illegible] Collis
Superintending Engineer

To
The Chief Engineer
P. W. Deptt with reference
[illegible] 14th November 1876

P.W.D.
20 NOV 76
No. 8396

From
The Supt Engineer
Chingleput

To The Chief Engineer
P. W. D.

Dated 17th
Recd 3rd Nov/76
No. 7903
Chingleput Dist.
Provincial Fund
Part III Repairs
Detail Estimate
for 1877-78.-

No. 2644

179 ✓

Provincial

Chingleput District Part II

Detail of estimate for Original Works for 1877-78.

District	Taluq	Locality	Project Description	Amount of estimate	Completed expenditure up to 31st March 1877	Estimate for 1877-78	Remarks
			Civil Buildings				
Chingleput		1 Madrantikam	Improvements to the Madrantikam Taluq Cutchery	4000 ~~4120~~	.	4120	G.O. No. 112 dated 20th January 1876.
		2 Sydapet	Constructing a room for the Assistant Dy Collector over the Treasury at Home's Garden	2800 2840	.	2800	Do No. 324 dated 3rd June 1875.
		3 Guindy	Adding three rooms to the Sydapett Taluq Cutchery for the accommodation of the Special Sub Registrar at Guindy	3,450	.	3450	Do No. 44 d/ 6th August 1875.
			Grant for Minor New Works, the estimated cost of which does not exceed Rs. 2,500	.	.	6,400.-	Rs 400 granted for 1876-77

Supg Engrs Office
Mount
31st October 1876

To
The Secretary to Govt.
P.W. Department

Colonel R.E.
Supg Engineer Chingleput

From

The Supdg Engineer
Chingleput

7908

To The Secretary to Govt
P. W. Depart

Dated 31st } October
Received } 1876.

No 2649

Provincial

Detail of Estimate
for Original
works for 1877-78.

Godavery District.

Detail of Estimate for Original Works for 1877-78.

Executive Division.	No.	Project. Locality.	Project. Description.	Amount of Estimate.	Computed expenditure upto 31st March 1877.	Amount of Estimate for 1877-78. Provincial Special.	Remarks and References.
Godavery.			Original Works. Civil Buildings. A. Judicial Departt. Court Houses.				No 1003 of 21-9-76
	19	Ellore Division	Munsiff's Court House at Ellore	12,140	"	"	
	8	Central Delta Dn	Do Do at Amalapur	13,410	"	5,000	Revised estimates submitted with letter No 1474 dated 26th August 1876- [illegible] the above [illegible] returned to the [illegible] No 1003 of 21-9-76-
	21	Rajahmundry Dn	Do Do at Peddapur	10,300	"	5,000	
			B. Revenue Departt. General District and Divisional Cutcherries.				
	1	Eastern Delta Dn	Additions to Collector's Cutcherry	31,870	"	10,000	Sanctioned in G.O. No 186 of 14th July 1875.
	3	Rajahmundry Dn	Sub Collector's Cutcherry at Do	10,400	"	4,000	Do Do No 44 of 7th March 1873.
			Talug Cutcherries.				
	4	Ellore Dn	Talug Cutcherry at Thal-pudi	18,100	"	5,000	Do Do No 184 of 20th Decr 1872.
	5	Do	Dy Tahsildar's Cutcherry at Pedapotaveram	7,600	"	3,000	Do Do No 214 of 25th February 1876.
	20	Do	Do Do at Chintalapu	7,375	"	3,000	[illegible]
			Carried Over			35,000	

Godavery District.

Detail of Estimate for Original Works for 1877-78.

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Executive Division	No.	Project: Locality	Project: Description	Amount of Estimate	Computed expenditure upto 31st March 1877	Amount of Estimate for 1877-78: Provincial	Amount of Estimate for 1877-78: Special	Remarks and References
			Brought Over			35,000		
Godavery	22	Western Delta Do	Talug Cutcherry at Nursapur	22,900	"	"		Sanctioned in G.O. No 3563 of 20/12/75
	15	Do	Do - Do - at Tanuku	21,420	"	"		
	16	Do	Do - Do at Bheemavaram	22,650	"	"		
	6	Rajahmundry Do	Do Tahsildars Kutcherry at Tuni	7,500	"	3,000		Do - Do - No 1314 of 8th May 1875
	7	Do	Do - Do - at Pittapur	7,040		3000		Do - Do - No 1311 of 8th May 1875
	18	Western Delta Do	Do - Do - at Peutapad	7,200	"	"		
	17	Rajahmundry Do	Do - Do - at Rahitapuram	7,400	"	3,000		
			C. Customs Depart.					
			Custom Houses.					
	2	Eastern Delta Do	Sea Custom House Godowns at Cocanada	5,800	"	3000		- Do - Do - No 93 of 15th January 1874
			E. Prisons Depart.					
			Central Jails.					
	13	Rajahmundry Do	Central Jail at Rajahmundry	3,53,263 G. O. No 3576 of 26/4/[illegible] G. O. No 3567 of [illegible] [illegible] [illegible]	3,29,724	10,000		The scheme for water supply will probably be carried out in 1877-78. Estimates submitted to the Inspector General of Jails.
						57,000		
			Carried Over.					

Godavery District.

Detail of Estimate for Original Works for 1877-78.

Executive Division.	Project. No.	Project. Locality.	Project. Description.	Amount of Estimate.	Computed expenditure upto 31st March 1877.	Amount of Estimate for 1877-78. Provincial	Amount of Estimate for 1877-78. Special	Remarks and References.
			Brought Over			57,000		13
			F. Police Department. Offices.					
Godavery	12	Rajahmundry Dn	Constructing Police Head quarters Office at Rajahmundry.	(10,020)	"	5,000		Estimate submitted with letter No 1136 of 20th July 1876.
			[illegible] 5376 [illegible] Rs 5000 are provided for [illegible] G.O. No 3610 of 24-12-75					
			I. Marine Departt.					
	14	Eastern Delta Dn	Master Attendant's House at Cocanada	8100	"	"	8,100	Sanctioned in G.O. No 206 of ~~23~~ 25th November 1872 (Port Fund)
			L. Public Works Dept. Offices.					
	9	Do	District Engineer's office at Dowlaishweram	8700	"	5,000		Sanctioned in G.O. No 910 of 6th April/75
	10	Central Delta Dn	Central Delta Division office at Lollah	4750 [illegible]	"	2000		Do Do No 3376 of 25th Novr 1875.
	11	Western Delta Dn	Range Officers Quarters at Chettipetta	13,504	"	5000		Do Do No 2226 of 23rd August/76
	23		Grant for Minor works the estimated cost of which does not exceed Rs 2500 each	"	"	11,380		Vide Appendix containing details
			Total Civil Buildings			85,380	8100	

L. Public Works Departt

Godavery District.

Detail of Estimate for Original Works for 1877-78.

Executive Division	No	Project. Locality.	Project. Description.	Amount of Estimate.	Computed expenditure up to 31st March 1877.	Amount of Estimate for 1877-78. Provincial	Amount of Estimate for 1877-78. Special	Remarks and References.
Godavery			2 Communications					
			Nil.					
			3 Mis: Public Improv					
			B. Aids to Marine navigation.					
			II Light House					
	1	Eastern Delta Dn	Expenses incurred on preliminary operations in connection with the Light house at Cocanada.	4715-10-1	Rs 4864 as corrected in G.O. No 2416 of 11/9/76	4716		Vide G.O. No 2592 of 10th Sept/75. [illegible] Item No 50 of Provincial Budget for 1876-77.
	2	Rajahmundry Dn	Vakalapudi Light house	6,660	3,600		3,000	It is believed that the expenditure in 1876-77 cannot exceed 3600 Rs a report will be submitted shortly. Memo to D.E. 19/10/76
						4,716	3,000	

Budget allotment for 1876-77 Rs 6600

J. Beatty. Major R.E.
Offg Supg Engineer Godavery D

Public Works Departt

Compd
CHck.

Godavery District.

Detail of Estimate for Original Works for 1877-78.

Executive Division.	Project. No.	Project. Locality.	Project. Description.	Amount of Estimate.	Computed expenditure upto 31st March 1877.	Amount of Estimate for 1877-78. Provincial	Amount of Estimate for 1877-78. Special	Remarks and References.

2d Public Works Departt

L. Public Works Departt.

I Offices.

Rajahmundry	Constructing an Overseer's Office at Rajahmundry	1000	Do-857 of 31 March 1875	"	1000	
Ellore Do	Do Do at Ellore	1000	Do	"	1000	
Central Delta	Do Do at Pullivella	1000	Do	"	1000	
Do	Do Do at Amalapur	1000	Do	"	1000	
Western Delta	Do Do at Palcole	2000	Do-3589 of 21 December 1875	"	1000	The other half will be met from Local Funds. The Local Fund Board have agreed to find the necessary funds.
Eastern Delta	Minor New Works below Rs 500 each	-	-	-	400	
					11380	

K Beatty - Major RE

Offg Supg Engineer Godavery Dt

P.W.D.
11 OCT 76
No 7282

P.W.D.
11 OCT 76
No 7282

Checked

Appendix.

List of works to be executed by the Public Works Department from the provision of Rs. 11,380 (Provincial) made under Civil Buildings, Original works, in the Provincial Budget for Minor Works, the estimated cost of which does not exceed Rs 2,500 each.

District	Division	Name of works	Estimate	Date of sanction	Computed expenditure upto 31st March 1877	Amount proposed for 1877-1878	Remarks
Godavery		A. Judicial Deptt.					
	Rajahmundry	I Court Houses.					
		Constructing two record rooms for the District Court at Rajahmundry	1,240	G.O. No 74 of 10th June/75.	„	1,000	
		B. Revenue Department.					
		II Taluq Cutcherries.					
	Eastern Delta	Constructing a Ryots shed near the Tahsildar's Cutcherry at Ramachendrapur	710	G.O. No 339 of 6th February 1875.	„	710	
	Rajahmundry	Do out buildings in the Sub Magistrate's Cutcherry at Prattipad	2300	Do- No 2599 of 12th Septr 1874.	„	1000	
		H. Medical Department					
	Eastern Delta	Constructing a Dispensary at Dowlaishweram	2000	Do- No 2971 of 18/10/75.	„	1000	
		I. Churches.					
	Do	Improving the Church at Cocanada	780	Do- No 252 of 26th May/75.	„	780	
	Do	Putting on a corrugated Iron roof to Do at Do	1470	Do	„	1000	
		K. Ecclesiastical Deptt.					
		II Cemeteries.					
	Do	Construction of a room in the new Cemetery at Jaganaickpur	490	Do- No 288 of 12th November/75	„	490	

Go'davery District

Part III Repairs

Detail of Estimate for repairs of 1877-78

Division	Items			Estimate for 1877-78	Estimate for 1876-77	Remarks
		Amount	Total	Amount	Total	
Eastern Delta	Civil Buildings					
	Minor repairs					
	A. Judicial Department					
	i Court houses	100	100			
	B. Revenue Depart.					
	i General District & Divisional Kutcheries	200				
	ii Talug Kutcheries	200				
	iii Miscellaneous	100	500			
	C. Customs Depart.					
	i Custom houses	100	100			
	E. Prisons Depart.					
	iii Lock ups	50	50			
	H. Medical Depart.					
	i Hospitals & infirmaries	50	50			
	K. Ecclesiastical Dept.					
	Churches	50				
	Cemeteries	50	100			
	L. Public Works Dept.					
	i Offices	100	100	1000	850	
	Carried over			1000	850	

Brought forward 1000 850

Central Delta

A. Judicial Depart

i Court houses 100 100

B. Revenue Depart

ii Taluq Kutcherries 300 300

C. Public Works Dept

i Offices — 100 100 500 400

Western Delta

A. Judicial Departmt

i Court houses — 150

ii Miscellaneous — 50 200

B. Revenue Depart

ii Taluq Kutcherries 250

iii Miscellaneous — 50 300 500 700

Ellore Division

A. Judicial Depart

i Court houses — 100 100

B. Revenue Depart

i General District &
Divisional Kutcherries — 50

ii Taluq Kutcherries 200

iii Miscellaneous — 50 300

C. Public Works Dept

i Offices — 40

iii Miscellaneous — 10 50 450 450

Rajahmundry Dn

A. Judicial Depart

i Courthouses — 400

ii Miscellaneous — 100 500

B. Revenue Depart

i General District &
Divisional Kutcherries — 100

ii Taluq Kutcherries 300

iii Miscellaneous — 100 500

Carried Over 1000 2450 2400

Brought forward 1000 2450 2400

reduce 250

Rajahmundry Division

E. Prisons Dept

i Central Jails — 500

ii District Jails — 200

iii Lock-ups — 100 800

K. Ecclesiastical Dept

i Churches — 150

ii Cemeteries — 50 200 2000 1800

Dumagudem

B. Revenue Depart

ii Taluq Kutcherries 100 100

C. Public Works Dept

i Offices — 100

iii Miscellaneous — 50 150 250 200

Eastern Delta House rent to Medical
Subordinates on Civil duty. 50 50

C. Delta — D° — D° — 25 25

W. Delta — D° — D° — 25 25 100 4800 100 4500

F. Police Department

Eastern Delta Minor repairs to Police Stations & Huts &c. — 900 900 900 900 Entered same as last year.

Communications

III. Canals

Eastern Delta Navigation expenses for the Steamers running on ~~the Godavery~~ 5000 5000

Carried Over 5000 5700 5000 5400

P.W.D.
8 NV 76
No 8058

	Brought forward	5000	5700	5000	5400
	Maintenance of Navigation				
Dummagudem	Works at Dummagudem	8000	13000	3000	3000
	Mis: Pub. Improvements				
	IV Miscellaneous				
Eastern Delta	Minor repairs	300	300		
	Tools & Plant				
	New supplies	100			
	Special repairs to Steamers	400		8990	
	Maintenance of Upper Godavery Steamers and Barges	8292		2200	
	Sundry repairs	300		1740	
			9092		12930
	~~Total Provincial~~		~~28092~~		~~31330~~
	Educational Funds				
Rajahmundry	Minor repairs to Educational				
Do	Buildings	400			
Western Delta	Do Do	100	500	500	500
	Port Fund				
	Annual repairs to Marine				
Eastern Delta	Buildings &c at Cocanada	800	800	800	800

J. Beatty. Major R.E.
Offg. Superintending Engineer Godavery

No. 2164 District Engineer's Office Gody.
Dowlaishweram 31st October 1876.
Despd 1st November /76

From,
Major J. Beatty R.E.
Offg. Supg. Engineer Godavery Dt.

To,
Colonel W. Farewell
Under Secretary to Government P.W.D.

Sir,

With reference to your endorsement No. $\frac{I}{1104}$ of the 13th Instt. on the Budget Estimate Part III, Provincial for 1877-78, I have the honor to submit herewith a revised Budget Part III, with the sections under which allotments are required under the head "Civil Buildings", duly inserted as requested.

I have the honor to be,
Sir,
Your Most obedient Servant
J. Beatty - Major R.E.
Offg. Supg. Engineer Godavery Dt.

Compd by DJ.

P.W.D.
No. 8058

From
The Offg: Supg: Engineer
Godavery District

To
The Secretary to Govt.
P. W. Dept.

Dated 31st Oct
Despd 1st November
Received

No. 2164
Enclo [illegible]

Budget Estimate 1877/78 Part III Provincial - Retrenchments the - with sections under which allotments are required duly given

Provincial

Tanjore District
Part II Budget

Detail of Estimate for Original Works for 1877-78

(2)

required duty given

Executive Division	No.	Locality	Project Description	Amount of Estimate	Completed expenditure up to 31st March 1877	Estimate for 1877-78	Remarks or references (the particulars as to whether the Estimate has been prepared or sanctioned should be entered; if sanctioned by the Govt. of India the Register No. should be quoted)
			Provincial **Original Works** **Civil Buildings** **Judicial Department** **Court Houses**				
Tanjore Division	1	Combaconum	Alterations & improvements to the building occupied by the Tasildar's Cutchery & Small Cause Court at Combaconum	3550	"	3550	Estimate sanctioned in G O No. 163 dated 23rd September 1875, and included in the Budget submitted from this Office for 1876-77, but no funds were allotted vide. G. O. No. 800 dated 29th March 1876.
Do	2	Tanjore	Constructing a new Court House for the District Moonsiff at Trinadi	11900	"	7500	Sanctioned in G O No. 3165 dated 6th Novr. 1875, & included in the Budget submitted from this Office for 1876-77, but no funds were allotted.
			Carried over			11050	

Executive Division	No.	Locality	Project Description	Amount of Estimate	Computed expenditure up to 31st March 1877	Estimate for 1877-78	Remarks or references (the particulars as to whether the Estimate has been prepared or sanctioned should be entered; if sanctioned by the Govt. of India the Register No. should be quoted)
			Brought forward			11050	
Munnargudi Division	3	Aroondanghi	Constructing a Sub Magistrate's Catchery with Out-houses at Aroondanghi				The preparation of Estimate for this work is in abeyance pending the receipt of the revised Standard Plan for a 3rd class Taluq Cutchery ordered to be prepared in G.O. No. 1353 dated 30th May 1876 -
			Miscellaneous				
Tanjore Division	4	Tanjore	Constructing a District Registrar's Office at Tanjore	7750	"	7750	In G.O. No. 3374 dated 25th November 1875; the Plan & Estimate of this work were referred to the Judicial Depart. but no final orders have yet been passed.
Negapatam Division	5	Negapatam	Do. a Sub Registrar's Office at Tiruvalore	2800	"	2800	Estimate called for in G.O. No. 69 dated 8th February 1875 - Plan & Estimate submitted to Govt. with letter No. 1273 dated 11th July 1876 - Est. [illegible] returned [illegible] 2738 of 12-10-76 -
			Carried over			21600	

(193)

requires any queries

Executive Division	No.	Locality	Project Description	Amount of Estimate	Computed expenditure to 31st March 1877	Estimate for 1877-78	Remarks or references (the particulars as to whether the Estimate has been prepared or sanctioned should be entered; if sanctioned by the Govt of India the Register No. should be quoted)
			Brought forward			21600	
In the District	6	Tanjore, Coombaconum, Negapatam, Myaveram, Munnargudi, Shealy, Terootorapoondi, Puttoocottah & Poryaur	Constructing Dead Houses at 950 Rs each at the following Stations - Tanjore, Coombaconum, Negapatam, Myaveram, Munnargudi, Shealy, Terootorapoondi, Puttoocottah & Poryaur	Approximate amount 11250	"	11250	The erection of these dead houses has been ordered to be postponed in G O No 1 dated 4th September 1876 for want of funds. As the aggregate charge for the dead houses at the 9 stations mentioned in the above G O at Rs 950 each does not amount to Rupees 11250 the amount could not be correctly distributed among the several Ranges; hence the amount has been entered in lump.
			Revenue Department **General District and Divisional Cutcheries**				
Munnargudi Division	7	Munnargudi	Constructing an Office building for the Deputy Collector & Magistrate at Munnargudi	9250	"	9250	Estimate sanctioned in G O No 159 dated 21st January 1876, but no funds have been allotted -
			Carried over			42100	

Executive Division	No	Locality	Project Description	Amount of Estimate Rs	Cost of Projected expenditure up to 31st March 1877	Estimate for 1877-78 Rs	Remarks or references (the particulars as to whether the Estimate has been prepared or sanctioned should be stated if sanctioned by the Govt of India the Register No should be quoted)
			Brought forward			42100	
Negapatam Division	8	Negapatam	Constructing a Sub Collectors Cutcherry at Negapatam			5000	Estimate returned with G O No 46 dated 7th January 1875 for revision after the receipt of the revised Standard Plan from the Govt Architect. The revised Standard Plan was received with G O No 195 dated 29th March 1876, & the Estimate is under preparation
Myaveram Division	9	Myaveram	Do a Head Asstt Collectors Cutchery at Myaveram			5000	Vide G O No 2836 dated 6th October 1874. Revised Standard Plan received with G O No 195 dated 29th March 1876. Estimate under preparation
			Carried over			52100	

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required duly given

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Executive Division	No	Locality	Project Description	Amount of Estimate	Computed expenditure up to 31st March 1877	Estimate for 1877-78	Remarks or references (the particulars as to whether the Estimate has been prepared or sanctioned should be entered; if sanctioned by the Govt. of India the Register No. should be quoted)
			Brought forward			52100	
			Prisons Department **District Jails**				
Tanjore Division	10	Tanjore	Constructing a new Jail at Tanjore for 276 prisoners	"	"	30000	Estimate called for in G.O. No. 192 & 1843 dated 20th January & 20th July 1876 respectively. Plan & Estimate under preparation.
			Educational Department **Schools**				
Mannargudi Division	11	Mannargudi	Building grant for the construction of a new building for the Wesleyan Mission School at Mannargudi	2750	"	2750	Sanctioned in G.O. No. 114 dated 19th October 1870.
			Public Works Department **Offices**				
Mannargudi Division	12	Mannargudi	Additions & improvements to the late Police Hospital at Mannargudi for converting it into a Range Office	2500	"	2500	Sanctioned in G.O. No. 2390 dated 7th September 1876.
			Total Original Works - Civil Buildings			87350	

Abstract of the grants proposed for all Original Works to be disbursed by the Public Works Department.

Main Heads	Provincial	Local	Total
Civil Buildings Provincial	87350	"	87350
Total	87350		87350

Supdt Engrs Office
October 1876.

Capn R.E.
District Engr Tanjore

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Abstract of the grants proposed for all Original Works to be disbursed by the Public Works Department.

Main Heads	Provincial	Local	Total
Civil Buildings Provincial	87350		87350
Total	87350		87350

Supp. Engr's Office
October 1876.

District Engr
Capna R.E.

Abstract of the grants proposed for all Original Works to be disbursed by the Public Works Department.

Main Heads	Provincial	Local	Total
Civil Buildings Provincial	87350	–	87350
Total	87350		87350

Supt Engrs Office
October 1876.

Capt R.E.
District Engr Jaipore

Tanjore District

List of minor new Works below Rs 2500 each recommended for execution in 1877-78

Description of Work	Amount of Estimate	Remarks
Provincial **Original Works** **Civil Buildings** **Judicial Department** **Court Houses.**		
Constructing a Moonsiff's Court House at Myaveram	2020	Vide G O No 2223 dated 8th September 1873. Revised Plan & Estimate according to the Standard Plans which accompanied the Govt Circular No 190 dated 17th February 1875, are under preparation
Providing accommodation for a Police Station & two wards for prisoners in Needamungalum Sub Magistrate's Cutchery	1630	Estimate sanctioned in G O No 2197 dated 21st August 1876
Carried Over	3650	
Brought forward	3650	
Revenue Department General District & Divisional Cutcheries		
Providing additional accommodation required for Clerks & Records in the office of the General Deputy Collector at Tanjore	870	Estimate sanctioned in G O No 1952 dated 10th July 1875. Funds were applied for this work in the Statement of Incomplete works submitted to Govt on the 8th May 1876, but none were allotted
Taluq Cutcheries		
Alterations and improvements to the Taluq Cutchery at Shealy	310	Estimate sanctioned in G O No 269 dated 27th July 1875. Funds were applied for this work in the Statement of Incomplete works submitted to Govt on the 8th May 1876, but none were allotted
Carried over	4830	

Description of Work	Amount Estimate	Remarks
Brought forward —	4830	
Customs Department		
Custom Houses		
Constructing 2 Rooms in the upper storey of the Sea Custom House at Negapatam	2450	Estimate submitted to Govt with letter No 1823 dated 20 September 1876
Public Works Department		
Offices		
Additions to the Range Office building at Negapatam —	1970	Estimate sanctioned G O No 3561 dated 15 Dec 1875. Funds were applied for work in the Statement of Incomplete works submitted to Govt on the 8th May 1876 but none were allotted
Total Original Works Civil Buildings	9250	

Supdg Engrs Office
October 1876 }

Capt R.E.
Distt Engr Tanjore

Tanjore District

Detail of Minor New Works for 1877-78

District	For minor new works under Civil Buildings	For minor new works under Miscellaneous Public Improvements	Total minor new works estimated to cost less than Rs 500 each	Remarks
Tanjore				
Tanjore Division —	200	"	200	
Myavaram Division	150	"	150	
Negapatam Division	150	"	150	
Mannargudi Division	100	"	100	
Total	600	"	600	

Supdg Engrs Office
Camp Peravurani
21st October 1876 }
despd 23rd

[illegible] Capt R.E.
Distt Engineer Tanjore

Enclosure in a letter from the District Engineer Tanjore to the Secretary to Govt. D.P.W. No. 2010 dated 23rd October 1876

P.W.D.
26OCT76
7716

Provincial

Part II Budget

Detail of Estimate for Original Works for 187

Provincial

Tanjore District
Part III C. Budget

Detail of Estimate for Repairs for 1877-78

		Estimate 1877-78 Amount	Estimate 1877-78 Total	Estimate 1876-77 Amount	Estimate 1876-77 Total
	Provincial Repairs Civil Buildings				
Tanjore Division	**Judicial Department**				
	Court Houses	750			
	Miscellaneous	200			
	Revenue Department				
	General district and Divisional Kacheris	750			
	Taluq Kacheris				
	Prisons Department				
	District Jails	150			
	Lock-ups	150			
	Ecclesiastical Department				
	Churches				
	Cemeteries	50			
	Carried over		2250		

		Estimate 1877-78 Amount	Estimate 1877-78 Total	Estimate 1876-77 Amount	Estimate 1876-77 Total
	Brought forward	2250			
	Public Works Department				
	Offices	100			
	Miscellaneous	50			
	Total Tanjore Division		2400	..	2400
Myavaram Division	**Judicial Department**				
	Court Houses	350			
	Miscellaneous	100			
	Revenue Department				
	Taluq Kacheries	500			
	Customs Department				
	Custom Houses	250			
	Prisons Department				
	District Jails	100			
	Lock-ups	150			
	Police Department				
	Miscellaneous	50			
	Carried over	1500	2400	..	2400

		Estimate 1877-78		Estimate 1876-77	
		Amount	Total	Amount	Total
	Brought forward	1500	2400	„	2400
	Public Works Department				
	Miscellaneous	100			
	Total Myaveram Division		1600	„	1600
Negapatam Division:	Judicial Department				
	Court Houses	150			
	Miscellaneous				
	Revenue Department				
	General District & Divisional Kacheri	100			
	Taluq Kacheri	350			
	Customs Department				
	Customs Houses	250			
	Prisons Department				
	Lock-ups	50			
	Public Works Department				
	Miscellaneous	50			
	Total Negapatam Division		1000	„	1000
	Carried over		5000	„	5000

264

		Estimate 1877-78 Amount Total	Estimate 1876-77 Amount Total
	Brought forward	5000	" 5000
Munnargudi Division	Judicial Department		
	Court Houses	150	
	Miscellaneous	50	
	Revenue Department		
	Taluq Kachery	150	
	Customs Department		
	Custom Houses	50	
	Prisons Department		
	Lock-ups	50	
	Public Works Department		
	Miscellaneous	50	
	Total Munnargudi Division	500	" 500
	Total Civil Buildings Provincial	5500	" 5500

Exe. Engr's Office
Tanjore
10th November 1876

	Estimate 1877-78		Estimate 1876-77	
	Amount	Total	Amount	Total
Special				
Communicati				
Negapatam Division — **Canal and Ferry**				
Canals				
Maintaining the Vadarniatt Canal	5000	5000	..	5000
Grand Total		10500	..	10500

Supdg. Engr's Office
Tanjore
10th November 1876

A McSmithinay Captn R.E.
District Engineer Tanjore

P.W.D.
13NOV76
8209

Enclosure with
letter from the Distt
Engineer Tanjore
to the Offg Dy. Chief Engr
No. 2148 dated
10 November 76.

Revised Budget
Part III, Provincial
for 1877-78.

No. 2148

District Engineer's Office
Tanjore 10th November 1876.

From
Captain R. R. E. Brockman R.E.
District Engineer, Tanjore

To
Colonel W. J. F. Farewell
Offg. Deputy Chief Engineer
D. P. W

Sir,

With reference to your Memo No 1204 J. dated 28 October 1876 I have the honor to forward herewith a revised Budget Part III Provincial for 1877-78 duly classifying the allotments required under Civil Buildings agreeably to G.O. No. 3411 of 30 November 1875, and para 10 of G.O. No. 925 of 10 April 1876.

I have the honor to be
Sir
Your most obedient Servant

R R E Brockman Captain R.E.
District Engineer

P.W.D.
13 NOV 76
No. 8209

From
The District Engineer
Tanjore

To
The Asst. to Chief
Engineer Office

No 2148
Dated 10th November 76
Enc. 1

Forwards Revised
Budget Part III
Provincial for 1877-78

Madras

Civil Estimate Household of His Grace the Gov
from 1st April 1877 to 31st March 1878.

Public Works Grant	Actual 1875-76	Estimates 1876-77	Estimates 1877-78	Remar
Furniture charges of Government Houses at Madras and Guindy Park	79,966	5,000	5,000	

Govt. House
Madras
16th November 1876

Philip J. Han
Private Secretary

P.W.D.
13NOV76
No 8209

Civil Estimate, Household of His Gr
Governor, from 1st April 1877 to 31st Mar

Public Works Grant	Actual 1875-76	Estimate 1876-77	1877
Furniture Charges of Government Houses at Madras and Guindy Park	9,966	5,000	5,0

Government House
Madras
16th November 1876.

Philip J. Ha
Private Se

Madras
Government House,
8th November 1876.

No. 694.

From
THE PRIVATE SECRETARY
TO HIS GRACE THE GOVERNOR,

To
THE Secretary to Government
Public Works Department
Fort Saint George.

SIR,

I have the honor to forward herewith,* the Budget Estimate of the probable Expense on account of Furniture required for Government Houses Madras and Guindy Park, for the official year 1877-78.

*in duplicate.

I have the honor to be,
Sir,
your obedient Servant,
Philip J. Hankin
Private Secretary

P.W.D.
16 NOV 76
No. 8316

From
The Private Secretary
to His Grace the Governor,

To
The Secy to Govt.
P. W. Dept.
Fort St. George

No.

Dated 16th Novr 1876.
Received

Forwards the Budget Estimate for 1877-78 for Furniture for Govt. House at Madras & Guindy Park

---

South Canara District

Provincial Budget Estimate of the Public Works Department for 1877-78

Part I

Abstract of Estimated charges for Public Works for the year from 1st April 1877 to 31st March 1878

	Estimate 1877-78	Estimate 1876-77	Total 1877-78	Total 1876-77
Ordinary				
Civil Buildings				
Original works	5500	400	5500	400
Repairs	3950	3,800	3950	3,800
Total	9400	4,200	9450	4,200

District Engineer
S. Canara

212

Provincial

P. W. D.

Detailed Estimate

South Canara District

for Original Works 1877-78

Executive Division	No.	Locality	Description	Amount of Estimate	Completed expenditure to 31st March 1877	Estimate for 1877-78	Remarks or References
			Original Works Civil Buildings Imperial Services Revenue Department General District & Dl. Kutcheries				
Mangalore Division	1	Coondapoor	Constructing a Kutchery with out houses for the Hd. Assistant Collector	8,685	-	5,000	Sanctioned in G.O. No. 32 of 5th March. Stated by the Collector to be urgently required.
			Total Civil Buildings			5,000.	

District Engineer
South Canara

Abstract of the Grant proposed for all original works to be disbursed by D.P.W.

Main Head	Provincial	Local	Total
Civil Buildings	5,000	-	5,000

Statement of the sums required for Minor New Works to cost less than Rs 2000 each.

District	For Minor New Works Civil Buildings	For Minor New works under Misc. Pub. Impts.	Total for Minor New Works estimated to cost less than Rs 2000 each
Original works			
Civil Buildings			
(Imperial Services)			
Judicial Department			
Mangalore Dt. – Court houses	100	-	500
Puttur do – Ditto	25		
Revenue Department			
Mangalore Dt. General district & divisional cutcherries	100		
Ditto – Taluq cutcherries	50		
Puttur do – Ditto	50		
Custom Department			
Mangalore Dt. – Custom houses	50		
Puttur do – Ditto	25		
(Provincial Services)			
Prison Department			
Mangalore Dt. – Lock ups	50		
Puttur do – Ditto	25		
Public Works Department			
Mangalore Dt. – Offices	25		
Puttur do – Ditto	.		
	500		

Rs 500 allotted for 1876-77

District Engineer
Canara

D. P. W. South Canara District
Provincial Fund
Part III Repairs
Detail of Estimate for 1877·78.

		1877·78		1876·77	
		Amt.	Total	Amt.	Total
	Repairs				
	Civil Buildings				
	(Imperial Services)				
	Judicial Department				
Mangalore do.	Court Houses	500			
Puttur do.	Ditto	150	650		
	Revenue Department				
Mangalore do.	General District & Sl. Kutcheries	350			
Ditto	Taluq Kucheries	450			
Puttur do.	Taluq Kacheries	200	1000		
	Customs Department				
Mangalore do.	Custom Houses	250			
Puttur do.	Ditto	75	325		
	Provincial Services				
	Prison Department				
Mangalore do.	District Jail	200			
	Lock ups	350			
Puttur do.	Lock ups	150	700		
	Police Department				
Mangalore do.	Offices	100			
"	Stations	440			
Puttur do.	Stations	260	800		
	Public Works Department				
Mangalore do.	Offices	200			
--	Miscellaneous	200 Estimate by [illegible]			
Puttur do.	Offices	75	475		
			3960		3800

Abstract of the Grant proposed for all repairs to be disbursed by the D. P. W.

Main Heads	Provincial	Local	Total
Civil Buildings	3150	-	3150
Police Stations &c.	800	-	800
Total	3950	.	3950

District Engineer's Office
S. Canara
Camp Kundapur 18th Nov. 1876
Despd. Mangalore, 21st do.

[illegible]
District Engineer
S. Canara

P.W.D.
24 NOV 76
No. 8522

No. 58
South Canara District
Provincial Budget
Estimate of the works
Canara District
for the year 1877-78

No. 58

District Engineer's Office
Camp Hemidapur 18th Nov/76

From
E. H. Pringle Esq.
District Engineer
South Canara

To
Major General G. H. Walker R.E.
Secretary to Government P.W.D.
Madras.

Sir,

With reference to your Memo No. $\frac{I}{1085}$ of 9th October 1876 I have the honor to submit herewith revised Imperial and Provincial Budgets of this District for the year 1877-78 the New works and Repairs therein detailed having been duly classified as instructed.

I have the honor to be
Sir,
Your most obedt. Servt.
E. H. Pringle
District Engineer
S. Canara

P.W.D.
[illegible]
No. 8022

From
The District Engineer
South Canara

To
The Secretary to Govt.
P.W.D. Madras.

Dated 10th
Despd 21st } Nov 1876
Recd

No. 308

Encloses
Imperial & Provincial
Budgets submitting
revision of the South
Canara District for
the year 1877-78.

Financial Department

Proceedings of the Madras Government

Dated 2nd February 1877 No. 268

His Grace the Governor in Council resolves to assign a sum of Rs (14,48,600) Fourteen lacs, Forty Eight thousand and six hundred from Provincial Funds for Expenditure on Public Works in 1877-78.

2. Of this Rs 20000 will be given in the form of the usual grant to the Chetterpore Circle, as compensation for the enhanced price of salt and will be distributed as under

For Works — Rs 16000
Establishment — 4000
Rs 20000

The amount to be placed at the disposal of the P.W. Dept will then be Rs 14,28,600

3. As Provincial Funds have to bear the balance of the cost of the P.W. Establishment after debits have been made to Imperial & Local Funds at a fixed percentage

on the expenditure on works, the charge is a difficult one to estimate with any degree of certainty, but the Govt considers that not less than Rs 53,000 should be provided, this having been in round numbers the charge for 1875-76 inclusive of a grant of Rs 30000 to Local Funds. For 1877-78 Rs 4000 only are assigned as a grant to Local Funds on account of Establishment and consequently Rs 34000 have to be provided on that account ~~with~~ in the Provincial P.W. Budget, leaving Rs 882,000 for expenditure on works.

4. In the event of its being found possible hereafter to assign any further amount to Local Funds as a grant for works, the debit to those funds on account of Establishment will be increased by 25 per cent on that amount, and the direct debit to Provincial Funds reduced by a similar sum which will consequently be resumed by the Financial Dept for assignment to the local bodies in question, along with the grant for works.

(True Extract)

A. J. W. Hudleston
Ch Secty

To
The P. W. Dept.

Financial ~~Public Works~~ Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

~~Under date the~~

~~Read the following~~ :–

Dated 2d Feby. 1877. No. 368.

His Grace the Governor in Council resolves to assign a sum of Rupees (14,48,600) fourteen lacs forty eight thousand and six hundred from Provincial Funds for expenditure on Public Works in 1877-78.

2. Of this Rs 20,000 will be given in the form of the usual grant to the Chetpore Circle as compensation for the enhanced price of salt and will be distributed as under–

For Works	Rs 16,000
Establishment	4,000
	20,000

The amount to be placed at the disposal of the P. W. D. will then be Rs 14,28,600.

3. As Provincial Funds have to bear the balance of the cost of the P. W. Establishment after debits have been made to Imperial and Local Funds at a fixed per centage on the expenditure on works, the charge is a difficult one to estimate with any degree of certainty,

but the Board consider that not less than Rs 5,50,000 should be provided, this having been in round numbers the charge for 1875-76 inclusive of a grant of Rs 3,00,000 to Local Funds. For 1877-78 Rs 5,000 only is assigned as a grant to Local Funds on account of Establishment and consequently Rs 5,46,000 must be provided on that account in the Provincial P.W. Budget, leaving Rs 8,82,600 for expenditure on works.

4. In the event of its being found possible hereafter to assign any further amount to Local Funds as a grant for works the debit to those funds on account of Establishment will be increased by 25 per cent on that amount, and the direct debit to Provincial Funds reduced by a similar sum, which will consequently be resumed by the Financial Dept for assignment to the local bodies in question, along with the grant for works.

(Sd) W. Hudleston
Chief Secy.

No. Atts 2

From Dt. Engineer, Godavery (H.E. No 2164 dated 31st October 1876)
do do (H.E. No. 1642 do 9th September 1876)
do Kistna (H.E. No 84 — 20th October —)
do Cuddapah (H.E. No 1594 — 23rd do —)
do Kurnool (H.E. No — 4th do —)
do Chingleput ~~Engineering~~ (H.E. No 2649 — 2nd Nov —)
do do (H.E. No. 2903 — 20th do —)
do N. Arcot (H.E. No. 2070 — 28th Sept. —)
do S. Arcot (H.E. No. 119 — 24th do —)
do Salem (H.E. No — 21st Oct. —)
do Bangalore (H.E. No — 15th do —)
do Trichinopoly (H.E. No — 7th do —)
do Coimbatore (H.E. No — 5th Sept. —)
do Neilgherries (H.E. No — 9th October —)
do Malabar (H.E. No — 11th do —)
do S. Canara (H.E. No 53 — 2nd Nov —)
do Tinnevelly (H.E. No. 115 d/ 2nd Nov —)
From the Consltg. Architect to Govt (H.E. No — 5th Oct. —)
From Revenue Secy to the Govt (H.E. [illegible] d/ 16th Nov. —)
From the Exr. of P.W. Accounts (H.E. No 3214 d/ 11th Dec/76)
Pro. F. Dept ——— (H.E. 2011 d/ 8th Nov/76)
do (H.E. No 2038 d/ 17th Nov/76)

P 4

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

(24)

~~UNDER date the~~

Read the following :—

From D.E. Godavery — (H.E. No. 2164 of 31st October 1876)
do — do — (H.E. No. 1642 " 9th September ")
do — Kistna — (H.E. No. 84 " 20th October ")
do — Cuddapah (H.E. No. 1594 " 20 — do ")
do — Kurnool — (H.E. No. — " 2nd do ")
do — Presidency — (H.E. No. 5715 " 5th January 1877)
do — Chingleput — (H.E. No. 2649 " 31st October 1876)
do — do — (H.E. No. 2903 " 17th November ")
do — N. Arcot — (H.E. No. 2070 " 28th Sept. ")
do — S. Arcot — (H.E. No. 119 " 22nd do ")
do — Salem — (H.E. No. — " 23rd October ")
do — do — (H.E. No. 106 " 2nd November ")
do — Bangalore — (H.E. No. — " 3rd October ")
do — Tanjore — (H.E. No. 2148 " 10th November ")
do — Trichinopoly — (H.E. No. — " 3rd October ")
do — Coimbatore — (H.E. No. — " 6th Septr. ")
do — Nilgherries — (H.E. No. — " 9th October ")
do — Malabar — (H.E. No. — " 12th do ")
do — S. Canara — (H.E. No. 58 " 18th Nov. ")
do — Tinnevelly — (H.E. No. 115 " 30th Oct. ")
From Consltg. Architect to Govt. — (H.E. No. — " 3rd do ")
From Private Secry. to H.E. the Govr. (H.E. No. 694 " 16th Nov. ")
From Exr. of P.W. Accounts — (H.E. No. 332 W. of 11th Dec. ")

No 856 P. W. Department Aut

Proceedings of the Madras Government
Under date the 14th March /77

Read the following:

22

1 Proceedings in the Financial Dept. (H. E. No 2001 dated 8th Novr: 1876.)
2 Do ——— do ——— (" " 2058 " 17th do)
3 Do ——— do ——— (" " 2313 " 15th Decr ")
4 Do ——— Revenue Dept: (" " 298 " 23rd Jany: 1877)
5 Do ——— Financial Dept: (" " 298 " 27 " ")
6 Do ——— do ——— (" " 368 " 2nd Feby: ")
7 Do ——— do ——— (" " 419 " 6th " ")
Do ——— do ——— (" " 420 " 6th " ")

R.E.

MB 28/2

The grant from Provincial Funds assigned to the Public Works Department in Financial Order No 368 dated 2nd February 1877 is Rs 14,28,600, and is distributed as follows:

Original Works.		
Civil Buildings	3,12,994	
Communications	2,18,200	
Miscellaneous Public Improvements	500	
Minor works at disposal of District Engineers	1,000	
Reserves for incomplete works at the disposal of Government	90,961	6,23,155
Repairs		
Civil Buildings	1,32,855	
Communications	46,133	
Miscellaneous Public Improvements	7,300	1,86,288
Tools and Plant		73,157
Establishment		5,46,000
Total Provincial		14,28,600

2. The grant for Minor Civil Works at the disposal of District Engineers is as follows:

Districts	Executive Divisions	Civil Buildings	Other Public Works	Total
Bangalore	Bangalore	500	″	500
Bellary	Bellary	400	″	400
Coimbatore	Coimbatore	500	″	500
Chingleput	Mount	400	″	400
Ganjam	Berhampur	400	″	400
Godavery	Eastern Delta	500	″	500
Kistna	Masulipatam	500	″	500
Madura	Madura	400	″	400
Malabar	Calicut	500	250	750
Nellore	Southern	400		400
Nilgiri	Nilgiri	400	250	650
North Arcot	Vellore	400	″	400
Presidency	Presidency	2500	″	2500
Salem	Salem	400	″	400
South Arcot	Cuddalore	400	″	400
South Canara	Mangalore	400	″	400
Tanjore	Tanjore	600	″	600
Trichinopoly	Trichinopoly	500	″	500
Vizagapatam	Vizianagram	400	″	400
		10,500	500	11,000

3. Out of the annual grant for Police works it will be observed that Rs: 6,100 have been appropriated in the Budget for Major Works and Rs: 15000 for Repairs, leaving Rs: 38,900 to be provided from the Reserve, appropriations from which will be made as estimates are sanctioned.

4. A separate Budget has been prepared for the works to be undertaken from the Port, Convict Labor and Canal and Ferry Funds. Provision for such works was hitherto made in the Provincial Budget under a distinct column provided for the purpose and which was headed "Special".

5. The sum of Rs: 22519 has been provided under Port Funds for Works, Repairs and Establishment charges, and to this amount Rs: 2,500 (2000 for works and 500 for establishment) have been added for the

completion of the Light-House at Cocanada with reference to G. O. No. 2313 Financial Department dated 15th December 1876.

6. The grant for Convict Labor Fund works has been fixed at Rs. 40,000 in Financial G. O. No. 295, dated 27th January 1877. Out of this sum Rs. 32,000 have been appropriated to District Jails at Vizagapatam and Palamcottah, leaving Rs. 8,000 for Establishment charges.

7. The grant for Canal and Ferry Fund works has been fixed at Rs. 36,050 in G. O. Revenue Department No. 295 dated 23rd January 1877. This amount includes a provision of Rs. 7,210 for Establishments.

28.2.77

Desp'd — 30 April/77

D Engrs —
Exr PW Accts √4
Finl Deptt
Do —
Marine — } 20
Do —
Public — 10
Rev Deptt —
Bd of Rev 90
Acct Genl — 3
Master Attendant 2
Consg Architect 2
Inspr Genl of Police 10
Desp'd 16-4-77

No. 857

GOVERNMENT OF MADRAS,

PUBLIC WORKS DEPARTMENT.

To The Secy to the Govt of India P W D

Fort St. George, 14th March 1877.

Manuscript

SIR,

With reference to your telegram of the 20th ult., I am directed to forward the Budget of Works proposed for execution by Officers of the P W D during 1877-78 from the Grant for Provincial Services, together with a copy of the Pro: of this Govt: No 856 of 14th March 1877.

2. Printed copies will follow.

14.3.77

despd with copy of G.O. No 856 & two Budgets. 14/3/77

[illegible]

Govt. of {1877} Madras.

PUBLIC WORKS.

To District Engineers

Dated

Issued

Recd. Encl.

G. O., 14th June 1877, Nos 856 & 857

Nos.

P. W. Provincial Budget for 1877-78 – Passing orders on –

Forwarding the P. W. Provincial Budget of the Madras Presidency for 1877-78.

Ent. in Regr.