(1) Number of pages 175 Rlg

(2) Date of repair 17-7-8

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public works DEPARTMENT

G.O. No. 575-76 Press.
B.P. No: Mis.

Dated 25 26-2-1979 198 .

2 A.T.

Not to be folded or roughly handled

Archives I--10,006 I -80.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

25th February 1879, No. 575 W.

General Account.

Read the following papers :—

No. 208.	From	District Engr.,	Salem,	dated	28th Aug.	1878, No.	—.
No. 209.	From	,,	Trichinopoly,	,,	28th ,,	,, ,,	—.
No. 210.	From	,,	Ganjam,	,,	4th Sept.	,, ,,	52.
No. 211.	From	,,	Coimbatore,	,,	6th ,,	,, ,,	—.
No. 212.	From	,,	Madura,	,,	12th ,,	,, ,,	—.
No. 213.	From	,,	South Canara,	,,	17th ,,	,, ,,	—.
No. 214.	From	,,	Malabar,	,,	20th ,,	,, ,,	—.
No. 215.	From	,,	Tinnevelly,	,,	21st ,,	,, ,,	—.
No. 216.	From	,,	Kistna,	,,	21st ,,	,, ,,	—.
No. 217.	From	,,	Vizagapatam,	,,	27th ,,	,, ,,	2,132.
No. 218.	From	,,	Godavari,	,,	30th ,,	,, ,,	—.
No. 219.	From	,,	Bangalore,	,,	30th ,,	,, ,,	—.
No. 220.	From	,,	Cuddapah,	,,	2nd Oct.	,, ,,	—.
No. 221.	From	,,	Kurnool,	,,	10th ,,	,, ,,	—.
No. 222.	From	,,	Bellary,	,,	10th ,,	,, ,,	187.
No. 223.	From	,,	Chingleput,	,,	11th ,,	,, ,,	—.
No. 224.	From	,,	Nellore,	,,	12th ,,	,, ,,	—.
No. 225.	From	,,	Nilgiris,	,,	12th ,,	,, ,,	2,547.
No. 226.	From	,,	Tanjore,	,,	28th ,,	,, ,,	4,084.
No. 227.	From	Supg. Engineer,	Third Circle,	,,	11th Nov.	,, ,,	

No. 228. Telegram from the Secretary to the Government of India, Public Works Department, Simla, to the Secretary to the Government of Madras, Public Works Department, dated 13th November 1878.

GRANTS for Military Works and Other Services for 1879-80 are hereby provisionally fixed at the corresponding allotments for 1878-79, their distribution is left to local administration. Please prepare budget accordingly.

No. 229. From Supg. Engineer, Third Circle, dated 21st Nov. 1878, No. 4,289.

No. 230. From H. W. BLISS, Esq., Commissioner of Salt Revenue, to the Chief Engineer, Public Works Department, dated Madras, 4th December 1878, No. 1,904-A.

REFERRING to your letter No. 5,184, dated 16th November 1878, I have the honor to enclose two lists of—

1*st.*—Salt works selected by me from the list forwarded therewith to be executed in 1879-80 by the Public Works Department; and

2*nd.*—Salt works excluded by me with the reasons for exclusion where they are not merely want of funds.

2. In the first list I have included one work (Item No. 11, head sluice to the Merkanam supply channel) not included in your list, but included in the list forwarded by me to you with my letter, No. 1,425, dated 18th October 1878.

3. I send *the second list as* it contains some debatable items (*e.g.*, the maintenance of the Buckingham and Vedarniem canals, Items Nos. 24 and 25) with regard to the exclusion of which from next year's budget I think it advisable that my views should be on record.

4. I regret the delay which has occurred in replying to your letter and which is due to the necessity of a reference to the Superintending Engineer, Third Circle, with regard to his estimate of Rupees 17,000 for the Ennore bar, of his proposals regarding which I was quite ignorant until I saw the entry in the list.

No. 231. From Brigadier-General H. O'CONNELL, Quartermaster-General, to the Chief Engineer, Public Works Department, dated Fort St. George, 5th December 1878, No. 2,065.

In returning the list received with your No. 5,261, dated 22nd ultimo, I have the honor, by order, to state that the Acting Commander of the Forces approves of the works selected for entry in the budget of 1879-80, with the exception of "Expense Magazine at the butts near the Gun and Mortar Batteries, St. Thomas' Mount, Rupees 5,000." These butts are not required at present and the item may be struck out.

2. It is suggested that the amount be apportioned towards "alteration to forty horse stables, Oosoor," project No. 19 in list published in G.O., Public Works Department, 15th October 1878, No. 4,020 W.

3. I regret the delay in replying to your letter. It has been caused by the necessity for reference to another department.

No. 232. Proceedings of the Government of India in the Public Works Department (Account—General), dated Fort William, 7th December 1878, Nos. 774—91 A.—G.

Distribution of the amount provisionally assigned as the *Imperial Public Works* grant for "*Other Services*" for 1879-80.

Letter from Secy. to Govt. of Madras, No. 4,021 W, dated 15th Oct. 1878.

Telegram from Government of Madras, dated 28th October 1878.

RESOLUTION.—The total of the amounts demanded by the several local Governments and Administrations for 1879-80 for Imperial Public Works under "Other Services," is ... ... Rs. 42,88,002

exclusive of the amount provisionally sanctioned in Public Works Department letter No. 759 A.—G., dated 15th November 1878, for expenditure in the Simla Imperial Circle, viz. 3,70,000

The total therefore is 46,58,002

against the corresponding grant for 1878-79 of 31,78,187

which it consequently exceeds by 14,79,815

2. One distribution of the demands above referred to aggregating Rs. 42,88,002 is shown in the following table:—

—	Madras.	Bombay.	Bengal.	North-Western Provinces and Oudh.	Punjab.	Central Provinces.	British Burmah.	Assam.	Total.
WORKS AND REPAIRS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Telegraph works	1,25,600	35,000	32,553	16,770	49,000	12,900	6,200	11,300	2,86,425
Postal	72,500	48,760	52,025	56,410	32,500	10,750	12,200	12,000	2,97,085
Opium	..	..	55,666	1,62,799	..	..	..	..	2,18,465
Mint and Currency ..	..	13,500	1,28,453	100	..	..	..	..	1,42,053
Salt Works	1,97,550	2,50,000	16,000	..	..	..	..	..	4,63,550
Customs	..	..	..	6,574	20,000	900	..	..	27,474
Government of India Buildings.	..	..	12,000	..	..	..	..	..	12,000
Viceregal Buildings ..	..	..	1,41,190	..	..	..	..	..	1,41,190
Roorkee College Buildings ..	..	..	..	23,282	..	..	..	..	23,282
Political Buildings ..	..	..	..	..	..	..	6,000	2,000	8,000
Harbours and Navigation ..	..	3,26,000	..	..	..	..	..	..	3,26,000
Light-houses	85,940	2,000	3,225	..	..	..	8,500	..	1,01,165
Educational Buildings ..	..	..	1,500	..	..	..	..	..	1,500
Treasury	..	..	2,000	..	..	..	..	..	2,000
Surveyor-General's Office ..	..	..	1,000	..	..	..	..	..	1,000
Museum Buildings ..	..	..	2,500	..	..	..	..	..	2,500
	4,80,090	6,73,260	4,54,414	3,65,935	1,01,500	24,550	32,900	25,300	26,57,589
Establishment	1,18,772	1,51,700	1,01,853	66,481	26,500	6,137	7,686	6,350	4,85,203
Tools and Plant	1,876	9,200	6,291	3,985	1,000	460	..	275	23,087
Establishment, Thomason Civil Engineering College and Press.	..	..	..	2,26,151	..	..	..	..	2,26,151
Total ..	6,10,738	8,33,960	5,62,558	6,62,552	1,28,000	31,137	40,586	31,925	33,91,956
Add for Churches and Burial-ground under the Inspector-General of Military Works									1,13,899
" Hyderabad									29,099
" Rajputana									8,81,052
" Central India									6,61,600
" Coorg									1,35,925
" Port Blair									1,29,611
								Total ..	42,88,002

	WORKS.		REPAIRS.		ESTABLISHMENT.		TOOLS AND PLANT.		SUNDRIES.		TOTAL.	
	Demand, 1879-80.	Grant, 1878-79.	Demand, 1879-80.	Grant, 1878-79.	Demand, 1879-80.	Grant, 1878-79.	Demand, 1879-80.	Grant, 1878-79.	1879-80.	1878-79.	Demand, 1879-80.	Grant, 1878-79.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Madras	4,58,090	1,02,013	22,000	31,250	1,18,772	33,315	11,876	2,228	...	2,482	6,10,738	1,71,288
Bombay	6,06,200	3,79,700	67,000	67,000	1,54,700	57,340	9,900	2,120	...	...	8,37,800	5,06,160
Bengal	3,44,714	1,86,787	1,09,700	1,15,600	1,04,853	67,342	6,291	4,041	...	...	5,65,558	3,73,750
North-Western Provinces and Oudh	2,07,178	1,32,438	58,757	53,041	2,92,632	2,72,521	3,989	...	...	...	5,62,556	4,58,000
Punjab	62,500	23,000	31,000	34,000	25,500	14,000	1,000	1,000	...	...	1,28,000	72,000
Central Provinces ...	20,000	5,028	4,550	4,620	6,137	2,412	450	1,670	...	...	31,137	13,730
British Burmah ...	23,000	20,200	9,900	9,700	7,600	6,850	...	...	...	...	40,500	36,750
Assam	21,000	15,000	4,000	3,600	6,250	4,650	375	279	...	...	31,625	23,529
Hyderabad	17,000	19,500	10,000	10,000	2,000	2,000	...	...	...	...	29,000	31,500
Rajputana	1,74,600	1,30,483	1,03,500	86,474	99,452	81,363	3,500	2,300	...	...	3,81,052	3,00,620
Central India ...	1,52,500	32,000	3,10,000	3,01,000	1,95,000	1,62,000	4,000	4,000	...	...	6,61,500	4,99,000
Coorg	64,200	55,100	36,300	38,000	31,787	32,120	3,638	2,780	...	...	1,35,925	1,28,000
Port Blair	79,587	42,726	5,000	3,500	30,024	20,484	15,000	2,800	...	...	1,29,611	68,710
Inspector-General ...	76,000	53,395	67,000	71,755	...	...	...	...	...	...	1,43,000	1,25,150
Total ...	23,06,569	11,97,350	8,46,707	8,29,540	10,74,707	7,56,397	60,019	22,418	...	2,482	42,88,002	28,08,187

3. To show the amounts by "Departmental" heads, the demands may be re-grouped as follows:—

4. PUBLIC WORKS DEPARTMENT, 25TH FEBRUARY 1879, No. 575 W.

4. The Government of India regrets that it is not in a position to sanction any increase over the current year's grant much less the large increase of Rupees 14,79,815 which the demands involve; and the budgets under "Other Services" for 1879-80 must be prepared for the grants sanctioned for the purpose for 1878-79. This restriction has been definitely imposed by Public Works Department telegram dated 13th November 1878, which has also left it to the local Governments and Administrations concerned to make the detailed distribution of their grants.

5. Dealing with the several schedules, the following points call for notice:—

Telegraph Works.—The requisitions of the Director-General of Telegraphs have been fully provided for by the several local Governments and Administrations except in the following cases:—

(*a*).—Signallers' quarters, &c., at Simla—

	RS.
Director-General's demand	10,000
Provided for by Punjab	*Nil.*

This provision has been omitted by the Government of the Punjab against next year as it has been made instead for this year, an additional grant of Rupees 12,650 having lately been sanctioned for the completion of the work in 1878-79.

(*b*).—Signallers' quarters, Ajmere—

	RS.
Director-General's demand	3,447
Provided for by Rajputana	1,500
Less provided for ...	1,947

This reduction from next year is due to provision having been made by the local Administration to spend that sum during 1878-79.

(*c*).—Shingling roof of Dhubri Telegraph Office—

	RS.
Demand of Director-General	2,500
Provided for by Assam	5,000
Excess provision ...	2,500

No explanation is given of this excess provision. If it is considered necessary to provide the sum of Rupees 5,000 in next year's budget, an explanation should be furnished.

Customs Buildings.—The Government of India, in the Revenue, Agriculture and Commerce Department, lately sanctioned an estimate, amounting to Rupees 24,804, for certain Customs buildings at Sambhar. In order to admit of the completion of these buildings this year this department sanctioned a special grant of Rupees 24,804. The Rajputana schedule shows the probable expenditure during 1878-79 at Rupees 22,000, and provides Rupees 2,900 for outlay in 1879-80. Every endeavour, however, should be made to complete the work in 1878-79 so as to utilize fully the grant assigned.

Establishment.—In the North-western Provinces the charge to Imperial Funds for work done for it by Provincial Establishment should, under rule, be calculated at the rate of 20 per cent. on works and repairs. In the North-western Provinces schedule of demands for 1879-80, however, the establishment charge has been calculated at the rate of 25 per cent. on the estimate for works and repairs. In framing the budget for 1879-80 the correct percentage should be adopted.

6. It cannot at present be stated what grants will be required for the Lahore and Peshawur road and for Civil Buildings at Quettah, the requirements for which, therefore, will be considered on receipt of the regular detailed budgets for the ensuing official year.

7. In order to enable the Government of India to fully consider and determine the grants to be finally passed for 1879-80, care should be taken that the detailed budgets, based on these orders, are submitted so as to reach this office *without fail* by the 1st January 1879.

ORDER.—Ordered, that this Resolution be communicated to the Governments and Administrations noted in the margin, to the Inspector-General of Military Works, and to the Superintending Engineer, Simla, Imperial Circle, for information and guidance.

The Governments of Madras, Bombay, Bengal, North-western Provinces and Oudh, and Punjab, in the Public Works Department, General Branch.
The Chief Commissioners, Central Provinces, British Burmah, Mysore, and Coorg, and Assam.
The Resident, Hyderabad.
The Agents to the Governor-General for Central India and Rajputana.
The Superintendent of Port Blair, and Chief Commissioner, Andaman and Nicobar Islands.

Ordered, also, that a copy be forwarded to the Foreign Department and to the Agent, Governor-General, Biluchistan, for information; also to the Director-General of Telegraphs, and to the Financial Department, for information and for communication to the Director-General of Post Offices.

(Signed) J. J. McLEOD-INNES, Col., R.E.,
Dy. Secy. to the Govt. of India.

No. [illegible] Proceedings of the Government of India in the Public Works Department (Account—General), dated Fort William, 7th December 1878, Nos. 792—807 A.—G.

Distribution of the amount provisionally assigned as the grant for *Military Public Works* for 1879-80.

Letter from Secy. to Govt. of Madras, dated 15th October 1878, No. 4,021 W.
Telegram from Secretary to Government of Madras, dated 28th October 1878.

RESOLUTION.—As intimated in Public Works Department telegram, dated 13th November 1878, the grants for Military (Public) Works* for 1879-80 have been fixed provisionally at the same amounts as those allotted for the current official year. With the exception of the North-western Provinces and Oudh, Rajputana, and Port Blair, the demands made are more or less greatly in excess of the grants for 1878-79, but it is regretted that financial considerations will not permit of the annual allotments being increased. The detailed budgets should accordingly be prepared for the assignments telegraphed, and be submitted so as to reach this office, *without fail*, by the prescribed date, viz., the 1st January next. This is absolutely necessary in order to enable the Government of India in this department to fully consider and submit the general Public Works budget for 1879-80 to the Financial Department by the required date.

* See table appended.

2. The demands of the Government, North-western Provinces and Oudh, and of the Agent, Governor-General, Rajputana, and the Superintendent, Port Blair, fall short of the grants for 1878-79 by Rs. 14,504,* Rupees 84,782,* Rupees 17,910,* respectively. This circumstance was overlooked in telegraphing the figures on the 13th instant; those telegrams should accordingly now be considered as annulled and the budgets prepared for the amounts of the demands, viz., Rupees 25,496, Rupees 2,43,248, and Rupees 23,380.

	N. W. P. and Oudh.	Rajputana.	Port Blair.
	Rs.	Rs.	Rs.
* Grant for 1878-79	40,000	3,28,030	41,290
Demand for 1879-80	25,496	2,43,248	23,380
	*14,504	*84,782	*17,910

3. In the schedule of the Government of the Punjab Rupees 10,000 have been included for the maintenance of the Rawal Pindee and Koshalgurh road. This outlay will be adequate for the purpose in view, but it may be remarked that it is in contemplation to improve the standard of the road, and that the means for providing funds for the purpose are now under consideration.

4. The views of the Government of India in the Military Department, and of His Excellency the Commander-in-Chief of the Army, in respect to the budget programme of Military Works for 1879-80, have already† been communicated to the Inspector-General of Military Works, and should guide the preparation of his regular detailed budget which, as has above been remarked, is due in this Office on the 1st of January next.

† Public Works Department No. 754 A.—G., dated 14th November 1878.

Detail by *Departmental* heads of the Demands for 1879-80 for Military Works.

DEMAND, 1879-80.

—	Works in Progress.	New Works.	Minor Works.	Total Works.	Repairs.	Establishment.	Tools and Plant.	Barrack Department.	Total.	Provisional Allotment for 1879-80.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Demands for Native troops in the stations under the Public Works Department of Bengal, North-western Provinces and Oudh, Punjab, Assam, and Coorg—										
Bengal	3,830	19,066	6,000	28,896	30,950	14,962	898	...	75,706	61,250
North-western Provinces and Oudh	...	...	5,984	5,984	15,000	4,197	315	...	25,496	25,496
Punjab	9,000	1,63,500	40,000	2,12,500	1,16,000	82,200	3,300	7,000	4,21,000	4,21,000
Assam	30,500	24,500	12,000	67,000	21,000	22,006	1,320	1,250	1,12,570	45,471
Coorg	...	...	3,000	3,000	7,000	3,163	362	...	13,525	13,000
	43,330	2,07,066	66,984	3,17,380	1,89,950	1,26,522	6,195	8,250	6,48,297	5,66,217
II.—Demands for European and Native troops of the Madras and Bombay Armies, and for Native troops in other Provinces—										
Madras	1,09,200	3,90,800	1,50,000	6,50,000	2,50,000	2,25,000	22,500	...	11,47,500	6,96,712
Bombay	6,65,700	30,55,100	1,50,000	38,70,800	4,80,000	10,00,000	65,000	...	54,15,800	15,73,540
Central Provinces	62,900	2,33,300	40,500	3,36,700	77,000	1,06,050	5,550	14,500	5,39,800	4,38,270
British Burmah	a 1,60,000		35,000	1,95,000	1,07,000	69,000	4,000	...	3,75,000	2,96,250
Hyderabad	3,01,000	99,300	50,000	4,50,300	60,000	93,500	5,500	...	6,09,300	5,14,500
Rajputana	...	84,700	23,000	1,07,700	70,000	63,548	2,000	...	2,43,248	3,28,030
Central India	1,48,000	1,73,000	35,000	3,56,000	76,000	1,00,000	3,000	...	5,35,000	3,70,000
Port Blair	3,250	3,130	4,000	10,380	3,000	7,000	3,000	...	23,380	23,380
	54,89,380		4,87,500	59,76,880	11,23,000	16,64,098	1,10,550	14,500	88,89,028	42,40,982
III.—Demands for works under the Inspector-General—										
Military Works	11,18,500	12,76,500	5,30,000	29,25,000	24,00,000	17,00,000	1,00,000	6,30,000	77,55,000	73,65,500
Grand Total ...	81,34,776		10,84,484	92,19,260	37,12,950	34,90,620	2,16,745	6,52,750	1,72,32,325	1,20,72,699

a Not detailed in demand schedule.

ORDER.—Ordered, that this Resolution be communicated to the local Governments and Administrations noted in the margin, and to the Inspector-General of Military Works for information and guidance, and to the Military and Financial Departments for information.

The Governments of Madras, Bombay, Bengal, North-western Provinces and Oudh, and Punjab, in the Public Works Department, General Branch.
The Chief Commissioners, Central Provinces; British Burmah, Mysore, and Coorg, and Assam.
The Resident at Hyderabad.
The Agents of the Governor-General for Central India and Rajputana.
The Superintendent of Port Blair, and Chief Commissioner, Andaman and Nicobar Islands.

(Signed) J. J. McLEOD-INNES, Col., R.E.,
Depy. Secy. to the Govt. of India.

No. 234. Telegram from the Government of India, dated 10th December 1878.
No. 235. From Consg. Architect to Government, dated 11th Dec. 1878, No. 500.
No. 236. Telegram from the Government of India, dated 15th December 1878.
No. 237. From Supg. Engr., Third Circle, dated 19th December 1878, No. 4,924.

No. 238. Telegram from the Secretary to the Government of India, Public Works Department, Calcutta, to the Secretary to the Government of Madras, Public Works Department, dated 8th January 1879.

IN Military and Other Services Budgets, 1879-80, Parts two and four or details of Repairs and of Tools and Plant not required.

No. 239. From the Quartermaster-General of the Army, dated 22nd January 1879, No. 659.

No. 240. From the Commissioner of Salt Revenue, dated 22nd January 1879, No. 396.

No. 241. ORDER THEREON, 25th February 1879, No. 575 W.

IN the telegram dated 13th November 1878 the Government of India intimate that the grants for Military Works and Other Services for 1879-80 are provisionally fixed at the corresponding allotments for 1878-79. The distribution of the grants is left to the local Government.

2. The final grant for 1878-79 was as follows:—

			Rs.
Military			6,96,712
Other Services.			
Civil Buildings ...	Postal	...	18,000
	Telegraph	...	15,000
	Salt works	...	80,000
Miscellaneous Public Improvements.	Light-houses	...	22,250
	Establishment ...	...	33,810
	Tools and Plant ...	...	2,228
			1,71,288
			8,68,000

3. Taking these figures to be the grants for 1879-80, the following distribution is made—

—	Major Works.	Minor Works.	Repairs.	Establishment.	Tools and Plant.	Total.
Military	Rs. 1,95,009	Rs. 76,440	Rs. 2,75,000	Rs. 1,36,610	Rs. 13,062	Rs. 6,96,713
Other Services.						
Civil Buildings .. Postal	8,500	4,500	6,000			
Telegraph	7,000	2,000	5,000			
Salt works	58,859	9,100	2,050	33,686	3,359	1,71,553
Miscellaneous Public Improvements. Light-houses	17,340	1,803	2,000			
Total ..	1,01,699	18,403	14,050	1,70,196	17,021	8,68,266

4. The amounts under Minor Works Military is distributed as follows with reference to paragraph 12-A, Section I, Chapter VII, of the Public Works Code:—

		Rs.
Officer Commanding Mysore Division		
Do.	Centre do.	4,700
Do.	Northern do.	6,800
Do.	Ceded Districts	500
Do.	Malabar and Canara	3,000
Do.	Southern Division	2,300
	... ...	2,200
	Reserve at the disposal of Government ...	19,500
		56,940
		76,440

5. The grants for Establishments under "Military and Other Services Imperial" are Rupees 1,70,196. The grants from other sources will be shown in the orders reviewing the Provincial Budget.

6. The grants for Tools and Plant are Rupees 17,021 under "Military and Other Services, Imperial." This amount has not been distributed to divisions in this budget as all charges on account of General Tools and Plant are to be debited to Provincial Funds in the first instance, Imperial and other funds contributing 2½ per cent. under G.O., No. 1,866 W, of 17th April 1878. The distribution will be shown in the Provincial Budget.

(True Extract.)

Colonel, R.E.,
Ag. Secy. to Govt., P.W.D.

To the Superintending Engineers.
" Examiner of Public Works Accounts.
" Consulting Architect.
" Military Department.
" Financial do.
" Revenue do.
" Marine do.
" Board of Revenue.
" Accountant-General.
" Postmaster-General.
" Superintendent of Telegraphs, Madras.

Exd. E. C. Shunker.
Spare Copies

6

GENERAL
ACCOUNT.

Govt. of [1879] Madras.

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEERS,
&c. &c. &c.

Dated February 25th.

Issued.

Rect.

Encl.

G. O., 25th February 1879, No. 576 W.

FEBRUARY.

Nos. 208-241.

Imperial Budget Estimate for 1879-80.
Orders on the Preliminary Issue of the—

7

PUBLIC WORKS DEPARTMENT.

General
Account.

No. 576 W.

No. 242.

FROM

THE SECRETARY TO THE GOVERNMENT OF MADRAS,
Public Works Department,

To

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

SIR,— I am directed to forward the Imperial Budget Estimates, Buildings and Roads Branch, for the year 1879-80 and the Proceedings of Government thereon.

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

Colonel, R.E.,
Ag. Secy. to Govt., P.W.D.

FORT ST. GEORGE,
25th February 1879.

Exd. E. C. Shunker.
Spare Copies 4

GENERAL.
ACCOUNT.

Govt. of (1879) Madras.

PUBLIC WORKS.

To

The SECRETARY to the
GOVERNMENT of INDIA.

Dated February 25th.

Read

Read

G. O., 25th February 1879, No. 570-79.

FEBRUARY.

No. 242.

Forwarding the Imperial Budget Estimates, Buildings and Roads Branch, for the year 1879-80.

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

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

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

P. W. D.

No.

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

Tuckey's letter dt 28 Augt 78

Imperial

Trichinopoly Fort &c.

Part II Budget

Details of Estimate for Original Works for 1879-80

Executive Dept.

Budget

No.	Locality	Description.	Amount of Estimate for 1879-80	Amount of Estimate for expenditure up to 31st March 1879	Remarks or reference to Particulars as to which the Estimate has been prepared or Sanctions should be entered here if Sanctions by Government of India the Register No. should be quoted.
		Imperial			
		Ordinary			
		Original Works			
		Military			
		Military Buildings			
		Accommodation for European Artillery.			
Trichinopoly	1	Trichinopoly	One Barrack for Head quarters & accommodation of 16 Officers of Royal Artillery	11,000	11,000	Estimate Sanctioned in G.O. No. 1871 of 21st July/76. Ordered in G.O. No. 2080 of 12th August/76 not to undertake the Works-

vide the column of Remarks

Dist. Engrs. Office
Trichinopoly
28th August 1878.

Alexander Nisbet Major R.E
District Engineer Trichinopoly.

To. The Chief Engineer
S.C.D.

Roads & Buildings.

From.

District Engineer
Trichinopoly

Dated 28th August 1878.

Imperial

Part III Budget

Detail of Estimate

For Original Works for
1879-80.

Trichinopoly District.

Budget Estimate of probable amount required
for expenditure under Imperial Works during 1879-80

Detail	Amount Probable grants of Estimate required 1879-80	Remarks
Imperial		13
Ordinary		
Original Works		
Military		
Military Buildings		
Accommodation for E. Artillery		
One Barrack for the accommodation for 15 Drums of Royal Artillery	10000 " "	Sanctioned vide G.O. No 1871 of 24th July 1876. the work was ordered to be stopped vide G.O. No 2080 of 12th August 1876
1. Minor new Works below Rs 2500	700 " "	700 " " Sanctioned vide G.O. No 105 of 12th April 79
For Minor new Works	1700 " "	1700 " "
Repairs to Buildings	10000 " "	10000 " " vide Part III
Cantonment Roads	1188 " "	1188 " "
House rent on account of Military & Medical Subordinates on Regimental duty	4000 " "	4000 " "

Dist. Engr's Office
Trichinopoly
28th August 1878.

Alexander Kyd Major R.E.
District Engineer Trichinopoly

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

Roads and Buildings

From.

Divisional Engineer
Trichinopoly

To.

The Chief Engineer
P.W.D.
Madras

Dated 28th August 1878.

Budget Estimate
of probable amount required
for expenditure under Imperial
works during 1879-80.

Imperial
Ordinary
Original Works
Military
Military Buildings

Appendix. A
Trichinopoly Division.

List of Minor New Works below Rs 2500 recommended for execution in 1879-80

Description of Work	Amount of Estimate	Remarks.
Imperial		14
Ordinary		
Original Works		
Military		
Military Buildings		
Miscellaneous.		
A verandah for the adutchs School Room Royal Artillery	700	Sanctioned in G.O. No. 105 of 12th April 1873 at Rs 700 for providing Pial and verandah to the verandah the former having been examined on a repair estimate, the latter is estimated at Rs 600.

Divl. Engrs. Office
Trichinopoly
28th August 1878.

Dewan Bahadur Major R.E.
Divisional Engineer Trichinopoly

To The Chief Engineer
P.W.D.
Madras

Roads & Buildings

From

District Engineer

Trichinopoly

Dated 28th August 1878.

Appendix A

Imperial

List of Minor New Works below Rs. 2500 recommended for execution in 1879-80

Imperial Military — Trichinopoly District.

List of Minor New Works below Rs 2500 Each recommended for execution in 1879-80

Description of Work	Amount of Estimate	Remarks
"Nil"		

15

District Engr's Office Trichinopoly
28th August 1878.

Captain Stewart Mason R.E.
District Engineer Trichinopoly

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

Roads & Buildings.

From No 9778.

District Engineer

Trichinopoly

Dated 28th Augt 78.

Rect 2d Septr

Imperial.

List of Minor

New Works below Rs 2500

each recommended for execution in 1879–80

Imperial

Trichinopoly District.

Part III Budget

Detail of Estimate for Repairs for 1879-80

	Estimate for 1879-80 Amount	Estimate for 1878-79 Amount		
Imperial				
Ordinary				
Repairs.				
Military				
Military Buildings.				
Accommodation for European				
Infantry	2500			
Do — Do Artillery	3500			
Do — Native Infantry	1500			
Do — General purposes	1000			
Buildings for Staff purposes	700			
Commissarial Buildings	500			
Ordnance Buildings	300	10.000	7500	7500
Compensation for rents of Quarters.				
Military subordinates	3200			
Medical — Do	800	4000	4000	4000
Military Roads				
Cantonment Roads	1188	1188	1188	1188
Total Military	15188	15188	12688	12688

Previous years grant was found insufficient for the requirements of the cantonment it became necessary to transfer a portion of the sum from the Compensation of House Rents also to postpone payment of Completed works till April next for want of funds To Avoid these inconveniences additional Grant is solicited

H Ker 9-10-78

Dist Engrs Office
Trichinopoly
8th August 1878.

Herbert Sibault Major R.E.
Dist Engineer Trichinopoly

To. The Chief Engineer
S.D.
Madras

From C. Rodda Esq. Chief Engineer & Secretary to Govt. Public Works Department.

To The Secretary to Government Public Works Department.

No: 1114/16.

Dated Rajahmundry the 28th August 1878.

Sir,

I have the honor to forward herewith a list of Salt works selected by the Salt Commissioner from those forwarded by the Chief Engineer of works to be executed by the Public Works Department in 1879-80.

I have the honor to be
Sir
Your most obedient servant
C. Rodda
Executive Engineer
Godavari District.

Dated 28th August 1878.

Imperial
Cash III Budget.

Dated 5th Sept 1878.

Dewan Bahadur
Chief Engineer
Public Works Department.

No: 1

List of Salt works selected by the Salt Commissioner from those forwarded by the Chief Engineer of works to be executed by the Public Works Department in 1879-80.

District	No:	Locality	Description	Amount of Estimate Rs	Expended 28th August 1878 Rs	Estimate 1879-80 Rs	No:	Remarks or References
			Original Works.					
			Salt					
Ganjam	1	Ganjam	Constructing masonry bridge on line of the wooden bridge between Ganjam pans and Chilka Canal.	"	"	3800		The estimate has already been prepared and was returned by the District Engineer with the Commissioner's letter no: 1333 dated September 21, 1878. The existing bridge being in a very bad state and being the only means of communication between the platform and a certain portion of the pans this work cannot be postponed.
Godavari	2	Penugonuru	Metalling & gravelling Salt roads	"	"	3000		These roads are now in such a state as to greatly impede the Salt traffic
Kistna	3	Pandraka	Police lines	4507	2000	2500		G.O. no: 3028 W of 29th July 1878 Item no: 33 of Budget of 1878-79.
			Carried over			9300		

			Brought forward			9300		
Kistna	4	Vizianagaram	Police lines	3562	2000	1560		G.O. no: 3028 W of 29th July 1878 Item no: 32 of Budget of 1878-79
do	5	Chimagarjam	Do	4582	2000	2580		Do Do Item no: 31 of Budget of 1878-79.
do	6	do	Salt Kacheri		2000	1000		Item no: 35 of do. I have no information whatever as to this work and enter it only because from the expected expenditure of Rs 2000 on it during the current year it would seem I have been informed
do	7	Vizianagaram	Improvements to Salt Kacheri		2000	1260		Item no: 34 of do (same remark as above).
Nellore	8	Dugarajapatam	Constructing new Police lines for the Salt guard	4,200	3100	1100		G.O. no: 3428 of 3 December 1875 Board's Proceedings no: 7017 of 4th August 1875. Item no: 36 of Budget of 1878-79.
Vizagapatam	9	Errore	Bar including groyne work			17,000		I have no information as to the works proposed at the Errore bar. I made a reference to the Superintending Engineer 3rd Circle on the subject and the answer he sent me was that he was of opinion [illegible] would be [illegible] open next year". I have no idea what he proposes to do but after the way in which the N.E. monsoon has failed I have no doubt that some expenditure (and I fear a heavy one) will be necessary.
South Arcot	10	Merkanam	Repairing and improving the Kandaboo Lattice bridge.			15,500		Estimate awaited - called for in P.P. no: 2546 W 17th June 1878 × Vide Board's Proceedings no: 2641 dated September 30, 1878.
do	11	Do	Head sluice to the Merkanam supply channel	2000	400	1600		× G.O. 14th October, 1878, no: 3990 W.
Tanjore	12	Vedanniam	Huts for two Head Constables and 19 Constables	8310	2000	4300		G.O. no: 2844 W 2nd July 1878 Item no: 43 of Budget of 1878-79. × Rs 6300 proposed by the District Engineer, but so much not available.
do	13	Kiettnmanady	do — for one do — and 9 — do —	5540	3500	2000		G.O. no: 813 W of 18th February 1877. Item no: 44 of Budget of 1878-79.
			Carried over			57,200		

			Brought forward —			57,200		
		Tannanoor Ettiyohum Madai Pattiapalam Palacaud Tellicherry Cavoy Pazhakarai Trikodi Irulandi						
October	14	Chombala Tanur Veronie Ponani Tirur Elakatyoor Chetwaye Papinivattam Valapanu Mantagum Caliant Ponnan Vypangari	Constructing 23 Salt preventive Police Stations		13800	9000		The grant made for these Police stations by the Government of India was Rs 600 each, vide G.O. November 26, 1875 No: 3309 R.D. Estimates have however been prepared for them at the following rates, 11 at Rs 900 and 12 at Rs 600 each, and sent me for countersignature. After some correspondence with the Inspector General of Police I have returned them with the request that their amounts may be reduced to the amount of the Grant, which it is also a question with me whether the Government of India did not intend to be in addition to the ordinary grant.
Madura	15	Morekolum	Masonry buildings for Salt Division Offices.		3600	700	1200	Proceedings of the Board of Revenue No: 9023 of 5th October 1875 No: 854 of 25th March 1876 and No: 4316 of 26th May 1876. Item No: 466 Budget of 1876-77. *See column 3 the District Engineer has entered Kravaviadapatam and Attenkarai. But I have proposed to the Revenue Board in my letter No: 1753 dated November 21, 1876, now before them to close the latter station and to suspend for the present all building operations at the former. Morekolum is the only station at which an Office building is at present required. See G.Os. — August 12 & October 14, 1876 Nos: 3211 W and 3990 W, respectively.
do	16	do	Construction of tunnels and side dams on the Cross road from Morekolum station to the road between Madura and Ramnad.		3450	2000	1450	Proceedings of the Board of Revenue No: 3414 of 26th April 1875. Item No: 47 of Budget of 1878-79.
				Total			68850	
			Minor Works.					
Tanjore	17	Tanjore	Cutting a channel from ditch around No: 2 Platform down to old Engineers Channel.				345	Estimate will be returned to the District Engineer countersigned.
				Carried over —			69195	

Brought forward — 69,195

Repairs

Janjam	18	Janjam	Maintaining wooden bridge across Coreeged'a till the masonry bridge is completed at Janjam.	"	"	200
do	19	Do	Repairing masonry works over salt roads and channels at — do —	"	"	500
do	20	Do and Ichapur	Annual maintenance to Salt Arts-chowkies at Janjam and Surla.	"	"	200
do	21	Kompara Monoraiuly	— Do — do — at Kompara and Monoraiuly	"	"	200
Kistna	22	Pantraka	Annual repairs to Superintendents' Atchowky at Pantraka.	"	"	200
	23	Mangaru-pudi	— Do — do — at Mangiwapudi	"	"	200
	24	Do	— Do — do — do Pakeelinta at — do —	"	"	400
Madura	25	Madura	Annual repairs to depôts and Superintendent's Cutcherry.	"	"	150
			Total			2050
			Reserve at about 10 per cent	"	"	8755
			Grand Total —			80,000

Estimate returned to the District Engineer countersigned with my letter No. 1643 dated 12th November 1878.

Salt Commrs Office
Madras
4th December 1878

(Signed) H.W. Blies
Commr of Salt Revenue

(True Copy)

Personal Assistant
for Commr of Salt Revs

L.D.
22/1

47-1

Correspondence Department.

No. No 396 OFFICE OF THE COMMR. OF SALT REVENUE,

Madras,

Dated 22nd January 1879.

From

H. W. BLISS, Esq.,

Commissioner of Salt Revenue,

To

Colonel E. A. Hood R.E.
Secretary to Govt
P. W. D.
Fort Saint George.

SIR,

I have the honor to forward a Copy of the List of salt works to be executed by the Public Works Department in 1879-80 as required in your letter No. 343 of the 21st Instant.

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

Personal Assistant
for Commissioner
of Salt Revenue.

H 22/1

Apr 396 D 22 Jany 1879
From the Salt Commr
Enquiring

Roads & Buildings.

From The District Engineer
Bangalore
To The Chief Engineer
& Surveyor
Madras.

Dated 30th Sept. 1878.

Detail of Budget
Estimate for Ordy Works
& Repairs, Insplo, & Extraordinary
for 1879-80.

Correspondence Department
No. 1570
From
The Commissioner of
Salt Revenue
Madras
To
The Secretary to Govt
Public Works Department
Dated 22 January 1879
Received 24 January 1879
No. 39
Enclosure 1
Subject.

Forwarding copy of the Rich Statement showing the Expenditure incurred by the P.W. Dept. during 1878-79

Imperial Roads & Buildings. Bangalore District.

Detail of Budget Estimate for Original Works for 1879-80.

24

Exp. of = cution Division.	No.	Locality.	Description.	Amount of Estimate.	Compu-ted Expenditure up to 31st March 1879.	Estimate for 1879-80.	Remarks or Reference.
			Major Works.				
			European Artillery.				
Bangalore		Bangalore.	Quarters for 1 Sergt, R.H.A. & Gunner Barracks	4,220	"	4,220.	G.O. No 2,598 of 12th August 1874
"	"		Stabling for 182 Horses	36,780			
"	"		Do " 220 do Agram Barracks	45,840			
"	"		Constructing a School for R.A. & R.H.A.	11,700	"	11,700.	G.O. No. 1,123 of 19th Oct 1877.
			Military Roads.				
"	"		Roads from Trinity Church to Agram Barracks	9,200	"	9,200.	G.O. No. 1,511 of 11th June 1874.
"	"		**Miscellaneous.**				
"	"		Military Prison	50,000	"	40,000.	
"	"		Stone wall round do	22,100			
"	"		Subsidiary Buildings for do	33,600		9,200	
			Minor Works.				
			Other Services.				
			Nil.				

Imperial, Ordinary.

Detail of Estimate for Repairs for 1879-80.

	Estimate for 1879-80. Amount	Total	Estimate for 1878-79. Amount	Total
Military				
Military Buildings				
Accommodation for European Troops	15,000		15,000	
" " " Cavalry	8500		8,500	
" " " Artillery	8000		8,000	
" " " Native Troops	4,500		4,500	
" " " Gen'l Purposes	5,100		5,100	
" " " Staff "	400		400	
Commissariat Buildings	5,400		5,400.	
Ordnance do	1100		1100	
Military Roads				
Cantonment Roads	6,858		6,858	
Compensation for Prob of Est				
Military Subordinates				
Medical do	7,000		7,000	
	3,000		3,000	
Other Services		64,858		64,858
Telegraph Buildings	100		100	
		100		100
		64,958		64,958

M.S.P. 30/9

District Engineers Office
Bangalore, 30th Sept. 1878.

J. Chadwick. Col R.E.
District Engineer.

No. 187.

Detail of the Budget estimate of Original Works [illegible] ...erial Buildings & Roads for the year 1879-80

Head of classification	Executive Division	Locality	Item No.	Project and Work	Amount of estimate	Outlay actual to end of 1877-78	Outlay Probable to end of 1878-79	Grant 1879-80 Normal	Grant 1879-80 Special	Item No.	Remarks & References
Accommodation for Troops. Buildings for European Troops in the plains	Mount	Panamalle		Barracks for European Troops	374350	99251	107258				
Barrack & out. Offices for Single men	Do.	Do.	1	(Double storied Barracks for 20 men with out houses (B).	167885	6702	6802			1	Revised estimate has been submitted to the Chief Engineer for sanction with reference to G.O. No. 152 of 8th February 1877
Do Do. for married men	Do.	Do.	2	Barracks for 30 families with out houses (B)	82300	-	-		40,000	2	
Auciliary accommodation	Do	Do.	3	Quarters for Apothecary (B)	7150	-	-			3	
	Do	Do.		Fives and Racket Court (B)	-	-	-				
	Do	Do.	4	Alterations to existing buildings & demolitions	13015	3542	4456			4	
Hospital accommodation	Do	Do.		(Double storied Hospital with out houses (A) for patients	102000	89007	96000	-	-		Completed nearly
Accommodation for Troops	Mount	Abu	5	Barrack for 100 men and 2 Do for Do						5	Approximate estimate have been sent
								Carried forward	40,000		

No. 187.

Detail of the Budget estimate of Original Works for Military Buildings & Roads for the year 1879-80

Head of classification	Executive Division	Locality	Item No.	Project and Work	Amount of estimate	Outlay actual to end of 1877-78	Outlay Probable to end of during 1878-79	Grant 1879-80 Annual	Grant 1879-80 Special	Item No.	Remarks & References
								Brought forward — 40,000			
Buildings for European & Native Troops on the plains			6	Barracks for 1 Native Regt 1 Hospital for do	Land					6	sent to the Deputy Assistant Quarter Master General No 1457 dated 11th March 1875 with the exception of that for the Arsenal
			7	Place of Arms do	2,75,220			20,000		7	
			8	Quarters for Europeans and Natives belonging to the Arsenal	Indians Grand					8	
			9	do do Gun Carriage	Factory					9	27
Ordnance Buildings			10	do do Gun Cotton	do					10	
			11	New Gun Carriage Factory						11	
			12	New Powder Factory						12	
			13	Grand Arsenal						13	
Buildings for Staff purposes	Mount	Mount	14	Constructing an Assistant Quarter at Saint Thomas' Mount in the vicinity of the Military Hospital	Apothecary Mount Female	3830		3830		14	Vide G O No 3169 dated 30th September 1869
Accommodation for European Artillery	do	do	15	Constructing stables for Horses for Field Batteries of Royal Artillery at the Mount	Horses for Artillery	57,320		10,000		15	do No 1892 dated 25 June 1869. A revised estimate is ready for submission, provided funds can be found
								Carried forward — 73,830			

No. 187.

Detail of the Budget estimate of Original Works

Head of classification	Executive Division	Locality	Item No.	Project and Work
Buildings for Staff purposes	Mount	Saint Thomas Mount	16	Constructing swimming bath at proposed Barracks in Lines at the Mount
Minor Works				Grant for Minor New Works Cost of which does not exceed Rs 2,500
Salt	Salt Revenue	Chingleput	1	Other Services. Canal Buildings Bar including godyns &c
		Cavelong	2	Rebuilding of the Salt Inspector's Office on the beach

Chingleput Supg: Engr's Office
11th October 1878

To The Chief Engineer,
Buildings & Roads
Branch

Detail of the Budget estimate of Original Works for Military Buildings & Roads for the year 1879-80

Head of classification	Executive Division	Locality	Item No.	Project and Work	Amount of estimate	Outlay actual to end of 1877-78	Outlay Probable amount during 1878-79	Grant 1879-80 Normal	Grant 1879-80 Special	Item No.	Remarks & References
				Brought forward			73,830				
For the H. A.					12,600			12,600		16	G.O. No. 3668 dated 17th November 1876.
Estimated for Rs 2,500				Total Military				5,000			
								5,000	86,430		
Other Services											
Contingencies					2,500			2,500		2	Estimate under preparation
				Total Other Services					19500		

P. Hannett Colonel R.E.
Supg. Engineer, Chingleput Dist

No 188

Part II

Detail of the Budget estimate for Repairs Imperial Buildings for the year 1879-80

Head of Classification	Division	Locality		Estimate of 1879-80 Amount	Estimate of 1879-80 Total	Estimate of 1878-79 amount	Estimate of 1878-79 Total	Remarks
Accommodation for Troops Buildings for European Troops on the plains of European Infantry	Mount		Annual Repairs	2,250	2,250 ×	1,800	1,800	× The sums hitherto allotted in the Budget under these heads having been found to be insufficient to meet actual requirements, and additional funds had therefore to be applied for every year, it has been deemed advisable to increase the grants hence a larger amount than usual has been applied for in this Budget.
European Artillery Buildings for Native Troops on the plains Native Infantry	do.		do.	7,500	7,500 ×	6,000	6,000	
	do.		do.	800	800	800	800	
Accommodation for Troops Buildings for Officers	do.		do.	1,000	1,000	1000	1,000	
			Carried forward	11,550	11,550	9,600	9,600	

		Brought forward	11,550	11,550	9,600	9,600
Ordnance Works	Mount	Annual Repairs	1,000	1,000	1,000	1,000
Commissariat Buildings	Do.	Do.	500	500	500	500
Staff and Miscellaneous	Do.	Do.	2,500	2,500	2,500	2,500
Ordinary Maintenance charges for Cantonment Roads	Do.	Do.	3,350	3,350	3,350	3,350
Rents of Buildings for accommodation of Subordinates as well as Compensation for rents of Quarters	Mount Do.	Military Subordinates	4,700	4,700	4,700	4,700
		Medical Do.	2,000	2,100	2,100	2,000
		Total Military	25,600	25,600	23,650	23,650

Other Services
Civil Buildings

Post Office	Simultaneous	Annual Repairs to Post Office Buildings	100	100	"	"
	Mount	Do. Do.	150	150	"	"
	Chinglepet	Do. Do.	150	150	"	"
Salt	Simultaneous	Imperial share of maintenance of Buckingham Canal within Chinglepet limits based on the average expenditure of the past five years	7,000	7,000	7,000	7,000
		Total Other Services	7,400	7,400	7,000	7,000
		Mis. Public Improvements				
Light house	Simultaneous	Repairs to Light house	200	200	200	200

Chingt. Supg. Engrs. Office
11th October 1878.

To, The Chief Engineer
Buildings & Roads
Branch

F. Hornell Colonel R.E.
Supg. Engineer, Chinglepet

Lit 1105

Lit 1105

No 109.

Part IV

Detail of the Budget Estimate for Tools and Plant for Imperial Buildings for 1879-80

Particulars of Work	Budget Estimate for 1879-80	Budget Estimate 1878-79
Military		
Mount Tools and Plant	52	1,000
—— do —— Repairs and Carriage	48	100
Total Military	100	1100
Other Services		
Chinglepet Tools and Plant	.	100
Mount ——— do ———	.	100
Structures ——— do ———	.	100
Total Other Services	.	300

Engrs Office Chingt. 2nd October 1878

To The Chief Engineer,
Buildings & Roads,
Madras.

P. Fennell Colonel R.E.
Chief Engineer

No 2132 Dated 30th Sept 1878
Forwarding Detailed Estimate
for Tools and Plant
Imperial Buildings
for 1879-80

Recd 5th Oct 1878

Imperial

Buildings and Roads

Detail of the Budget Estimate for Original Works

Godavari District

Part I

Imperial Buildings and Roads for the year 1879/80

Head of Classification	Executive Division	Locality	Item No.	Projects and Works	Amount of Estimate	Outlay Actual to end of 1877/78	Outlay Probable during 1878/79	Grant 1879/80 Normal	Grant 1879/80 Special	Item No.	Remarks & References.
											253
				Other Services							
				Civil Buildings							
Telegraph Establishment	Eastern Deltas.	Cocanada	1	Constructing a Range of Quarters for the Telegraph Signallers	22311	Sanction awaited		10000		1	Estimate submitted to the Superintendent of Telegraphs, Campaign Division vide to Letter No 2196 dated 22nd October 1878 —
Do.	"	"	2	Minor New Works		"	"	500		2	
Postal	"	"	3	——— Do. ———		"	"	500		3	
									1000		
Salt	Godavari & Cuttack Eastern Deltas	"	4	Communications Junction Canal & Culverts to Cocanada and Coringa	189450	"	"	12670		4	by Tno 1384 - 11-3-78 Gft No 2150 dated 15th Dec 1877
				Canals —	78260				12670		

Cuttack
30th September 1878

Dr. District Engineer Godavari

Imperial — Godavari District

Buildings & Roads

Part III.

Detail of the Budget Estimate for repairs, Imperial Buildings & Roads for the year 1879/80.

Head of Classification	Division	Locality	Items	Estimate for 1879/80 Amount	Estimate for 1879/80 Total	Estimate for 1878/79 Amount	Estimate for 1878/79 Total	
			Other Services	Rs	Rs	Rs	Rs	
			Civil Buildings					
Postal	Eastern Delta & Central	"	Annual repairs to Postal Buildings	100		100		
	Rajahmundry	"	——Do——	500	600	300	400	
Telegraph	Eastern Delta & Central	"	Do to telegraph Do	250		250		
	Rajahmundry	"	—— Do ——	500	750	400	650	
		Total Civil Buildings ——			1350		1050	
			Miscellaneous Public Improvements					
Light Houses	Eastern Delta & Central	Hope Island & Do.	Annual repairs to Light Houses & Buildings. Vide D.O. No 312 dt 27 June 77	500		200		
							200	
		Total Other Services ——			1850		1250	

Part IV.

Detail of the Budget Estimate for Tools & Plant for Imperial Buildings & Roads for 1879/80.

	Budget Estimate for 1879/80	Budget Estimate for 1878/79
Other Services		
Godavari. Eastern Delta & Central — New Supplies	200	300 x
Repr & Carriage	300	300
	500	

Documents herewith 30 September 79

Sd. District Engineer Godavari

Head of Classification: Military

Detail of the Budget Estimate of Imperial Buildings & Roads Charges for 1879-80.

Head of Classification	Division	Locality	Items	Amount of Estimate for 1879-80	Actual to end of 1877-78	Probable during 1878-79	Remarks and Explanations.
Military	Main Line Northern Division	Rajahmundry	Annual Repairs to Buildings	500			
			Special				

Approved
Major R.E.
District Engineer
Godavari

Received in the Chief Engineer's Office Vizagapatam 27 September 1879

Chief Engineer's Office Vizagapatam 27 September 1879

No 1098/28

Part I

Detail of the Budget Estimate of original works, Imperial Buildings and Roads in the Vizagapatam District for 1879-80

Part IV

Detail of the Budget Estimate for Tools and Plant in the Viragapatam District for 1879-80.

	Budget Estimate 1879-80	Budget Estimate 1878-79
Military		
Vizianagram Division		
New Supplies	100	100
Repairs and Carriage	400	400

District Engineer's Office
Waltair 27th September 1878

Major R.E.
District Engineer
Vizagapatam

Ex 1109 8/80

Separate

Part IV

Detail of the Budget Estimate for Roads and Plant in the Vizagapatam District for 1879-80.

No 1
Vizag.

Detail of the Budget Estimate for the repairs, &c. &c. Imperial, Buildings & Roads for the Year 1879-80.

Head of classification	Division	Locality	Estimate 1879-80 Amount	Total	Estimate 1878-79 Amount	Total
Military						
Accommodation for Troops—						
European Infantry						
European Artillery						
European Cavalry						
Native Infantry						
Native Cavalry						
Buildings for Officers						
Rest Houses						
Ordnance Works						
Commissariat Buildings						
Staff and Miscellaneous						
Miscellaneous						
Annual Repairs			150	150	150	150
Do Do			0	0	0	0
Do Do			0	0	0	0
Do Do			500	500	500	500
Do Do			0	0	0	0
Do Do			0	0	0	0
Do Do			0	0	0	0
Do Do			100	100	100	100
Do Do			100	100	100	100
Do Do			100	100	100	100
Do Do			150	150	150	150
Do Do			200	200	0	0
			C.O.	1200		1000

Detail of the Budget Estimate for the repairs,

Sch. III

Imperial, Buildings & Roads for the Year 1879-80.

Head of classification	Division	Locality		Estimate 1879-80 Amount	Estimate 1878-79 Estab	Amount	Total
Ordinary maintenance charges of Cantonment Roads							
Annual Repairs				B.O. 2060	1200	2060	1000 / 2060 / 58
Rents of buildings for accommodation of Subordinates, as well as compensation for rent of quarters	Military Subordinates &c			1920	1920		
					1920		1920
				5,180			4980
Other Services							
Civil Buildings							
Post Office	Civil	Golcondah	Annual	repairs to Post office Buildings 50	50	0	0
Do	Do	Vizianagram	Do	Do 150	150	0	0
					200		0
Salt Roads							
Salt Roads	Civil	Vizianagram	Salt Road	Salt Road from the 2d mile of the Road from Vizagapatam to Bowdara to Balacherum via Gajuwaka C.O.	1000 / 1000	0	0 / 0

Detail of the Budget Estimate for the repairs

Sch II

Imperial, Buildings & Roads for the Year 1879-80.

Head of classification	Division	Locality		Estimate 1879-80 Amount	Estimate 1878-79 Total	
			B.O.	1000		0
	Vizianagram		Salt road from the Karasa plat form the 6th mile stone of the road from Vizeapatam to Bowdara via Gopalpatam 2½ miles	300	0	39
					300	0
	Do		Salt road from the Bimlipatam plat form to road from Bimlipatam to Chittivalasa 1 mile	200	0	
					200	0
	Do		Salt road from Kopperla to Monada 4 miles	1000	0	
					1000	0
					2500	0
Light-houses	Do	Santapilly	Annual repairs to Masonic Buildings	100	0	0
					100	0
					100	0

District Engineer's Office
Waltair 27th September 1879

Brodrick Major R.E.
District Engineer
Vizagapatam

Vol 1092/72

Part II

Detail of the Budget Estimate
for the repairs, Imperial
Buildings and Roads in
Ganjam Dist for
1879-80.

GS 575 W 879

Imperial Buildings & Roads

Kistna District
Part II

Detail of the Budget Estimate for Repairs, Imperial Buildings & Roads for the year 1879-80.

Head of classification	Divisions	Localities	Items	Estimate 1879-80 Amount	Estimate 1879-80 Total	Estimate 1878-79 Amount	Estimate 1878-79 Total
			Other Services				
			Civil Buildings				
Estab	Eastern Deltas	Rajamundry	Annual repairs	100			
		Guntoor	Guntoor — Do —	50			
		Jaggiapet	Jaggiapet — Do —	50			
					200		
	Telegraph	E. Deltas	Masulipatam — Do —	50			
			Rajamundry — Do —	100			
			Guntoor & Guntoor — Do —	50			
			Total Civil Buildings		200		
			Miscellaneous		400		
			P. Works				
	Lighthouses & Delta Divn		Annual Repairs	250			
					250		
			Grand Total		650		

N.B. Salt Budget was sent on 26th August 79.

Supg Engrs Office
Masulipatam
21st September 1878

Lt. Colonel
Superintending Engr Kistna

Lieut Col. R.E.

Imperial

From

The Supt Engr
Kistna

To

The Chief Engr
Public Works Dept
Madras.

Dated 21st September

Received.

PW 10 82/78

1

Kistna District

Part II

Budget Estimate for
Repairs under Imperial
for the year 1879-80.

Imperial
Buildings & Roads

Kistna District

Part IV

Detail of the Budget Estimates for Tools and Plant for Imperial Buildings and Roads for 1879-80

	New Supplies	Repairs	Budget Estimate 1879-80	Budget Estimate 1878-79
Other Services				
Eastern Delta Divn	50	100	150	-
Total Rs	50	100	150	

Supg Engrs Office Kistna
Masulipatam
21st September 1878

Lieutt R.E.
Superintending Engineer Kistna

Imperial
Buildings & Roads.

Kistna District
Part I

Detail of the Budget Estimate of original Works Imperial Buildings & Roads for the year 1879-80

Head of classification	Executive Division	Locality	Item No.	Projects and Works	Amount of Estimate	Actual Expenditure 1877-78	Probable Expenditure during 1878-79	Outlay proposed 1879-80	Grant 1879-80	Item No.	Remarks and References.
				Military							
				Civil							
				Other Services							
				Civil Buildings							
				Nil							
Lighthouses	Eastern Delta	False point Division	1	Miscellaneous Services Construction of Beacon	5540			5540		1	Budget Item No 50 of 78-79 Estimate sent to Collector with Do No 102 dated 7/29/78.
				Total Rs				5540			

N.B.
Salt Budget was sent on 26/8/78.

Superintending Engineer's Office
Madulipatam
21st September 1878.

Lt Col RE
Superintending Engineer Kistna

Imperial

Nil

Military

Civil

Other Services

Civil Buildings

Nil

Lighthouses

Eastern Delta

False point Division

1

Miscellaneous Services

Construction of Beacon

5540

Budget Item No 50 of 78-79

Estimate sent to Collector with Do No 102 dated 7/29/78.

Total Rs

5540

N.B.

Salt Budget was sent on 26/8/78.

Superintending Engineer's Office

Madulipatam

21st September 1878.

Lt Col RE

Superintending Engineer Kistna

Imperial C

From [illegible] 1885

The Supt Engineer
Kistna

To

The Colle Engineer
Public Works Dept
Mad

Dated 21st September 85

Received 23rd "

&

Kistna District

Part II

Budget Estimate for
Original Civil Works
Imperial Officers Buildings
for 1879-80

G80 575W

No. 2

Part II

Imperial Buildings & Roads — Detail of the Budget Estimate for Repairs Imperial Buildings & Roads for the year 1879-80

Head of Classification	Division	Locality	Items	Estimate 1879-80 Amount	Estimate 1879-80 Total	Estimate 1878-79 Amount	Estimate 1878-79 Total
				Rs	Rs	Rs	Rs
			Other Services				
			Civil Buildings				
Postal	Madura	.	Annual repairs to Post office buildings	100		× 570	
do	Dindigal		Do Do	50		-	
					150		570
Telegraph	Madura	.	Annual repairs to Telegraph buildings	400		* 1362	
					400		1362
Salt	do	.	Annual repairs to Depôt & Superintendents Kacheri	150		150	
					150		150
			Mis: Pub. Impl				
Light house	do	Paumben	Repairs to Light house at Paumben	200		200	✓
					200		200
			Total Civil Buildings		900		2282

× Vide Cor: Rec 26 Aug W Dated 25 June 1879

* Vide Cor: Rec 27 Aug W Dated 4 July 1879

(Camp) Rheimputty
the November 1879
Despd 12 — do —

W Barrington
District Engineer
Madura

Imperial
Buildings & Roads

From,

The District Engineer
Madura

To,

The Chief Engineer
P.W.D.
Madras

Dt 1039 1/78

Dated 12th September 1878
Recd

Madura District
Part II

Abstract of Details of the Budget Estimate
for Repairs Imperial Buildings
& Roads for the year 1879-80.

Detail of the Budget Estimate for Repairs Imperial Buildings & Roads for the year 1879-80

Madura District
Part II

Imperial Buildings & Roads.

Abstract by Divisions of the Grants required for Repairs Imperial Buildings and Roads for the year 1879-80

Head of Classification	Divisions Madura	Dindigul	Total	Remarks
Other Services				
Civil Buildings Postal	100	50	150	
Do Telegraph	400	-	400	
Do Salt	150	-	150	
Miscellaneous Light-house at Pamben	200	-	200	
Grand Total	850	50	900	

Camp/ Shenpathy
12th September/78.
Recd. 12th — Do —

W. Harrington
District Engineer
Madura

44

Imperial
Buildings & Roads.

From.

The District Engineer
Madura

To.

The Chief Engineer
P. W. D.
Madras.

PW 1039/97

Dated 12th September 1895

Read.

Madura District

Part II

Abstract of the Estimate
for Imperial Buildings
& Roads for the year 1896-97.

45

Imperial
Buildings & Roads.

Tanjore
Part I

District

Detail of Budget Estimate of original works, Imperial Buildings and Roads for the year 1879-80

Heads of Classification: Sections - Detailed Divisions	Locality	Class of Work	Projects and works.	Amount of Estimate	Outlay Grant			Remarks & references
				actual Grant of 1877-78	Probable outlay during 1878-79	Normal	Special	Item No.
			Original works.					
			Other Services.					
			Civil Buildings.					
			Salt					
Salt	Negapa-tam	Vedar-niem	1 Vesapattam Division. Constructing two Head Constables and 19 Constables huts at Vedarniem	8310 "	2000	6310 "	1	Item No. 43 in Part I of the Budget of 1878-79. Estimate Sanctioned in G.O. No. 2864 W dated 12th July 1878
Do	Do	Negapa-tam	2 Negapattam Division. Constructing Police Huts for one Head Constable and twenty Constables at Negapatam	7620 "	"	5000 "	2	Estimate Sanctioned and authorized & the entered in the Budget of 1879-80 in G.O. No. 2921 W dated 19th July 1878
Do	Do	Kultor-mawady	3 Vesapattam Division. Do one Head Constables & 9 Constables' huts at Kultor-mawady	5540 "	3497	2043 "	3	Item No. 44 in Part I of the Budget of 78/79 Estimate Sanctioned in

Heads of Classification - Calcutta

Alexandria Dy.

Yeo calicky

Shanlay

Projects & works.

Amount of Estimate

Actuals to end of 77-78

Probable outlay during 78/79

Grant

Normal

Special

Imperial

Total

Remarks & References

Total Original Works. "Civil Buildings" — 13353 " "

in G.O. No. 813-W dated 18th February 1875.

47

Abstract of the Grant of Works to be disbursed by the Public Works Dept. proposed for original

Main Head

Civil Buildings

Total — 8353 — 8353 - - - -

Total — 8353 — 8353 - - - -

District Engineer's Office, Tavoy the 28th October 1875.

Captain R.E.
District Engineer Tavoy

To the Chief Engineer for Buildings & Roads Branch.

Enclosure in a letter
from the District Engineer
Bruges to the Chief Engr
Buildings No 2547
dated 28 October 78.

PW 12177/7

Part I

Detail of Budget
Estimate of original
works, Imperial Buildings
& Roads for the year 1879

Imperial
Roads & Buildings

Tanjore District
Part II

Detail of the Budget Estimate for Repairs

Imperial Buildings & Roads for the Year 1879-80.

Head of Classification	Division	Locality		Estimate 1879-80 amount	Estimate 1879-80 total	Estimate 1878-79 amount	Estimate 1878-79 total	Remarks
			Other Services Civil Buildings Post Offices					
Post Office	Tanjore	Tanjore, Combaconum, Negapatam, Shiali and Mannilam	Minor Repairs to Postal Buildings	100				
—Do—	Negapatam	Negapatam Tritrapoondy Mannargudy & Pultucottah	—Do— —Do— —Do—	50				
			Total Postal Buildings		150			
			Telegraph.					
Telegraph	Negapatam	Negapatam	Minor Repairs to Telegraph Buildings	100	100	"	"	
			Salt					
Salt	Negapatam	Negapatam and Tritrapoondy	Imperial Share of maintenance of Vedaranium Canal	5000	5000	5400	5400	
			Total Civil Buildings		5250	"	5400	

District Engineer's Office.
Tanjore 28th October 1878.

Wells Rahmon Captain R.E.
District Engineer Tanjore

To the Chief Engineer
Buildings & Roads.

Enclosure in a letter
from the District Engineer
Jaynes to the Chief Engr
Buildings No 2547 dated
28 October 78.

SW 12177/73

Part II.

Detail of the Budget
Estimate for Repairs
Imperial Buildings &
Roads for the Year 1879-80.

51

Imperial
Buildings & Roads

Tanjore District
Part I

Detail of the Budget Estimate of Original works, Imperial Buildings & Roads, for the year 1879-8

Head of Classification	Execution Division	Executive Establishment Nos	Projects and Works	Rate of each Work	Estimated Cost of Works not entered in Col 6	Charged to the Budget Estimate for 1878-79 Ordinary	Charged to the Budget Estimate for 1878-79 Extraordinary	Remarks & reference
			Original Works					
Salt	Dep of Nega patam	4	Other Services - Civil Buildings					
			Constructing Salt Depot Collectors Cutcherry at Negapatam	4000	"	4000 "	4	The Commissioner of Salt & Revenue states that this building is required to save the payment of 6 Rs 3 per diem in lieu of Office now made to the Salt Deputy Collector when at Head Quarters
Do	Do	Do	Do					
		5	Constructing one Head Constable & 20 Constables' huts at Dofaconil	6000	" "	6000 "	5	The Commissioner of Salt & Revenue states that funds were provided for this work in the Budget, but not carried out.
			Total Rs			10000 "	"	

Asst Reckoner
Capm R.E.
Dist Supt Tanjore

Dist Supt Office
Tanjore 28th October 1878

Enclosure in Letter from
the Director Engineer, Simla
& Chief Engineer
Bombay, No 2047
dated 28th October 86.

Part I

Details of the Budget
Estimate of Original
Works, Imperial Buildings
& Roads for the Year 1879-80

Imperial

Buildings and Roads.

Part I

Tinnevelly District.

Detail of the Budget Estimate of Original works Imperial Buildings and Roads for the year 1879-80.

Head of Service Classification	Division	Locality	Item No.	Project & work	Amount of Estimate	Actual to end of 1877-8	Probable Outlay 1878-79	Ordinary Grant-1879-80 Original	Ordinary Grant-1879-80 Military	Ordinary Grant-1879-80 Special	Ordinary Grant-1879-80 New No.	Remarks & References
				Ordinary Original works								
				Military								
				Buildings for Native Infantry								
Accommodation for Native Infantry Regt		Tinnevelly Palamcottah	1	Barracks for male and female inmates of the 37th Regt N. Infantry with bath stone & cart-shed	2,600	"	"	2,600	"	1		Estimate for Rs 2,400 submitted for sanction. If the cost is sanctioned early it can be spent within this year (1878-79)
——— ditto ———		Tinnevelly	—do—	2	Constructing 18 Musicians huts	2,940	"	"	2,940	"	2		Estimate prepared & now under consideration of the Military Department.
Minor new works		"	"	3	Minor new works				1,200		3		
					Total Military				6,740				
				Civil Buildings								
				Nil								
				Misc. Public Improvements								
Light House	Dr. Reimund & Muttam		4	Constructing a Light House	44,000	"	1,000	30,000			4	Estimate will be forwarded shortly.
				Total Misc. P. Improvements				30000				
								Total Rupees	36740			

District Engrs Office Tinnevelly
Palamcottah 21st Sept. 1878

J. W. Martin
Offg. District Engineer Tinnevelly

Imperial. Tinnevelly District.

Buildings & Roads. Mems: Shewing the particulars of lump Sums entered in Part I of the Budget under Minor works, the estimated cost of which does not exceed Rs 2500 each.

Description of work	Amount	Remarks.
Imperial		
Buildings and Roads Branch		
Ordinary		
Original works		
Military		
Tinnevelly District		
Accommodation for Native Infantry Regiment.		
School house for a Native Infantry Regiment at Palamcottah	1200 " "	G.O. No 50 dated 6-1-75
Total Minor works Military	1200 " "	
Other Services		
Civil Buildings		
Nil	" "	
Grand total of both	1200 " "	

Wm. Martin
Offg. District Engineer
Tinnevelly

District Engineers Office Tinnevelly
Palamcottah 21st Sept. 1878.

Imperial
Buildings & Roads

Part II

Tinnevelly District

Detail of the Budget Estimate for Repairs Imperial Buildings and Roads for the year 1879-80

Head of Classification	Division	Locality	Items	Estimate for 1879-80 Amount	Estimate for 1879-80 Total Amount	Estimate for 1878-79 Amount	Estimate for 1878-79 Total Amount
Military							
Buildings for Native Troops on the plains No 2	Tinnevelly	Palamcottah	Annual Repairs	500	500	650 400	550 400 960.
Ordinary Maintenance charges for Cantonment Roads	do	do	do	"	"	"	"
Rents of Buildings for accommodation of Subordinates	do	do	do	"	"	84	84
					Total Military	500	1054.
Other Services							
Civil Buildings							
Postal	Tinnevelly	"	Annual Repairs to Post-Office Buildings	300	300	440	440
do do	do	do	do to Telegraph Buildings	250	250	"	"
			Total Civil Bldgs		550	"	440
Misc: P. Improvents							
Light houses	do	Muttam	Repairs to Light house	100	100	100	100
			Total Misc: P. Impts.		100		100
			Total Imperial		1150.		1594.

Executive Engineer
Tinnevelly District

Tinnevelly District.

Imperial
Buildings & Roads

Part-II continued

Abstract by Divisions of the grants pro-
-vided in part-II - Repairs.

Head of Classifications	Divisions Southern	Tinnevelly Sherimo-dai	Total
Military			
Accommodation for Troops.			
Native Infantry ———	"	500	"
Ordinary Maintenance charge of Cantonment-Roads ———	"	"	"
Rent of Buildings for accommo-dation of Subordinates ———	"	"	"
Total Military	"	500	" 500
Other Services			
Civil Buildings, Postal ———	100	200	"
——— do ———, Telegraph	"	250	"
Total other Services.	100	450	" 550
Miscellaneous P- Improvements			
Repairs to Light House at Mullam	"	100	100
Total Mis-P- Improvements	"	100	100 100
Total Imperial	100	1055 950	100 1150

District Engrs office Tinnevelly
Palamcottah 21st Sept. 1873.

Lt. Martin
Offg. District Engineer
Tinnevelly

Tinnevelly District.

Imperial
Buildings & Roads. Part-IV

Detail of the Budget-Estimate for Tools and Plant for Imperial Buildings and Roads for the year 1879-80.

	Budget-Estimate 1879-80	Budget-Estimate 1878-79
Military		
Nil		
Other Services		
Nil		

Dist. Engrs office Tinnevelly
Palamcottah 21st Sept. 78

J. W. Harkin
Offg. District Engineer
Tinnevelly

Tinnevelly District.

Imperial
Buildings and Roads

Appendix A. 80

Abstract of the Imperial Grants for 1879-80 under ordinary Imperial Buildings and Roads arranged by Departments.

	Original works	Repairs	Total cost of works & Repairs	Tools and Plant	Total 1879-80	Total 1878-79
Military						
Normal	6,740	500	7,240	"	7,240	484 550⊗ 1034.
Special						
Total Military	6,740	500	7,240	"	7,240	1034.
Civil Buildings						
Total	"	300	300	"	300	440.*
Telegraph	"	250	250	"	250	"
Total Civil Buildings	"	550	550	"	550	440.
Miscellaneous P. Impts.						
Light House at Mattan	30,000.	100	30,100	"	30,100	100.
Total Mis: P. Impts	30,000.	100	30,100	"	30,100.	100.
Grand Total	36,740.	1150	37,890.	"	37,890.	1574.

⊗ Sanctioned in G.O. No 2748 W of 4-7-78.
* — do — in G.O. Nos 2499 W of 14-8-78 & 2806 W of 4-7-78.

Sd. Swarton.
Offg. District Engineer
Tinnevelly

District Engineer's Office Tinnevelly
Palamcottah 21st Sept: 1880.

P.W. 1878 Dec.

No. 10699.

From.

The Offg. Dist. Engr.
Trincomalee

To.

The Chief Engineer
D. S. W.

Dated 21st
Rec'd. 24th } Sept: 17th.

Trincomalee District

Imperial

Budget Estimates
for 1879-80.

Cuddapah District
Part III.
Detailed Estimate for Repairs for 1879-80.

	Estimate for 1879-80 Amount	Estab	Estimate for 1878-79 Amount	Estab
Cuddapah Do. Postab	100 200 100	200	-	-
Do. Dampelly Do. Do.				
Do. Do. Do. Telegraph	100	100	-	-
Cuddapah Do. Soils and Plant	60 100 40	100	-	-
Do. Dampelly Do. Do.				
Total	400	400	-	-

61

District Engineers Office
Cuddapah 2d October 1878

T. Wheeler
Lieut. R.E.
District Engineer

From

The District Engineer

Cuddapah

To

The Chief Engineer

Buildings & Roads

Madras

Dated 2nd October 1879

Budget Estimate for
1879-80 Part III-H
the Cuddapah District

Budget for 1879-80 of Cuddapah District.

Part I

Abstract.

Main Heads.	Imperial	Remarks.
Postal and Telegraph		
Tools and Plant	250	
Total	250	
Postal	200	
Telegraph	100	
Tools and Plant	100	
Total	400	
Grand Total	650	

District Engineer's office
Cuddapah 2nd October
1879

J. W. Abercrombie Lieut. Col. R.E.
District Engineer

Caddapah

Part

Examining Division.	No.	Locality	Project Description

District.

II.

Amount of Estimate	Computed expenditure up to 31st March 1879	Estimate for 1879-80	Remarks and References

J. C. Strachey Lieut. Col. R.E.
District Engineer

District Engineer's Office
Caddapah 11th October 1879.

Statement of sums required for Minor Works under various Budget Heads for 1877-8.

District	Military	Civil Buildings	Roads and Plant	Total
Candeish	-	-	250	250

District Engineer's office
Candeish 2nd October 1876

I. W. Brucks. Lieut. R.E.
District Engineer

From

The District Engineer

Cuddapah

To

The Chief Engineer

Buildings & Roads

Madras

Dated 2d
Received 3 October 1878

Budget Estimate for
1879-80 Part I and II
of the Cuddapah District

Imperial

Military

Government

Detail of the Budget Estimate for original

of Harbours

Name of Works Imperial Military Buildings for the year 1879-80

Head of Classification	Division	Locality	Item No	Works	Amount of Estimate	Actual Outlay to end during of 1878-79	Probable Outlay during 1879-80	Grand Total for each Head	Total for each Item	Item No	Remarks & References
				Military							
				Defences Malcolm & Construction of Embankment for 10 Lines at the Ma Loop Railway Station 20 miles from Defence						1850	Sanctioned in G.O. No 770 Dy 20th March 1879
				Do Guard Lodging Repairs &c						600	
				Total Military Rs						2450	

Imperial

Public Works Budget Estimate — Government of Madras

Part II (continued)

Abstract of the Grants Proceeding in part I

Main Head	Total
Military	1750

Statement showing the sums required for Minor Works (works estimated for not exceeding Rupees 500 each) under Imperial

District	Military Building	Civil Building	Total
Salem	1,750		1,750

Imperial

P.W. Budget Estimate — Govt of Madras

Part III

Detail of the Budget Estimate for repairs to Public Works under Imperial in Salem for the year 1879-80

Head of Classification	Division	Locality	Items	Estimate 1879-80	Estimate 1878-79
Military	Before Removal Depôt at Mhd daghery		Compensation or rent for quarters	860	860
	Do and Hospitals		Repairs & Rebuilding	8140	3000
			Total Military	9,000	3860
Total Building Salem and Hospitals			Mine Repairs	300	250
			Total Civil Building	300	250

District Engineer's Office
Ootacamund 28 August 1878

R Bourne
Major R.E.
District Engineer

Imperial

Buildings and Roads — Part II

Detail of the Budget Estimate for Repairs

Imperial Buildings and Roads for 1877-78

Heads of Classification	Divisions	Localities	Items	Estimate for 1877-78 Annual	Estimate for 1877-78 Total	Estimate for 1876-77 Annual	Estimate for 1876-77 Total
Other Services							
Civil Buildings							
Postal	Southern		Annual repairs to Post Office Buildings	150			
			Contract Do	100			
	Northern				350		
Marine Services							
Public Improvements							
Lighthouses	Western		Annual repairs to Lighthouses	200	200		
	Southern						
	Eastern				200		200

District Engineer's Office
Akyab
12th October 1876

P. Kennedy
District Engineer

Compared by

From [illegible]

To The District Engineer
Kellas

To The Chief Engineer
B.P.W.
Bombay

Date } 12th October 187
Despt }

Imperial

Detail of the Budget
Estimate for Repairs
for 1879—80.

1877 #
To

Colaba
Lake
Dated 17th Dec 1878

In the absence of precise data probable receipts and disbursements under Imperial and Provincial for 1879. It may be assumed as the average of 4 previous years x Imperial 24,000 other than Imperial 31,000 Provincial 30,000 x Distribution Expenditure under Imperial not finally settled x The following figures have been prepared Imperial Original Rs 171,440, Repairs 17,000 Establishment 136,800 Tools & Plant 6,960 x other Imperial original buildings 17,000, Telegraph 9,000 Rs 177,960 Lighthouses 19,343 other proportion Tools & Plant Telegraph 3,500 total 209,803 Plinths 2,000 Lighthouse Establishment Tools 3,360 Total 171,280 x Imperial modification with

P.W. 1878 Dept
69
C 1:13:07
GOI 575/1877
Rec'd 11th Dec
be telegraphed x Provincial
assessment for next year
yet fixed by Provincial Dept
Sig Engr
Bby

TRAFFIC CODE FORM CI.

INDIAN TELEGRAPH.

From (station)

Date sent	Time sent (Railway time)	
	Day	H.	M.

Office Instructions

69

[illegible]

[illegible] expenditure [illegible]

be [illegible]

[illegible]

[illegible]

[

TRAF... ...E FORM.

INDIAN TELEGRAPH.

Class S | Serial No. 2879

To (Station) MSS | From (Station) Calcutta

Words 16/11 | Day 14 | H. 17 | M. 9 | Official Instructions 71

To (Name) Madras Stores | From (Name) Hastie

Please	Indigo	If
Bill	Indigo	to
about	Despatch	and
Consignment	1879 -	20

Recd. from _____ (L. L.) _____

At ____ H. ____ M., on the _____

By _____

Sent to _____ (L. L.) _____

At ____ H. ____ M., on the _____

By _____

MADRAS 15-12-78

Telegraph Master.

P. 1) —Gov. Tel. Press,—No. 110,—21-9-78,—100000.

...PTO-TO THE AVERAGE REVENUE OF THE

...PREVIOUS YEARS IN RESPECT OF...

STORES, &c.

REVENUE

Dy 13975

Rec. 16 Nov.

J. C.

The Telegram
to which attention is called
wants with you. Mear
Rahamin will reply

Dft 15

J. B.

16/12/76

Dr. Telegram from Dir. of
Pub. Wks. re: Budget

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

SECRETARY.

Fort St. George, 13 Dec. 1876

OFFICE NOTE.

To C

If you will kindly help us with the required information as regards

(1) Imperial Receipts for 1876-77
(2) Provincial Do Do

he will get up the other particulars called for by the Govt of India as soon as they can be made available

Dft
Sy. 15.
12.12.76

TO S.

IN THE ABSENCE OF ANY INFORMATION IN THIS OFFICE REGARDING THE PROBABLE RECEIPTS OF THE YEAR 1876-77 THE AVERAGE REVENUE OF THE 5 PREVIOUS YEARS IS RESPECTFULLY SUBMITTED.

REVENUE

12/12

Buildings and Roads

List of New Works under Military proposed for entry in the Imperial Budget of 1879-80.

District	Work	Completed Expenditure up to 31st March 1879	Amount proposed for entry in the Budget	
	Original Works			
	Military			
Bellary	New portion from Rock Thompson's to the Barracks Gas Light Company		6450	Estimate under consideration
	Bellary Commissariat Department		5000	Estimate awaited.
Presidency	Buildings for press for pumps with other for granulating pebble making & stone fence & Spire and two Arches at the Gun Powder Factory		20000	
	Carried over		31450	

Brought forward ____ £1450

Bombay — Pier at the entrance of harbour for landing of Pilots passengers & Custom House Officers & boats [illegible] Estimate received

Do Pier for landing Coals & Stores from Vessels lying off the harbour & Custom House Godowns [illegible] Do

Do for the Erection of Lighthouses Beacons Buoys & Moorings [illegible] Do

Bhopawar Landing Jetty for Steamers & Boats [illegible] £150 - 150 Go for 70 ft. from sht. Item No 13 of Class C Works by Budget of 1876-77.

Bombay Pier with Jetty & Quay for the use of Steamers [illegible] 1800
with 240 houses & Godowns with [illegible] do 12500
Iron gratings for 20 Godowns with [illegible] do 2000
Do for Cisterns [illegible] 15 @ 26 260 60,000 40 ft. 230 ft of 25 ft. Quay sht. also the Quay at the Custom House.
Additional Landing Jetty & Godowns [illegible] 2400
Deduct value of Old Materials 4315
Rupees 1,59,685

Carriage roads from the Docks near the Apollo Bunder to Thomas' Mount - - 5000 Estimate received.
Bombay with Extension to Sion in connection with [illegible] Repairs Rs 15 per ft. of 1877-78. G.O. No 579 W of 16 August 1877. Item No 8 of Class C Works of Budget of 1877-78

Cost of Road from Trinity Church to Apram Barracks 9200 4000 5200 Balance of Estimate. Sanctioned by Govt. of India. Repairs Rs 5 per ft. of 1874-75. G.O. No 1521 of 10 June 1875 & No 1512 of 20 March 1875. Item No 8 of Class C Works of Budget of 1874-75

Drainage of Native Deputy Lines 14,400 13000 1400 Estimate & Balance of Estimate. G.O. No 221 of 26 May 1876 Item No 21 of Budget of 1876-77.

Improvements to Bombay Church Appointment 20,000 - 10,000 G.O. No 525 of 25 February 1876. Detailed Estimate awaited. Item No 17 of Budget of 1876-77

Nilgiris Bath Rooms & Mail Rooms at Wellington 800 - 3000 G.O. No 892 of 12 June 1876 — Item No 5 of Class C Works of Budget of 1876-77.

Malabar Quarrying &c of the channels Outfalling Tidal Sluices & Jetty for the use of Europeans - - 7000 Estimate received
Latrines & dry earth with stores for use Native Deputy Commissariat - - 7000 Do

For incomplete works of 1876-77 & minor works Carried forward, See Item No 2500 Each - - 5015
Carried forward 31235

Quarter Master Generals Office
Fort Saint George 6th December 1848.

No. 9065

From

Brigadier General M'Connell
Quarter Master General

To

The Chief Engineer
Public Works Department
Madras

&c.

In reference to the List rendered with
your No. 5281 dated 22nd October last, by
order, to state that the Acting Commander of the
Force approves of the Works selected for entry in the
Budget of 1849-50, with the exception of Expense
Magazine at the Butts near the Gun and Mortar
Battery Saint Thomas' Mount Rs. 3000. These
Butts are not required at present, and the item
may be struck out.

2 It is requested that the amount be
appointed for the "Alterations to Poty Town Store
Houses" Project No. 19 as last published in
G.O. P.W.D. 15th October 1849 No. 60 to Rs.

3 Request the delay in replying
to

to your letter. It has been caused by the
unlikely for response to earlier Department.

Thomas
By H. McConnell Brigadier
Quarter Master General

(True Copy)

H. McConnell
Brigadier
Q. M. General.

Quarter Master General's Office
Fort Saint George 22nd January 1799

No. 659. 77

From Brigadier General A. O'Connell
Quarter Master General

To Colonel G. A. Ford R.E.
Secretary to Government
Public Works Department

Sir,

In reply to your letter No. 844 dated 21st January 1799, I have the honor by order, to forward Copies of this Office letter No. 9065 dated 5th December 1798 to the address of the Chief Engineer Public Works Department and of the list of Military Works for the Budget of 1799-800, which accompanied the former.

I have the honor to be
Sir
Your obedt Servant

A. O'Connell Brigr General
Quarter Master General.

Imperial Budget Estimate of the Consulting Architect's Division for 1879-80.

Part I Section A.

Abstract of Estimated Charges for Public Work of the Consulting Architect's Division for 1879-80.

	Revised Estimate 1878-79	Estimate 1879-80	Estimate 1879-80	Total 1879-80
5				
7	**Original Works**			
	Building	-	-	-
	Civil Buildings	-	1.60.000	- 1.50.000 -
	Establishment	-	-	-
	Tools and Plant	-	-	-
		-	1.60.000	- 1.50.000 -

Consulting Architect's Office
Estimate No. 1 for 1879-80

Consulting Architect to Govt.

Imperial Budget Estimate of the Consulting Architects Division for 1979-80

Part I Section B

Abstract of estimated charges for Public Works of the Consulting Architects Division for

	Estimate 1979-80	Estimate 1978-79	Estimate 1979-80	Estimate 1978-79
Public Works				
(Railway)				
Original Works				
(Other Services)				
Civil Buildings		1,50,000		1,50,000
Original Works				
Establishment				
Works and Plant				
		1,50,000		1,50,000

Consulting Architects Office
Dated the 1st June 1979

Chief Architect

Consulting Architects Officer

Imperial Budget Estimate

Consulting Architect's Division Presidency District of Public Works Department

Part II

Detailed Estimate for Original Works for 1913-14

No.	Project	Amount Contributed by Municipality	Estimate for Imperial Funds
	Part I		
	Bombay : Main Bombay Post Office	2,42,000	75,000
	Total Part I	2,42,000	75,000
	Part II		
1	Bombay Subsidiary Post Office	2,57,192	75,000
	Total Part II	2,57,192	75,000
	Total Cost of Buildings	5,00,000	1,50,000

Consulting Architect to Govt.

Bombay Architect Office
Estimate No. 2 dated 1913

2 8

P.A. 1875 7

47

ROADS AND BUILDINGS.

e 1:15808

From

The Consulting Architect
to Government.

To

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

Charge

Regimental Quarterly Return

Paid as Rolls

Regimental Return of Clothing received by Lieut. Col. Phillips

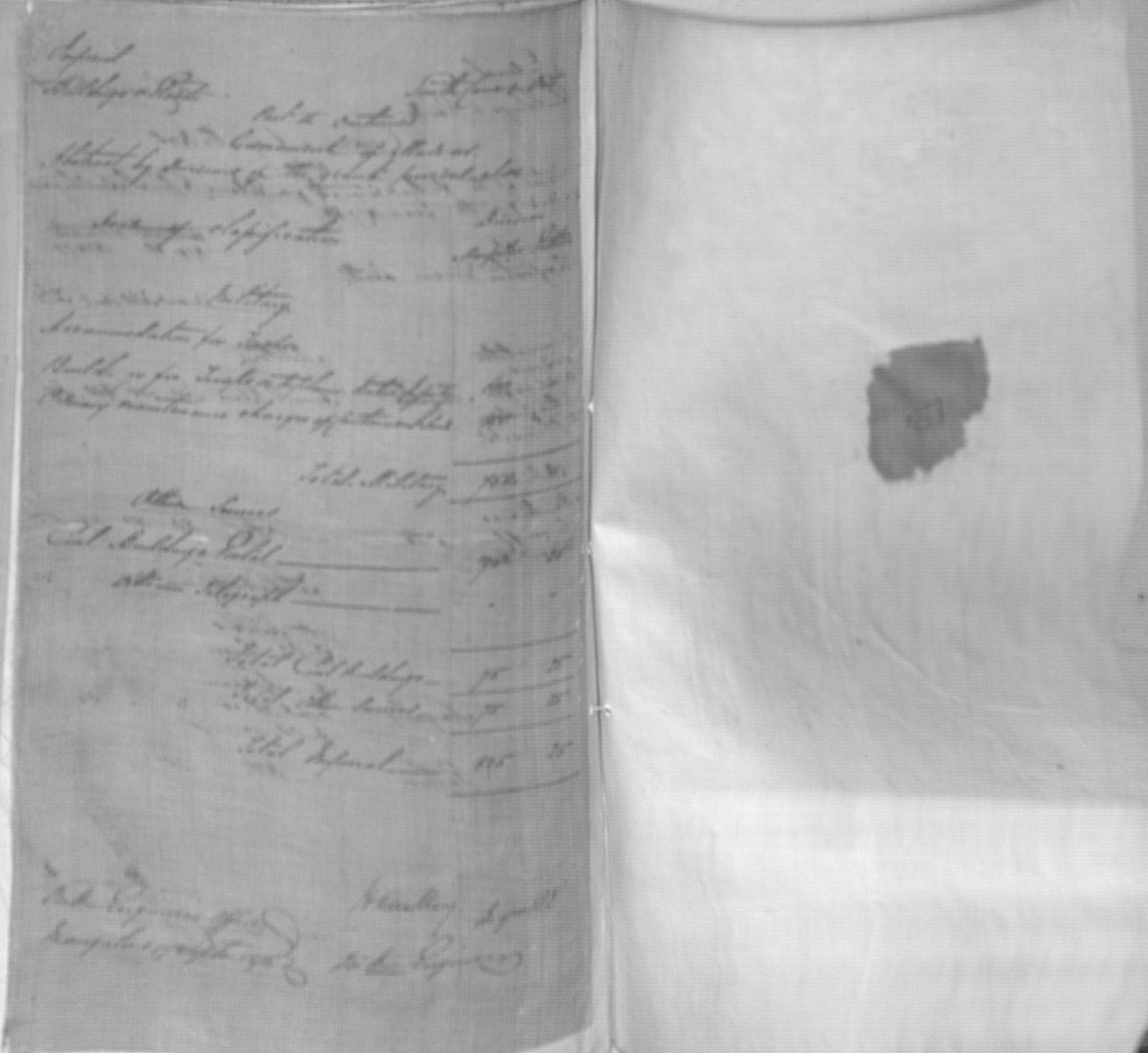
Amount of Clothing for Lieut. Col. Phillips

Amount of Clothing received by Lieut. Col. Phillips

Amount of Clothing for Regimental Band

Amount of Clothing received by Regimental Band

Original Issue		
Deficiency		
Additional		
Total as Paid		
Grand Total		





Madras
Local

Detail of the Budget Estimate of Original Works

District

I.

Imperial Buildings and Roads for the year 1879-80.

Head of Classification	Locality Division	Locality Locality	Projects and Works.	Outlay actual to end of 1877-78	Outlay probable during 1878-79	Estimate for 1879-80. Annual Effected		Remarks and References.
Accommodation for Troops			Barracks for Europeans Infantry			4430	1	G.O. No 128 of 21st May 1874. Item No 8 of Budget of 1879-80. Appendix D. This item has been entered but notice is requested to the fact that no plans have been received on the Estimate three etc sanction, and it would therefore appear to avoid undue pressure
Do	Do	Do	Barracks for Europeans Infantry			9070	2	of G.O. No 109 of 29th January 1874, No 2037 of 30th June 1869 and No 3918 of 28th January 1870.
Do	Do	Do	Hospitals for Do			2690	3	Vide above remarks.
Do	Do	Do	Additions of 3 rooms to the Royal Artillery Quarters			3000	4	
Minor Works			Minor Works			19190		
Do			Total Buildings					
			Total Roads					Total for roads
			Total Buildings			500	5	
Roads & Minor Works			Minor Works			500		
			Total Road Buildings					

Abstract of the charges mentioned on Part I

	Imperial	Local	Total
Military	18190	-	18190
Civil Buildings	500	-	500
Total	18690	-	18690

Statement of the sums required for minor Imp. Works to cost less than Rs 5,000 each
(Item 10 & 11 in Part I)

	Imperial Ordinary	Original Works	Military	Military Buildings	Imperial Extraordinary	Original Works	Military	Military Buildings	Total Imperial	Total Local	Total
Accommodation for European Infantry	300	-	400	600	-	1300					
do do Artillery	300	-	-	-	-	300					
do do Native Infantry	100	-	-	-	100	200					
Commissariat Buildings	50	-	100	100	-	250					
Ordnance do	50	-	-	-	-	50					
	900	-	500	500	100	2,000	2,000				
Other Imperial Civil Buildings	100	100	100	50	100	500	500				
Total											

90

To the Chief Engineer
Burmah Buildings
Maymo

Lt. Col.
Superintending Engineer, Burmah

Maymo 31st Dec 1870

16

Malabar District

Imperial Fund. Part II.

Detail of the Budget Estimate for Repairs, Imperial Buildings and Roads, for 1879–80.

Head of the Inspection	Division	Locality	Items	Estimate 1879–80 Amount	Estimate 1879–80 Total	Estimate 1878–79 Amount	Estimate 1878–79 Total	Remarks
			Military					
Accommodation for Troops	Cannanore	Cannanore	Annual Repairs	5000		5000		
Buildings for European	Calicut	Calicut	do	2450		2450		
Troops on the plains	Cannanore	Tellicherry	do	2450		2450		
European Infantry					9900		9900	
European Artillery	Cannanore	Cannanore	do	1000		1000		
					1000		1000	
Buildings for Native	Cannanore	Cannanore	do	2000		2000		* Amounted in 1878-79 for Military purposes
Troops on the plains	Palghat	Pattan	do	500				Since the Buildings have been
Native Infantry					2500		2000	exclusively transferred
			Carried Over	13400	13400		12900	to the Civil Department
								1878

Heads of Charges	Stn	Division	Locality	Items	Estimate 1877-78 Amount	Estimate 1878-79 Amount	Remarks
				Military (Continued)			
				Brought forward	13,500	13,900	
Allowances for Transport & Buildings for Officers		Cahirciveen	Cahirciveen	Annual Repairs	100	100	
		Cahirciveen	Waterfall	do	100	100	
					200	200	
Ordinary Works		Cahirciveen	Cahirciveen	do	100	100	
					100	100	
Permanent Buildings		Cahirciveen	Cahirciveen	do	300	300	
		Cahirciveen	Cahirciveen	do	100	100	
		Cahirciveen	Waterfall	do	100	100	
					500	500	
		Cahirciveen	Cahirciveen	do	300	300	
		Cahirciveen	Cahirciveen	do	100	100	
Repairs & Incidentals		Cahirciveen	Waterfall	do	100	100	
					500	500	
Ordinary Maintenance & Charges of Establishment Kinvarra		Cahirciveen	Cahirciveen	do	1,000	1,000	
		Parkgate	Parkgate	do	600	-	* Not required in 1878-79 for Kinvarra and Division Kinvarra District has been given to Gort to place with this District
					1,600	1,000	
Rents of Buildings for accommodation of Subordinates as well as Commutation for Rent of quarters		Cahirciveen	Cahirciveen	Military Subordinates	1,500	1,500	
		Cahirciveen	Cahirciveen	do	240	240	
		Cahirciveen	Waterfall	do	380	380	
					2,120	2,120	
		Cahirciveen	Cahirciveen	Medical Subordinates	1,000	1,000	
		Cahirciveen	Cahirciveen	do	240	240	
		Parkgate	Tuckcore	do	240	240	
					1,480	1,480	
				Total Military	19,500	18,600	

Head of Classification	Remarks	Estimate 1877–78 Annual	Estimate 1877–78 Total	Estimate 1878–79 Annual	Estimate 1878–79 Total	Remarks
Public Works Department						
Civil Buildings						
Annual Repairs to Roads						
Lucknow Division	Office Buildings	150		50		
Cawnpore Division	do	100		50		
Allahabad Division	do	50		-		
Benares Division	do	50		50		
Gorakhpur Division	do	150		50		
Public Offices		500		200		
Total Civil Buildings		500		300		

Abstract by Divisions of the grants proposed in Part II.

Head of Classification	Lucknow Division	Fyzabad Division	Benares Division	Gorakhpur Division	Cawnpore Division	Allahabad Division	Total
Military							
Accommodation for Troops							
Buildings for Troops on the plains	5,000	-	2,450	2,450	-		9,900
European Infantry	1,000	-	-	-	-		1,000
do Artillery	2,000	-	-	-	500		2,500
Native Infantry	-	-	100	100	-		200
Buildings for Officers	100	-	-	-	-		100
Ordnance Works	200	-	100	100	-		400
Commissariat Buildings	200	-	100	100	-		400
Staff and Miscellaneous	1,000	-	-	-	400		1,400
Ordinary maintenance charges of Cantonment Roads							
Carried Over	9,500	-	2,750	2,750	900		15,900

Kind of Buildings	Number	Cubical Contents	Rate per Cubic Foot	Value
Agricultural Buildings				
Brought forward	9000	2750	2700	900	15,900 £
Kind of Buildings for occupation Agricultural Labourers, as well as Farm Buildings for Kind of produce	Building Subordinates	1500	220	330		2,130 £
	Mechanical Subordinates	1000	240	320		1,450 £
Total Building		13,000	3,230	3,130	900	19,500 £
Other Farmers Land Buildings Rental		150	50	100	50	150	500
Total Land Buildings		150	50	100	50	150	500

Note for Summary

Roads and Buildings

From
The Assistant Engineer
Malabar

Detail Estimate for Repairs 1879-80

1879-80 | 1878-79

Military

Minor Repairs to Wellington Barrack Buildings 200
" " to Lawrence Asylum Buildings 200
" Horses Point to Military and Medical Subordinates 100
" " to Garrison Instruction Quarters 150
Repairs to Malabrence Fort, Flagstaff, Powder Magazine, Bridge over Ditch & Boundary Wall 200
" to Lawrence Water Course &c. 1000 1000
Repairs to Wellington & Malabrence Roads 1250 1250
1450 1450

Minor Repairs to Fort and Telegraph Buildings 100 100

Executive Engineer
and Member
Budget Committee
for 1878-79 Nilgiris
Ootacamund

Abstract of Funds required for all Works to be executed by the Public Works Department during the Financial Year 1879-80

Main Roads

Subsidiary Roads

Bridges

Communications

Original Canal

Canal Buildings

Total Amount Rupees 1,41,488

Richard Griffinhoofe Morant
Officiating Superintending Engineer
Coimbatore

Dated 1st October 1878

A6

Detail Estimate for Original Works for 1879-80

Executive Division	No.	Locality	Project Description	Amount of Estimate	Expenditure upto 31st March 1879	Estimate for 1879-80	Remarks and Reference
Palgaut	1	Coimbatore	Combined Post and Telegraph offices at Coimbatore	35,200	Nil	20,000	Plans and Estimate have been submitted to Government

Superintending Engineer

Madras 1878

Divisional Engineer

Abstract of Grants proposed for all Civil Works to be discharged by P.W. Department

Main Heads	Imperial	Local	Total
Military			
Civil Buildings	20000		20000
Agricultural			

Jas Morandy Major
District Engineer

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

For 1878/79

District	For Minor New works under Military	For Minor New Works under Civil Buildings	Total for New works estimated at cost less than 500 Rs
Nilgiris	1500	500	2000

District Engineers Office
Octacamund
12th October 1878

Jas Morandy Major
District Engineer

Imperial
Buildings and Roads

Government of Madras

97

Part I.

Detail of the Budget Estimate of Original Works Imperial Buildings and Roads for the year 1879-80.

Head of classification	Executive Division	Locality	Name No.	Projects and Works	Remaining Estimate	Outlay actual to end of 1877-78	Outlay Probable during 1878-79	Grant 1879-80 Normal	Grant 1879-80 Special	Item No.	Remarks or References.
				Military Original Works Nil							
Minor Works	Coimbatore Division			Minor Works	{	153	300	{ 200 300 100	"		

District Engineer's office
Camp Erode 6th September 1878.

Allotment Captain &c.
Ag District Engineer
Coimbatore.

From,

The Ag District Engineer
Coimbatore

To,

The Chief Engineer
Pub Department
Madras

Encl: 1

Dated 6th
Received 11th September 1878

Part I

Imperial Budget
Estimate of Original
Works for 1879-80.

G.O. 575 W. dated 1879

Imperial

Buildings and Roads.

100

Government of Madras

Part II

Detail of the Budget Estimate for Repairs
Imperial Buildings and Roads for the year 1879-80.

Head of classification	Division	Locality			Estimate for 1879-80. Amount	Estimate for 1879-80. Total	Estimate for 1878-79. Amount	Estimate for 1878-79. Total
			Military					
Rest Houses	Coimbatore	Pottanore	Annual Repairs		300			
		Mettupalam	Do.		100	400		400
	Periyakoiva	Erode	Do.		300	300	300	300
			Total Military		700	"		700
			Civil Buildings					
Post offices	Coimbatore	Pottanore	Annual Repairs		50			
	Do.	Mettupalam	Do.		50	150		"
	Do.	Cavoor			50			
	Periyakoiva	Erode	Do.		50	50		"
	Cavoor	Cavoor	Do.		50	200		"
			Total Civil Buildings			200	"	"

District Engineer's office
Camp Erode 6th September 1878.

A. Anstey Captain R.E.
Ag District Engineer
Coimbatore

Abstract by Divisions of the grants provided above.

Head of Classification	Divisions				
	Coimbatore	Cuddapah	Cuddalore	Periyakulam	Total
Military					
Rest Houses	400	.	"	300	700
Civil Buildings					
Post offices	100	.	50	50	200
					900
Grand Total	550	.	50	350	

District Engineers office
Camp Erode 6th September 1878.

A. Awdry, Captain
Ag. District Engineer
Coimbatore

Imperial
Buildings and Roads

Government of Madras

Part IV.

Details of the Budget Estimate for Tools and Plant for Imperial Buildings and Roads for 1879-80.

	New Supplies	Repairs	Budget Estimate 1879-80	Budget Estimate for 1878-79.
Coimbatore District. Repairs and Carriage	.	100	100	100.
			100	

District Engineers office
Camp Erode 6th September 1878.

A. Awdry, Captain &c.
Ag District Engineer
Coimbatore

Sir,

I have the honor to be
Sir
Your obedient servant

Dated 6th
Received 7 September

Part II

Imperial Budget
Estimate of Repairs
for 1879-80

No. 4084

3rd Circle

~~Chingleput~~ Superintending Engineer's Office,
Madras
~~Saint Thomas' Mount~~, 11th November 1878.

From

THE SUPERINTENDING ENGINEER,
~~Chingleput~~ 3rd Circle

To

The Chief Engineer
Public Works Department.

Sir,

In reference to your Memorandum No. 5032 dated 7th instant I have the honor to return the Imperial and Provincial Budget for 1879-80 of the North and South Arcot Districts therewith received, with the names of Divisions altered in accordance with the recent reorganization.

I have the honor to be
Sir
Your most obedient servant

P. H. Connell Colonel R.E.
Supg Engineer 3rd Circle.

From the Supt. Engr. B.C. Distt.

No. 4084.

Dated 11th Nov. 1878
Rec'd 17th Nov. 1878

Enclosures 4.

Imperial & Provincial Budget for 1879-80 — Remarks thereon — of the North & South Areas & Districts with certain alterations.

No. 2982

Imperial Buildings and Roads

North Areas Districts

Public Works Department

103

Imperial Budget Estimates

of the

Buildings and Roads Branch

of the

North Areas Districts

for the Years

1879/80

North Areas
Superintending Engineer's Office
Vellore 13th September 1878

Lieut. Wiendey as Lieutenant Colonel
Offg Superintending Engineer North Areas

Imperial

Buildings and Roads

North & West Districts

Contents

	Pages
Abstract of the Budget Estimate of Charges for Public Works	3
Part I Detail of Estimates for Ordinary Works	4 to 5
" II do do for Repairs	6 to 7
Abstract by Divisions of the Grants provided above	8
Part IV Detail of Estimates for Roads and Bridges	9

1894

(1)

Imperial Charges. North Areot District.

Buildings and Roads.

Imperial Budget Estimate of Ordinary Expenditure of the Public Works Dept.
Buildings and Roads Branch North Areot District for 1879-80.
Abstract of the Estimated Charges for Imperial Public Works in the North
Arcot District for the year from 1st April 1879 to 31st March 1880.

	Reference to Detailed Estimate 1879-80 Pages.	Budget Estimate 1879-80 Rs	Budget Estimate 1878-79 Rs	Regular Estimate 1878-79 Rs.
Military				
Original Works		300	300	300
Repairs		4000	4000	4000
Tools and Plant		"	"	"
Total		4300	4300	4300
Other Services				
Civil Buildings Original Works		200	"	"
Repairs		300	300	300
Minor Museums Public Improvements Original Works		"	"	"
Repairs		"	"	"
Tools and Plant		50	50	50
Total		550	350	350
Grand Total — Original Works		500	300	300
Repairs		4300	4300	4300
Tools and Plant		50	50	50
Total		4850	4650	4650

(2)

(3)

Imperial
Buildings and Roads.

Detail of the Budget Estimate of Original Works

Imperial Buildings and Roads for the year 1879-80

Head of Classification	Executive Division	Item	Sub Item	Description and Works.	Amount of Estimate	Outlay Actuals to end of 1877-78	Grant 1879-80 Probable during 1878-79	Amount Total	Item	Remarks and References.
				Military						
Minor Works	Vellore	1		Grant for Minor Works the estimated Cost of which does not exceed 2500 Rs per annum			300	300		
				Total Military				300		
Total				Civil Buildings						
		2		Grant for Minor Works			100	100		
				Total Civil				100		
Telegraph										
		3		Grant for Minor Works			100	100		
				Total Telegraph				200		
				Total Civil Buildings						
				Miscellaneous Public Improvements						
				— None —						
				Abstract						

Imperial Buildings	Contingencies	Total
300	"	300
200	"	200
"	"	"
500	"	500

Military
Civil Buildings
Miscellaneous Public Improvements
Total

(4)

(5)

206

Total proposed
New heads not known
The disposal
for
for
for

Imperial. North Arcot District.

Part II

Buildings and Roads.

Detail of the Budget Estimate for Repairs Imperial Buildings and Roads for the Year 1879-80

Head of Service	Division or Locality	Items	Estimate 1877	Estimate 1878-79 Amount Voted	Amount Actual
Buildings for Officers Native Troops the Staff	Vellore	Annual Repairs	1100	1100	
Native Infantry	Wallajah		2179	2017	2017
Hospitals &c.	Do.		200	200	200
Bridges over Vellaru	Vellore		100	100	100
Commissariat Buildings &c.	Wallajah		100	100	100
Ordinary Maintenance Charges of Vellaru Cantonment Roads			1110	1110	1110
Plants of Buildings for accommodation of Subordinates as well as Commissariat for remount & quarters	Vellore	Military Subordinates	250	250	250
	Wallajah	Medical Subordinates	250	250	250
		Total Military	4000		4000

(6)

Imperial. North Arcot District.

Part III

Buildings and Roads.

Detail of the Budget Estimate for Repairs Imperial Buildings and Roads for the Year 1879-80

Head of Service	Division or Locality	Items	Estimate 1877 Amount Voted	Estimate 1878-79 Amount Actual
Other Services Civil Buildings				
Post Office	Chittoor	Annual Repairs to Post Office buildings	50	50
	Vellore		150	157
			100	100
	Wallajah		50	200
Telegraph Buildings	Vellore	Annual Repairs to Telegraph buildings	100	100
Total Civil Buildings			300	300

707

(7)

Imperial
Buildings and Roads

North & West Districts.

Part IV

Abstract of the Budget Estimates for Roads and Roads for Imperial Buildings and Roads for 1879–80

	New Suffolk	Budget Estimate 1879-80	Budget Estimate 1878-79
Military			
Villages		50	50
Total Military		50	50

Imperial. South Arcot District.

Buildings and Roads. Part I.

Detail of Budget Estimate of Original Works for the year 1879-80.

Nil

Major R.E.,
District Engineer.

159

Imperial. Buildings and Roads.

Part II.

Detail of Budget Estimate for Repairs Imperial Buildings and Roads for the year 1879-80.

Head of Classification	Division	Locality	Items.	Estimate 1878-79 Amount	Estimate 1879-80 Total Amount	Estimate 1879-80 Last
			Other services.			
Post Offices			Civil Buildings.			
			Annual or Occasional Repairs	50		
					50	
Salt	Sindiwanna	Merka	Special repairs to the Sindeda Lattice Bridge	9,170		
					9,170	
			Total Civil Buildings.		9,220	
			Total Imperial other services.		9,220	

District Supt. Offices & Assts. Coddalore & Sub-overseers

District Engineer

To the Chief Engineer.

D.P.W.

Buildings and Roads

From 1210 10867/78

The District Engineer

South Arcot

No 210.

Dated 9.
Despatched 9. } September
Received

Imperial
Budget Estimate
of the Building
and Road Branch
for 1879-80.

No. 4924.

Bangalore
Chingleput Superintending Engineer's Office,
Madras
Saint Thomas Mount, 19th December 1878.
Dept 20

From

THE SUPERINTENDING ENGINEER,

145 Chingleput. 3rd Circle.

To

The Chief Engineer,
Public Works Department.

Sir,

In reference to your Memorandum No 5342 dated 22nd November 1878, I have the honor to inform you that from a report received from the Divisional Office, Presidency, it would appear that it has hitherto been usual for Government to supplement Budget grants under Repairs "Military" and "Civil" on applications made whenever necessary, but that on the last applications for additional funds under Repairs Military the necessity for making provision in the Budget to the full extent of requirements was pointed out in your Memorandum No 4875 dated 6th October 1878 and that in reference thereto amounts in excess of the grants for 1878-79, have been applied for in the Budget for 1879-

under Repairs Military and Civil &c. &c.
would appear that estimates to the
extent of Rs 30,000 and Rs 10,000 for repairs
to Military and Civil Buildings respectively are already in hand for
which no funds are available
in the current year.

I have the honor to be
Sir
Your most obedient servant

P Hewett Colonel &c
Supt Bengal 3d Cavalry

117

From.

The Supg Engineer
3rd Circle

To

The Chief Engineer
P. W. D.

No 4924.

Dated 19th
Despd 20th } Drawings
Recd

Imperial and Provincial
Budgets. — Explains how
the amounts applied for in
the — of the Presidency
Division are in excess
of the grants for 1879.

GO 575 N 4/79

117

Detail of the Budget Estimate for Repairs &c for the year 1879-80.

Original

Part II Buildings and Roads in the Presidency Division.

Head of Classification.	Division.	Locality.	Items.	Estimate of 1879-80 Amount	Estimate of 1879-80 Total	Estimate of 1878-79. Amount	Estimate of 1878-79. Total.
Buildings for Troops on the Marine							124
Accommodation for European Infantry	Presidency		Annual Repairs	8000.			
Do European Artillery	Do		Do	1500.			
Do Native Infantry	Do		Do	5000.			
Do Native Cavalry	Do		Do	3000			
Buildings for Officers	Do		Do	8000.			
Ordnance Yard	Do		Do	15000.			
Commissariat Buildings	Do		Do	8000.			
Staff and Miscellaneous	Do		Do	12000			
					60,500		

Detail of the Budget Estimate for Repairs &c. for the year 1879-80.

Original
Part II Buildings and Roads in the Presidency Division.

Head of Classification.	Division.	Locality	Items.	Estimate of 1879-80 Amount	Estimate of 1879-80 Total	Estimate of 1878-79. Amount	Estimate of 1878-79. Total.
					60,500		
Ordinary maintenance charges of Cantonment Roads		Presidency	Annual Repair	8500			
Fortifications		Do	Do	10,000			
Rent of Buildings for Accommodation of Subordinates as well as Combination for Want of Quarters		Do	Military Subordinates	5000			
			Medical Do	5000	10,000	65000	
			Other Services				
Hospital		Do	Annual Repairs to Post Office Buildings	200			
Telegraphs		Do	Do Telegraph Buildings	200	400	"	

Detail of the Budget Estimate for Repairs Buildings for the year 1879-80.

Abstract No. II.

Buildings and Roads in the Presidency Division.

Head of Classification.	Division.	Locality	Items.	Estimate of 1879-80 Amount	Estimate of 1878-79. Total Amount	Total.
Tools and Plant	Presidency		Tools and Plant.			
			Repairs and Carriage	1140		1140
				1140		1140

116

Abstract.

Military Buildings	89000.
Civil Buildings	400
Tools and Plant	140
Total	89540.

Repairs

Repairs

Do

18th November 1878.

Jals

Thos Ramsay Major R.E.
Executive Engineer Presy Divn.

Presidency Division.

Imperial
Part II

Repairs.

No. 4289

3rd Circle
~~Chingleput~~ Superintending Engineer's Office,
Madras
~~Saint Thomas' Mount~~, 21st November 1878.

From

THE SUPERINTENDING ENGINEER,

~~Chingleput~~ 3rd Circle.

117

To

The Chief Engineer
Public Works Department.

Sir,

Encl 4. In reference to your Memorandum No 5166 dated 15th November 1878, I have the honor to forward herewith the Budget estimates Part I and II Imperial and Provincial respectively of the Presidency Division for 1879-80.

I have the honor to be
Sir
Your most obedient servant

P Hannah Colonel RE
Supg Engineer 3rd Circle.

From Superintendent Engr
3rd Circle

No 4259.

Dated 21st
Rec'd 28th } November 1879

Budget Estimates Part I & II
Imperial & Provincial — Finance
— ing — of the Presidency &c
for 1879-80

Part I.

Imperial.

Buildings and Roads.

Detail of the Budget Estimate of Original works, Imperial Buildings, and Roads for the year 1879-80.

Head of Classification	Estl Sheet	Locality	Item no	Projects and Works	Outlay Amount of Estimate	Outlay Actual to end of 1877-78	Outlay Probable during 1878-79	Grant 1879-80 Normal	Grant 1879-80 Special	Item no	Remarks and References
				Military Buildings							
Buildings for Officers	3	Presy	Fort St. George	1 Erecting a third Storey for the quarters occupied by the Subordinate Officer of the Ord.ce Dept.	9220	6490	9220			1	G.O. No. 1933 T. dt. 4 Dec.r 77. This work was ordered to be stopped in Chief Engr's memo no. 765 dt. 12 Feb. 1878. The sum of Rs 6490 reported to, was expended on the collection of appointed materials which have been since utilised in other works.
Do.	Do.	Do		2 Constructing Verandah in front of Quarters &c. occupied by Dy. Sups. Pre	6180.		6180.			2	G.O. no. 1952 dt. 15 Augt. 1872. The A.G. to Govt. States that he has omitted this item in his list, as it was not entered in the list furnished to him by the Public Disbrsl.
Ordnance Works	Do.	Trichinopoly		3 Enlarging existing quarters for Millman &c. Supervisors for residence of Master Worker & Master Refiner of the Gun Powder Factory	10,170*		9350.			3	G.O. no 73 dt. 12 June 1871. *This amount has been reduced to Rs 9350 according to the current rates.
							24750				

Part I.

Imperial.

Buildings and Roads.

Detail of the Budget Estimate of Original works, Imperial Buildings, and Roads for the year 1879-80.

Head of Classification	Ex. Line	Locality	Item No.	Projects and Works	Amount of Estimate	Outlay Actual to end of 1877-78	Outlay Probable during 1878-79	Grant 1879-80 Normal	Grant 1879-80 Special	Item No.	Remarks and References
									24750		
Buildings for Native Troops on the Plains											
Native Infantry	Do.	Lodoiget	4	Construction of Entire set of new Lines	"	44,830	. .	"	4		The Director General states that this Item should be struck out as it is contemplated to build the Lines at Palaveram.
Auxiliary Buildings	Do.	Lodoiget	5	Magazine & Store Room	12,450	8560	"	4150	.	5	G.O. No: 135 of 20 Jany 1873 - Two Magazines are at Perjapooram and another at Perambore - completed. The Director of Fortifications states that this Item should be struck out as it is contemplated to build the Lines at Palaveram.
Accommodation for European Infantry	Do.	Fort St. George.	6	A covered Gymnasium to be erected in the Park of the European Regiment					2,500	6	
Ordnance Works	Do.	Vepanchandy	7	A building for Press Punch and Gear for the Granulating pebble powder. Engine Sun P. Factory					57,300	7	
Do.	Do.	Do.	8	A building for charcoal Incinerating &c. Engine Sun Powder Factory					16,500	8	
Do.	Do.	Do.	9	A building for Stabling Existing &c. Engine & Powder Factory					96,700	9	
									201,900		

Page 1.

Imperial.

Buildings and Roads.

Detail of the Budget Estimate of original works, Imperial Buildings, and Roads for the year 1879-80.

Head of Classification	Ex. Divn.	Locality	Item no	Projects and Works	Amount of Estimate	Outlay Actual to end of 1877-78	Outlay Probable during 1878-79	Grant 1879-80 Normal	Grant 1879-80 Special	Item no.	Remarks and References.
					201900						
Ordnance work.	Peasy	Veryan Hundred	10	A building for bidding at Gun Powder Factory	5,000					10	
Do.	Do.	Do.	11	Completing existing quarters for children at Gun Powder Factory	2,500					11	These works are entered in this Budget as the Ordnance Store Yard Works are stated. Mr Peake has entered them in his Budget submitted to York. Plans & Estimates have not as yet been
Do.	Do.	New Town	12	Corrugated roofing of the Gun Sheds at Gun Carriage Factory	5,500					12	
Comst. Buildings	Do.	Black Tower	13	Upper Storey to the Cooperage Store Canal Department	7,000					13	Sanctioned by Gart for these works.
Do.	Do.	Bakery	14	Slaughter House, Canal Department	14,870			√		14	
Do.	Do.	Saidapet	15	Quarters for Station Butcher	3,940			3,940		15	
Ordnance works	Do.	Esplanade	16	Constructing Library at the Ordnance Lines	11,400			11,400		16	Deferred for want of funds vide P.O. No. 28 of 6 Aug. 1879
								297160			

Part I.
Imperial.
Buildings and Roads.

Detail of the Budget Estimate of Original works, Imperial Buildings, and Roads for the year 1879-80.

Head of Classification.	Ex. Serv.	Locality	New no.	Projects and Works.	Amount of Estimate.	Outlay Actual to end of 1877-78	Outlay Probable during 1878-79	Grant 1879-80 Normal	Grant 1879-80 Special	Grant 1879-80 New &c.	Remarks and References.
					29,160						
Commissariat Buildings	5	Roorkee	Black Town.	17	Stables for Commissariat mules	1,300		1,300		17	Estimate is with the Commissary General for approval.
Buildings for European Infantry				18	Military Hospital	50,000				18	Site not yet selected. The Quarter Master General states that the above 3 items must stand over, as no funds are likely to be available for a long time.
				19	Grant for New Works the Estimated cost of which does not exceed Rs. 10,000	9,000				19	
					Total	37,460.					

Part I.
Imperial.
Buildings and Roads.

Detail of the Budget Estimate of Original works, Imperial Buildings, and Roads for the year 1879-80.

Head of Classification.	Ex. Item	Locality	Item No.	Projects and Works.	Amount of Estimate	Outlay Actual to end of 1877-78	Outlay Probable during 1878-79	Grant 1879-80 Normal	Grant 1879-80 Special	Item &c.	Remarks and References.
				Works.							
				Rly. & Minor Nav.							
Bursim		For Minor Nav. Works Military		For Minor new Works Civil Building							Total for Minor Nav. works estimated to cost less than Rs 200 each.
Presidency											5,000
				Total	5,000						5,000.

10th November/79
Jeb

Wm Thompson Major R.E.
Executive Engineer P.W.

Part I.

Imperial.

Buildings and Roads.

Detail of the Budget Estimate of Original works, Imperial Buildings, and Roads for the year 1879-80.

Head of Classification.	Ex. Distt.	Locality	Item No.	Projects and Works.	Amount of Estimate.	Outlay Actual to end of 1877-78	Outlay Probable during 1878-79	Grant 1879-80 Normal	Grant 1879-80 Special	Item &c.	Remarks and References.

1249

Part I.

Imperial.

Buildings and Roads.

Detail of the Budget Estimate of Original works, Imperial Buildings, and Roads for the year 1879-80.

Head of Classification.	Ex. Being	Locality	New No.	Projects and Works.	Amount of Estimate.	Outlay Actual to end of 1877-78	Outlay Probable during 1878-79	Grant 1879-80 Normal	Grant 1879-80 Special	New Nos.	Remarks and References.

Presidency Divisi

Imperial

Part I.

New Works.

...ary XVIII

...perial

...ildings and Roads

Budget Estimate for 1879-80

Abstract

	Estimate 1879-80 Amount	Total	Estimate 1878-79 Amount	Total
Military				
Original Works	28,525		22,550	
Repairs	28,000		28,000	
Tools and Plant				
New Supplies	200			
Repairs	150		100	
	56875		50,65	
Other Services				
Civil Buildings				
Postal	120			
Repairs { Telegraph	300		265	
Tools and Plant				
Repairs & Carriage	200		100	365
	620			
Total Rupees	57495		51,015	

Imperial
Buildings and Roads

Ballary District

Detail of the Budget Estimate of Original Pro... works Imperial Buildings & Roads for the year 1879-80.

Head of Classification	Executive Division	Locality	Item No.	Projects and works	Amount of Estimate 1877-78	Outlay Actual to end of 1878-79	Outlay Probable to end of 1879-80	Grant	Remarks and Reference.
				Military					
Accommodation for European Buildings & Hospitals on the plains European Artillery	Ballary	Ballary	1	Cook House for the use of Royal Artillery	2,750	"	2,750	79 B of 1878-79	
European Infantry	Ballary	Ballary	2	New Pattern Punkahs in the European Infantry Refreshment	6,445	"	6445		Estimate will shortly be submitted thro' the Military authorities
Buildings for Native Corps on the plains Native Cavalry	Ballary	Ballary	3	Converting the Staff Officer's House into a Cavalry & General Hospital and the East wing of the old European Barracks in the Fort into a Bakery	7,830	"	7,830		Estimate &c. sent to the Military Authorities
Commissariat Buildings	Ballary	Ballary		Slaughter House & Hanging Shed	8,500	"	5,500		Estimate &c will shortly be sent thro' the Military Authorities
					3,000		3,000		
Public Works	Ballary	Ballary	5	Grant for Minor works below £2500 to be at the disposal of the Superintendent	2,500	"	2,500		
				Hospitals Remaining to	500		500		
							Total	28,525	

Imperial
Buildings & Roads

Detail of the Budget for the year 1879-80.

Head of Classification	Division	Locality	Items	Estimate 1879-80 Amount	Estimate 1879-80 Total	Estimate 1878-79 Amount	Estimate 1878-79 Total
Military							
Accommodation for European Troops on the plains	Bellary	Bellary	Annual Repairs	6,000	6,000	5,000	5,000
European Artillery	do	do	do	3,000	3,000	3,000	3,000
Buildings for two regiments European Infantry on the plains	do	do	do	2,000	2,000	2,000	2,000
Native Cavalry	do	do	do	400	400	400	400
Ordnance Works	do	do	do	500	500	500	500
Commissariat Buildings	do	do	do	400	400	400	400
Staff and Medical Lines	do	do	do	4,250	4,250	2,400	2,400
		Hospitals Rams.	do	2,850		1,850	
General Contingent Establishment Water Supply	do	do	do	1660	1660	1660	1660
			Carried over		20,210		20,210

Bellary District

II.

Estimate for Repairs Imperial Buildings and Roads

Head of Classification	Division	Locality	Item	Estimate 1879-80 Amount	Estimate 1879-80 Total	Estimate 1878-79 Amount	Estimate 1878-79 Total
			Brought forward		20,210		20,210
Military (Continued)							
Ordinary maintenance charges Cantonment Roads	Bellary	Bellary	Annual Repairs	4,820		4,660	
	Hospitals	Ramandroog	do	160		160	
					4,820		4,820
Rents of Buildings for accommodation of Subordinates	Bellary	Bellary	Military Subordinates	1500	1,500	1500	1,500
Rs well as compensation for rent of Quarters	Bellary	Bellary	Medical Subordinates	1400		1400	
	Hospital	Ramandroog	do	70		70	
					1470		1470
			Total Military Repairs		25,000		25,000
Other Services							
Civil Buildings							
Post Office	Chooty		Annual Repairs	100	50		
	Hospete		do	50			
	Tumacoda		do	20	120		
Telegraph	Bellary	Bellary	do	300		266	
					300		266
			Total other services		420		266

Bellary District

Imperial Buildings & Roads

Part IV

Detail of the Budget Estimate for Tools and Plant for Imperial Buildings and Roads for the year 1879-80

Executive Division	Items	Estimate 1879-80	Estimate 1878-79
	Military		
Bellary Hospital	Keep Supplies	200 150	"
	do	50	"
	Total	200	"
Bellary Hospital	Repairs & Carriage	150 100	100
	do	50	
	Total	150	100
	Total Military	350	100
	Other Services		
Gudi	Repairs and Carriage	100	
Yenakonda	do	50	"
Bellary	do	50	"
Hospital	do	50	"
	Total other services	200	"

District Engineer's Office
Bellary 10th October 1878

J. W. Rundall
District Engineer
Bellary

From

The District Engineer
Bellary

To

The Chief Engineer
Buildings & Roads

Dated 10 Octr. 1879.
Received 14 " "

Imperial Budget
Estimate of the Buildings
and Roads Branch
of the
Bellary District
for the year
1879-80

1-30

Imperial
Buildings and Roads.

Madras.
Kurnool District.

Government of Madras.

Appendix. A.

Abstract of the Imperial Grants for 1879-80 under Ordinary Imperial Buildings and Roads arranged by Departments.

	Original Works.	Repairs	Total Works and Repairs.	Establishment.	Tools and Plant.	Total 1879-80.	Total 1878-79.
	Rs	Rs	Rs	Rs	Rs	Rs	Rs
Military							
Nil.							
Other Services							
Civil Buildings							
Postal	-	50	50	50	200	450	875
Telegraphs	-	150	150				
Total	-	200	200	50	200	450	875
Grand Total	-	200	200	50	200	450	875

District Engineer's Office
Kurnool 10th October 1878.

W. Monteath
District Engineer

To
The Chief Engineer for
Roads and Buildings &c.
Madras.

Ast.

Imperial.
Buildings and Roads.

Madras.
Kurnool District.

Government of Madras.

Part III.

Detail of the Budget Estimate for Establishment for Imperial Buildings and Roads for 1879-80.

(1)

	Works	Repairs		Budget Estimate 1879-80	Budget Estimate 1878-79
	Rs	Rs		Rs	Rs
Military					
Nil.					
Other Services.					
Civil Buildings	—	200	25 per Cent. on the provision of Rupees 200 for Repairs	50	175
Total Military and Other Services				50	175

Buildings and Roads.

Madras.
Kurnool District.

Government of Madras.

Part IV.

Detail of the Budget Estimate for Tools and Plant for Imperial Buildings and Roads for 1879-80.

(2)

	New Supplies	Repairs	Budget Estimate 1879-80.	Budget Estimate 1878-79
	Rs	Rs	Rs	Rs
Military				
Nil.				
Other Services.				
Kurnool	-	150		
Nandial	-	25		
Cumbum	-	25	200	-
Total Other Services			200	-
Total Military and other Services			200	-

Imperial.
Buildings and Roads.

Madras.
Kurnool District.

Government of Madras.
Part II.

Detail of the Budget Estimate for Repairs, Imperial Buildings and Roads, for the year 1879-80.

Head of Classification	Division	Locality	Items	Estimate, 1879-80. Amount. Rs	Estimate, 1879-80. Total. Rs	Estimate, 1878-79. Amount. Rs	Estimate, 1878-79. Total. Rs
			Military				
			Nil				
			Other Services.				
			Civil Buildings				
Postal	Nandial	Nandial	Annual repairs to Post Office Building Nandial	50	50	125	125
Telegraph	Kurnool	Kurnool	Annual repairs to Telegraph Office Kurnool	150	150	575	575
			Total, Civil Buildings		200		700
			Total, Other Services		200		700

Imperial
Buildings and Roads

Madras.
Kurnool District.

Government of Madras.
Part II - continued.

Abstract by Divisions of the Grants provided above.

Head of Classification		Divisions Kurnool Rs	Nandial Rs	Total. Rs
Military.				
Nil.				
Other Services				
Civil Buildings				
Civil Buildings,	Postal.	-	50	50
——— Do ———	Telegraph	150	-	150
	Total, Civil Buildings	150	50	200
	Total, Other Services	150	50	200
	Total, Imperial	150	50	200

Imperial
Buildings and Roads.

Madras
Kurnool District.

Government of Madras.

Part I

Detail of the Budget Estimate of Original Works Imperial Buildings and Roads for the year 1879-80.

Nil.

Imperial
Buildings and Roads.

Madras
Kurnool District.

Government of Madras.

Part I - Continued.

Abstract of the Charges provided in Part I.

Nil.

Imperial.
Buildings and Roads.

Charges.

Madras.
Kurnool District.

Government of Madras.

Imperial Budget Estimate of Ordinary Expenditure of the Public Works Department, Buildings and Roads Branch. Kurnool, for 1879-80

Abstract of the Estimated Charges for Imperial Public Works in Kurnool for the year from 1st April 1879 to 31st March 1880.

	Reference to Detailed Estimate.	Budget Estimate, 1879-80	Budget Estimate, 1878-79	Regular Estimate, 1878-79.
	Page.	Rs	Rs	Rs
Military				
Nil				
Other Services.				
Civil Buildings Original Works	-	-	-	-
Repairs	5	200	-	700
Establishment	7	50	-	175
Tools and Plant	8	200	-	-
Total		450	-	875

Abstract of the Charges to be incurred by Public Works Department from Imperial Funds and Contributions as detailed within.

	1879-80					Budget Estimate, 1878-79.	Regular Estimate 1878-79.
	Original Works	Repairs	Establishment	Tools and Plant	Total		
	Rs	Rs	Rs	Rs	Rs	Rs	Rs
Provision from Imperial Funds.							
In India	-	200	50	200	450	-	875
In England	-	-	-	-	-	-	-
Total as above	-	200	50	200	450	-	875
Provision from Contributions							
In India	-	-	-	-	-	-	-
Grand Total	-	200	50	200	450	-	875

P.W. 187

Kurnool Distr

From,

The District Eng
Kurn

To,

The Chief Engine
for Buildings and
Roads
Madras

Dated 10th } Octobe
Rcd. 14th }

G.O. 1579

Imperial

Budget-Estimate

For 1879-80.

Gunjam District Engineer's
Office Chellerpore 4th Sept 78

No 52

137

From The District Engineer
Gunjam

To The Chief Engineer
B. & R.
Madras

Sir,

I have the honor to forward herewith Public Works Imperial Budget-Estimate of the Buildings and Roads Branch for the year 1879-80 with the following observations —

Encls. 1

1. New Works-Military — Works Nos 1 & 3.

1. Drainage of Native Infantry Lines at Berhampore —
2. Additional Bathing and Dressing room to the Armoury and workshop at Do —
3. Compound wall to Military Hospital Do —

These are Items Nos 1, 2 & 3 in the Rough Budget of the Current year submitted by me with the Office letter No 48 dated 29th August 1877. Plans and Estimates

of the first two works were sanctioned in Govt Nos 5135 & 1979 dated 31st July 77 & 3rd August 1876 respectively, and those for the 3rd work were submitted to the Brigadier General Commanding S. D. but not as yet received approved & sanctioned, and no provision has therefore been repeated in our Current year, and to avoid the necessity for separate allotments in the event of the works being undertaken by the Military Department Plan undertaken at once.

2. Other Services. Civil Buildings. Postal.

4 Constructing a 6th Class Post office at Kasumbagan.
5 Additions & Post Office at Berhampur

Item No 4. Plans and Estimates were submitted to the Post Master General but have not received sanctioned as yet

Item No 5. These additions have been proposed by the Post Master General in his letter dated 21st January 1878

for

for which Plan and Estimate have been submitted thereon for his sanction.
Provision of funds has been made in the Current year's Budget to avoid the necessity for Supplemental funds in the event of the two works being sanctioned.

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Salt works

6. Removing and reconstructing Police Huts near Gangam & Hoorna Salt Pans
7. Constructing a Masonry Bridge in lieu of the wooden Bridge between Gangam Pans and Chilka Canal
8. Cutting a channel from Detchanand No 2 Platforms down to the Sugar Channel
9. Constructing a Bungalow for the use of Police Inspector at Aashapada

Plans and Estimate for work No 6 are under preparation at the request of the Salt Deputy Collector Gangam dated 11th Feb 78 No 234 and the provision made in the Budget May stand till the work is sanctioned.

Plans and Estimates of work No 7 have already been submitted to the Salt Commissioner of Salt Revenue through the

the Collector, for his approval & sanction.
This is proposed to replace the wooden
Bridge over the Karaiyaddy Creek,
the wood work having become rotten
will not stand long. I therefore
recommend its early construction for
which provision has been made in this
Budget pending sanction of the work -
Plan and Estimate of work No. 8. 1910
sent to the Salt Commissioner by the
Salt Dy Collector, and I recommend
the work, if funds are available.
Work No. 9. This was proposed by
the Salt Deputy Collector the Executive
& the D. E. E., but I am not requested
for its Plan & Estimate and I know
nothing of the work -

Repairs — Civil — Rs 850
has been provided in the Budget same
as last year for Annual Repairs
to Military Buildings, House
Rent,

Rent and rates at Batticaloa — 38

Other Services — Civil Buildings: Post
Offices — Rs 400 has been provided
for Annual repairs to Post offices
in this District. I recommend the
provision be sanctioned, to avoid
separate allotments in each case of
a repair Estimate being sanctioned, 17
as is the case in the Current Year for
want of funds at my disposal

Salt Works — Item No 1. Rs. 200
1. Maintaining wooden Bridge
across Karaiyaddy, till the
masonry Bridge Complete
2. Repairing masonry &c. on
over Salt roads
3. Annual Maintenance
to Salt Cutcheries at
Gayam & Vaolai —
4. Do Do Horses &
Conveyances —
has been provided
for maintaining the
wooden Bridge
during the year,
till the masonry one
proposed to replace it
(see new work No 7)
is Completed &

Strongly recommend it —

Item No 2. Provision of Rs 600. has been
made

made for repairing the [illegible] Masonry Works with Cement, to proposed by me and approved of by the Collector when the Salt Department was under his orders -

Item No 374. Provision has been provided for annual Repairs of Salt Buildings in the District, to meet the demands of Salt Department from time to time -

I have the honor to be
Sir
Your most Obd. Servant

[signature]
Asst Engineer
in charge

139

No 1878 Ref.

From No 1065
The District Engineer
Ganjam

To The Chief Engineer
S.B.W.

Dated 4
Recd 5 } September 1878
Rec'd 14

A.52

Encls 1

Imperial Buildings & Road
Budget Estimate
Submitted for 1879-80.

Public Works Department

Imperial Budget Estimate of the Buildings

and Roads Branch

of the

Ganjam District of the Government

of

Madras

for the Year 1879-80.

140

Ganjam District Engineer's
Office Chatterpore
5th September 78.

District Engineer
Ganjam

5800 " " Collector of Ganjam letter 23 Sept

Head of Classification	Executive Division	Locality	Item No	Projects and Works	Amount of Estimate	Outlay Actual Expenditure 1877-8	Outlay Probable during 1878-79	Grant 1879-80 Annual	Grant 1879-80 Special	Item No	Remarks & References.
				Military							
Recommended for }	Berhampur	Berhampur	1	Drainage of Native Infantry Lines at Berhampur	1762	"	"	1762	"	1	G.O. No 513 W. dt. 31st July 1877 Imperial No 38 B. of 1877-78.
——do——	——do——	——do——	2	Adding Kitchens & Dressing rooms to the Armourers Workshop at Do	1125	"	"	1125	"	2	G.O. No 1979 dt. 3rd August 1876 Imperial No 48 B. of 1876-77.
——do——	——do——	——do——	3	Compound wall & Military Prisons	845	"	"	845	"	3	Estimate has been submitted & Brig. General Commanding S. D.
				Total Military	3732	"	"	3732	"		
				Other Services							
				Civil Buildings							
Postal	Chicacole	Rasseboga	4	Construction of a 6th Class Post Office at Rasseboga	1430	"	"	1430	"	4	Plans and Estimate have been submitted to the Post Master
——do——	Berhampur	Berhampur	5	Additions to Post Office at Do	450	"	"	450	"	5	Genl. dated Do Do
				Total Postal Buildings	1880	"	"	1880			
Telegraph	"	"	"	——Nil——	"	"	"	"	"	"	
				Total Telegraph Buildings	"	"	"	"	"	"	
Salt	Berhampur Ganjam & Chumb	Ganjam	6	Removing and reconstructing Pucka Hutts near Ganjam & Gomakotta Constructing Masonry Godowns in lieu of the Wooden ones at Berhampur Ganjam Pucka & Chicacole	2000	"	"	2000	"	6	Plans and Estimates are under preparation at the request of the Salt Dept. in his letter No 2344/11 Dt. July 78.
——do——	Ganjam	Ganjam	7		3800	"	"	3800	"	7	Plans and Estimates have been sent to the Salt Commissioner thro' the Collector of Ganjam on the 23rd Inst.
					5800	"	"	5800	"		

142

Total Salaries

Total Civil

Miscellaneous Public Services

Total

Total Miscellaneous Public Services

Total Other Services

" " 7145 " " " " Gas pipes & Retorts

" " 9025 " " " "

193

6025 " " 9025

Abstract of the Charges Provided in Part I

	Imperial Funds	Contributions	Total
Military	3732.	"	3732
Other Services			
Civil Buildings	9,025	"	9025
Miscellaneous Public Improvements	"	"	"
Total	12,757	"	12,757

Description	Division	Locality	Items	Amount	Total Amount
Lighthouses Beacons & Buoys	Bahamas	Bahamas	Annual Repairs	100	100 — 100
Miscellaneous	do	do	Annual Repairs	500	500 — 500
Military Contingencies	do	do	Annual Repairs	150	150 — 150
Military Establishment	do	do	Military Subordinates	50	
Medical Establishment	do	do	Medical Do	50	
					100 — 100
			Total Military		850 — 850
			Other Services		
Postal	do	Bahamas	Civil Buildings Annual Repairs &		
do	Agencies	Abaco	Postal Buildings	250	
		Abaco	do do do	150	
				400	—
			Cuttacon Emigrants	do — do — do	200
					1100 —
			Total Civil Buildings		1,500
			Miscellaneous Public Improvements		
Lighthouses Beacons & Buoys	Bahamas	Bahamas Sonapers Barwoods	Repairs & obeliskes		250
do	Agencies	Abaco Bowes Bassadus pass	do do do	150	
				400	— 350
			Total Miscellaneous P. Imps	400	— 350
			Total other Services	1,900	— 350

Roads Classification

	Berhampur	Chinaedo	
Military			
Ordnance works	100	"	100
Staff & Miscellaneous	500	"	500
Railway Maintenance Charges of Contonment roads	150	"	150
Rents of Buildings for Military Subordinates			50
Accommodation of Subordinates as well as Compensation for Rent of quarters — Medical ditto	50	"	50
	50	"	50
Total Military	850	"	850
Other Services			
Civil Buildings			
Civil Buildings Postal	250	150	400	
ditto Telegraph	"	"	"	
ditto Salt	900	200	1100	
Total Civil Buildings	1150	350	1500
Miscellaneous Public Improvements			
Light Houses	250	150	400
Total Misc. P. Improvements	250	150	400
Total Other Services	1400	500	1900
Total Imperial	2250	500	2750

Budget Estimate Establishment for Roads

Buildings & Roads for 1879-80

			Budget Estimate 1879-80	Budget Estimate 1878-79
Military				
Works	3732	25 per cent on the principal of Rs. 4582 for works and Repairs	1170	1145
Repairs	850			
	4582			
Other Services				
	Works	Repairs		
Civil Buildings	9025	1500	25 per cent on the principal of Rs. 10,925 for works and Repairs	2730	1172
Misc. Public Improvements	"	400		
	9025	+ 1900		
	10,925			
Total Military & Other Services			3,900	2317

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Class [illegible]

Budget Estimate for Roads and Plantations Buildings and Roads for 1879-80.

		New Supplies	Repairs & Damages	Budget Estimate 1879-80	Budget Estimate 1878-79
Military					
Engineers	Beckenham Division	"	80	80	80
	Chiseldon Division	"	"	"	"
Total Military		"	80	80	80
Other Services.					
Police	Beckenham Division	169	100	269	"
	Chiseldon Division	211	50	261	"
Total Other Services		380	150	530	"
Total Military & other Services		380	230	610	80

Imperial Buildings and Roads in the ordinary Imperial Budget Estimate of that year

	Stock	Stock purchases & Sales	Miscellaneous advances	London Stores	London Services	Total
Beckenham Division						
Actual balance on 1st April 1878	2843	"	"	"	"	2843
Probable Charges during 1878-79	657	"	"	"	"	657
Total	3500	"	"	"	"	3500
Probable Issues including Sales and Cash Credits during 1878-79	1500	"	"	"	"	1500
Probable balance on 1st April 79	2000	"	"	"	"	2000
Chiseldon Div.						
Actual balance on 1st April 78.	2558	"	"	"	"	2558
Probable Charges during 1878-79	942	"	"	"	"	942
Total	3500	"	"	"	"	3500
Probable Issues including Sales and Cash Credits during 1878-79	1500	"	"	"	"	1500
Probable balance on 1st April 79	2000	"	"	"	"	2000
Results { Increase / Decrease	1442	"	"	"	"	1442

Expenses of Buildings & Roads arranged by Departments

	Original Works	Repairs	Total Works & Repairs	Establishment	Tools & Plant	Stock & Purchases	Total 1879-80	Total 1880-81
Military								
Annual	3732	850	4582	1170	80	"	5832	850
Special	"	"	-	-	-	-	-	-
	3732	850	4582	1170	80	"	5832	850
Other Services								
Civil Buildings								
Postal	1880	400	2280					
Telegraph	"	"						
Salt	7145	1100	8245	2730	530	"	14185	3500
Civil Public Improvements								
Light Houses	"	400	400					
Total	9025	1900	10925	2730	530	"	14185	12000
Grand Total	12757	2750	15507	3900	610	"	20,017	12850

Richd Strachey
Director of Public Works Department

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P. W. D.

Proceedings of the Madras Government

Read the following

From the Dt. E. Gangam (H. C. No. 52 dy 4th Sept: 1878)
" dy Vizagapatam (" " dy 27th " do ")
" dy Ootacamund (" No 2132 dy 30th " do ")
" do Kistna (" " dy 21st " do ")
" dy do Nellore (" " dy 12th Oct: 1878)
" do Cuddapah (" " dy 2nd do ")
" do Kurnool (H. C. No " dy 10th do ")
" do Bellary (" Do " dy 10th do ")
S. E. 3rd Circle (" No 4084 dy 11th Nov: 1878)
" do do (" No 4259 dy 21st do ")
" do do (" No 4924 dy 19th Dec: 1878)
D. E. Bangalore (" No 187 dy 30th September ")
" do Salem (" " dy 28th August ")
" do Tanjore (" No 2547 dy 28th October ")
" do Trichinopoly (" " dy 28th August ")
" do Coimbatore (" " dy 6th Sept ")
" do Nelgire (" " dy 12th October ")
" do Malabar (" " dy 20th Sept ")
" do South Canara (" " dy 17th do ")
" do Madura (" " dy 12th do ")
" do Tinnevelly (" " dy 21st do ")
The Consty: Architect to Govt. (" Do 5003 dy 11 Dec ")
2nd Mr. Genl: of the Army (" No 9062 dy 5th do ")
do do (" No 65 dy 22nd Jany 1879)
Commissioner of Salt Revs: (" No 1904 dy 4th do ")
do do (" 396 dy 22nd do ")
Govt. of India (H. C. No 774-91 Rly. dy 7th Dec: 1878)
do (" No 772-867 Rly. dy 7th do ")
Telegram from do (" " dy 13th November 1878)
" do (" " dy 10th December ")
" do (" No " dy 14th do ")
" do (" " dy 8th January 1879)

List of Salt Works selected by the Salt Commissioner from that forwarded by the Chief Engineer of works to be executed by the Public Works Department in 1879-80

District	No	Locality	Projects Description	Amount of Estimate	Expenditure up to 31st March 1879	Estimate 1879-80	No	Remarks or References
			Original Works Salt	Rs	Rs	Rs		
Ganjam	1	Ganjam	Constructing masonry bridge in lieu of the wooden bridge between Ganjam pans and Chilka Canal	.	.	2800		The Estimate has already been prepared and was returned to the District Engineer with the Commissioner's letter No 1333 dated September 21 1878. The existing bridge being in a very bad state and being the only means of communication between the platform and a certain portion of the pans this work cannot be postponed.
Godavery	2	Penugudura	Metalling and gravelling salt roads	.	.	3000		These roads are now in such a state as to greatly impede the Salt Traffic
Kistna	3	Pandraka	Police Lines	4,507	2,000	2,500		G.O. No 3028 W of 29th July 1878 Item No 33 of Budget of 1878-79
Do	4	Nizampatam	Do	3,562	2,000	1560		Do Do Item No 32 of Budget of 1878-79
Do	5	Chinnaganjam	Do	4,582	2,000	2580		Do Do Item No 31 of Do.
			Carried over			13,440		

			Brought forward			67,400	Office building and present required See G.O.s August 13 and October 14 1879 Nos 824 W and 399 W respectively
Salem	16	Morekelum	Construction of tunnels and side drains on the cross road from Morekelum Station to the road between Madura and Ramnad	3450	2000	1450	Proceedings of the Board of Rev. No 3414 of 28th April 1875 Item No 47 of Budget of 1878-79
					Total	68,850	

Minor Works

Ganjam	17	Ganjam	Cutting a channel from ditch around No 2 Platform down to old Engineer's Channel			345	Estimate will be returned to the District Engineer countersigned

Repairs

Ganjam	18	Ganjam	Maintaining wooden bridge across Corriegedda till the masonry bridge			200	
Ganjam	19	Do	Repairing masonry works over salt roads and channels at Ganjam			500	Estimate returned to the District Engineer countersigned with my letter No 1643 dated 12th November 1878.
Do	20	Do and Ichapore	Annual maintenance to Salt Cutcheries at Ganjam and Surla			200	
Do	21	Nowpada and Wonerawilly	Do Do at Nowpada and Wonerawilly			200	
Kistna	22	Pandraka	Annual repairs to Superintendent Cutchery at Pandraka			200	
Do	23	Manganapudi	Do Do at Manganapudi			200	
Do	24	Do	Do Do to Police lines at Do			400	
Madura	25	Madura	Annual repairs to Depots and Superintendents Cutchery			150	
					Total	2,050	
			Carried over			71,245	

Brought forward	71.245
Reserve at about 11 per cent.	8755
Grand Total	80,000

Salt Commissioner's Office
Madras 4th December, 1878

Commissioner of Salt Revenue

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N° II

List of Salt Works excluded by the Salt Commissioner from that sent by the Chief Engineer of works to be executed by the Public Works Department in 1879-80

District	N°	Locality	Projects Description	Amount of Estimate	Amount of Estimate submitted with the Chief Engineer's letter dated 31st March 1879	Estimate 1879-80	Remarks or References
				Rs	Rs	Rs	
			Original Works				
			Salt				
Ganjam	1	Ganjam	Removing and reconstructing Police huts near Ganjam and Hooma Salt pans			2,000	Estimate awaited
Godavery	2	Peniguduru	Canal from the Coconada Canal to the Salt pans	104000		40,000	G.O. N° 2776 of 17th October 1878 N° 200 of 22nd January 1877 and N° 1238 P.W. 11th March 1878
Kistna	3	Masulipatam and Manganapudi	Excavating a navigable canal from Masulipatam to Salt Kottaur at Manganapudi	68580		20,000	G.O. N° 1598 of 19th September 1874 R.D. " 180 of 26th Oct" " " 173 of 23rd Nov" P.W.D " 45 of 4th Jan" 78 R.D " 2081 of 2nd Dec" 77 P.W.D
Nellore	4	Summalapenta	Making a road from the Trunk road near Kavali to Summalapenta Salt platform		15000	8,500	Estimate awaited. No steps should at present be taken with regard to this work as the abolition of Summapenta Division is in contemplation.
			Carried over			70,500	

			Brought forward			70,500	
Nellore	5	Bezwangunta	Making an approach to the new salt platform		1000	3,000	Estimate awaited. Item No 37 of Budget of 1878-79
Do	6	Do	Do from Bezwangunta to Devarampadu		1000	3,000	Estimate awaited. Item No 38 of Do. Act requires as the abolition of Devarapad station has been recommended to Government (vide Board's Proceedings No 3099 dated 21st November 1878).
Do	7	Do	Palisade with stone pillars in Chennamu and Palmyra rails to three salt platforms		1500	3,000	Estimate awaited. Item No 39 of Do. Act required in my opinion, pillars and rails being better and cheaper fences than palisades.
Do	8	Kamparla	Salt road from 198 miles of Great Northern road to Kamparla			5,000	Estimate awaited. The abolition of Kamparla Division is very probable. Expenditure on a road should be examined until the question is determined.
Chingleput	9	Cooum	Rebuilding the Salt Superintendent's office on the Beach			2,500	Estimate returned to the Superintending Engineer 3rd Circle countersigned with my letter No 1830 dated 27th November 1878.
South Arcot	10	Merkanam	Head sluice to the Chunampet Brine supply channel			2,000	Estimate awaited
Tanjore	11	Negapatam	Constructing Police huts for one Head Constable and twenty constables		7,620	7,600	G.O. No 2921 M. 13th July 1878
Madura	12	Attenkarai	Cutting a channel from the sea to the pans for supplying sea water for the manufacture of Salt		2,000	2,000	Estimate awaited. Item No 48 of Budget of 1878-79. The project has been abandoned on the advice of the District Engineer
				Total		98,600	

Minor Works

Tanjore	13	Nowpada	Constructing a bungalow for the use of the Police Inspector		1,100	Estimate awaited
Kistna	14	Mangarapatti	Police Lines	590	590	G.O. No 3028 M. 9th July 1878
Nellore	15	Dugarajapatam	Constructing watch towers on the Salt platform		730	The project may be considered as abandoned the Inspector General of Police agreeing with me that watch towers on Salt Platforms are useless. In any case, the expenditure proposed would have been much in excess of requirements as perfectly efficient watch towers can be built on palmyra posts for Rs 25 or 30 each
Do	16	Kamiparla	Constructing watch tower on No 2 Platform at Kamiparla		750	See above remark
Do	17	Do	Erecting masonry water sheets on the Salt Platform No 4		1,380	Estimate returned countersigned vide my letter No 1518 dated 29th October last
			Carried over		4,450	

			Brought forward	4450	
Nellore	18	Degunajapatam	Renewing the Salt Cutcherry	1500	Estimate awaited
Nellore	19	Vattamunny	Constructing 4 Police huts	1200	Do
Do	20	Do	Rebuilding a tunnel on the branch road which was destroyed by floods and through which sea water brine is supplied to the beds	314	Provided for in the Departmental Budget
			Total	7464	

Repairs

Vizagapatam	21	Batachirava	Salt road from the 2nd mile of the road from Vizagapatam to Bowdura to Batachirava via Gajukuka	1900	All these repairs have been provided for in the Departmental
Do	22	Karaya	Do from the Karaya platform to the 6th mile stone of the road from Vizagapatam to Bowdura via Gopalapatam 2½ miles	300	
Do	23	Bimlipatam	Salt road from the Bimlipatam platform to Chittivalsa 1 mile	200	
Vizagapatam	24	Locality not known	Salt road from Kopperla to Kondavalsa 4 miles	1000	Budget
Chingleput	25		Imperial charge of maintenance of Buckingham Canal within Chingleput limits, based on the average expenditure of the past five years	7000	I exclude this item because, as the Salt Department pays toll on all the Salt it carries over the canal, I see no reason why it should contribute further towards its upkeep any more than the people who use the canal to bring fire wood into Madras and who also pay tolls. Besides the Salt Department has to contribute next year Rs 17000 towards opening the Ennore bar which will facilitate navigation as much as salt manufacture.
Tanjore	26		Do Do Vedaraniam Canal	5400	This canal is supported from Canal Funds (vide G.O. November 1, 1877 No 6244 R.D.) The Salt Department also
			Carried over	14900	

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Madras 24 December 1878

Commissariat Office

Remarks.

Jan-

Brought forward	14,900	Assuming from all the data named by the Board in their letter No 1 dated 5th inst as to what the Estimate should make provision for contingencies & the actual Estimate
Total	14,900	
Grand Total	17,096	

QUARTERMASTER-GENERAL'S OFFICE,
Head-quarters, Fort St George
15th December 1879.

No. 9065

From

BRIGADIER-GENERAL H. O'CONNELL,
Quartermaster-General,

To

THE Chief Engineer
Public Works Department
Madras.

SIR,

In returning the List received with your No. 5761 dated 22d Ultimo, I have the honor, by order, to state that the Acting Commander of the Forces approves of the Works selected for entry in the Budget of 1879-80, with the exception of "Gunpowder Magazine at the Butts near the Gun and Mortar Batteries, St. Thomas' Mount Rs. 5,000." These Butts are not required at present and the item may be struck out.

2. It is suggested that the Amount be apportioned towards "Alterations to forty three Stables Coopoor," Project No. 19 in list published in G.O. Public Works Department 15th October 1878 No. 4020. W.

3. I regret the delay in replying to your Letter. It has been caused by the necessity for reference to another Department.

I have the honor to be,
Sir,
Your obedient Servant,
H O'Connell Brig. General
Quarter Master General

To
The Commissariat Officer
Madras

To the Chief Engineer
Public Works Department
Madras

Public Works Department
Despatches
Received
Dec. 1879

Copied

Account
Correspondence Department.

No. A 1904

OFFICE OF THE COMMR. OF SALT REVENUE,
Madras,
Dated 4th December 1878.

From
H. W. BLISS, Esq.,
Commissioner of Salt Revenue,

To *Colonel E. A. Foord R.E.*
Chief Engineer
Public Works Department
Madras

SIR,

Referring to your letter No. 5,184 dated November 16, 1878, I have the honor to enclose two lists of

1st Salt Works selected by me from the list forwarded therewith to be executed in 1879-80 by the Public Works Department; and

2nd Salt Works excluded by me with the reasons for exclusion where they are not merely want of funds

2. In the first list I have included one work (Item No 11, Head Sluice to the Merkanam supply channel) not included in your list, but included in the list forwarded by me to you with my letter No. 1425 dated 18th October 1878.

3. I send the second list as it contains some

some debatable items (e.g. the maintenance of the Buckingham and Vedaraniam Canals, Items Nos 24 and 25) with regard to the exclusion of which from next year's Budget I think it advisable that my views should be on record.

4. I regret the delay which has occurred in replying to your letter and which is due to the necessity of a reference to the Superintending Engineer, 3rd Circle, with regard to his estimate of Rs 17,000 for the Ennore Bar, of his proposals regarding which I was quite ignorant until I saw the entry in the list.

I have the honor to be,
Sir,
Your most obedient Servant
[signature]
Commissioner of Salt Revenue

Ref. 1878

Ennore Bar

Dated 6th Dec 1878
Received 8th Dec 1878
No. 1878

Endorsement
Subject.
Forwarding Copy of a letter from the Superintending Engineer, 3rd Circle, dated 4th inst. with its enclosure, regarding the proposed expenditure of Rs 17,000 on the Ennore Bar.

Brought forward ____ 21450

Barracks & Hospitals for one Battn (including regimental Institutes, Married Lines, one Mess House, Quarter Guard, Cook Houses, Latrines, Ablution Benches for Lavatories and Bathing Places, Drainage and Metalled Roads) at the Quarries Kirkee Factory ____

Estimate awarded.

Landing Quay reaching quarters of Artillery & Depôt Barracks for Artillery at Kirkee Workshops and Stores adjacent to do ____ 1070

Sanctioned by Govt of India Register No 8 Mil Dept of 15th Jan 1874 Item No 73 of 12th June 1874. Item No 13 of Class B Works of Budget for 1874-75

1070 Estimate awarded.

Thoroughfare Store Double storied Barracks for 100 men with Mess Houses ____ 62,400
New Quarters for 20 families with do ____ 7120
do ____ for Apothecary ____ 1870
Alterations existing buildings & demolitions ____ 18470
274810
Deduct value of old materials ____ 4305
270505

1260 Estimate awarded for 23rd of 28th May 1874 vide No 2317 of 6th Sept of 2 Letters

Defence Magazine at Kirkee with Defence Quarters for Officer in charge & Subordinate Establishment & Guard Room ____

Sanctioned by Govt of India Register No 33 Mil Dept of 15th Oct 1874 Item No 15 of Budget for 1874-75 Estimate awarded 1877

2000 Estimate awarded.

Sanctioned by Govt of India Register No 8 Mil Dept of 15th Jan 1874 Item No 5 of Budget for 1874-75

Estimate awarded 1877

Drainage of Native Infantry Lines ____ 14400 13000 ~~1400~~ Balance of Estimate for Rs 126 of 2nd May 1873 Items No 21 of Budget for 1878-79

Improvements to Dumbar Land ____ Approximate 20000 " 10000 for Rs 10524 of 25th Febry 1876 Detailed Estimate awaited. Item No 17 of Budget for 1878-79

Belgaum 13 Bath rooms to Wash houses at Wellington ____ 3120 " 2000 for Rs 1472 of 4th June 1874 Item No 5 of Class C Works of Budget for 1878-79

Malabar 14 Converting one of the disused Artillery Stables into a Bakery for the use of the troops ____ " " 7000 Estimate awaited.

15 Latrines & dry earth work stores for one Native Infantry Regiment at Cannanore ____ " " 7100 ____ do ____

237320

For Incomplete Works of 1878-79 and Minor Works costing less than Rs 2500 each ____ " " 20915

270000

588235

Establishment ____ " " 147059

Tools & Plant ____ " " 14706

Grand Total 750000

Nos. 774—91 A—G.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.

General.

Fort William, December 7, 1878.

Distribution of the amount provisionally assigned as the *Imperial Public Works* grant for *"Other Services"* for 1879-80.

Read the following papers :—

Letter from the Secretary to the Government of India, Financial Department, No. 2733, dated 31st August 1878.

Letter from the Director General of Telegraphs in India, No. 226 A—T, dated 6th September 1878.

Letter from the Director General of Post Offices, No. 5906, dated 7th September 1878.

Letter from Secretary to Government of Bombay, No. 195A—1321, dated 11th September 1878.

Letter from Secretary to Resident, Hyderabad, No. 343 G—A, dated 11th September 1878.

Letter from Secretary to Agent, Governor General, Central India, No. 3368, dated 29th September 1878.

Letter from Secretary to Chief Commissioner, Coorg, No. 1449—2530 A—G, dated 3rd October 1878.

Letter from Secretary to the Government of Bengal, No. 123 T, dated 5th October 1878.

Ditto ditto to Agent, Governor General, Rajputana, No. 2478, dated 5th October 1878.

Letter from Secretary to Chief Commissioner, British Burman, No. 4634—11 G—A, dated 8th October 1878.

Letter from Secretary to Government of North Western Provinces and Oudh, No. 1439A—C, dated 9th October 1878.

Letter from Secretary to Chief Commissioner, Central Provinces, No. 5315, dated 11th October 1878.

Letter from Secretary to Chief Commissioner, Assam, No. 1213, dated 12th October 1878.

Ditto ditto to Government of Madras, No. 4021 W, dated 15th October 1878.

Letter from Secretary to Government of Punjab, No. 7128 C, dated 18th October 1878.

Telegram from Government of Madras, dated 28th October 1878.

Letter from Chief Commissioner, Port Blair and Nicobars, No. G 717—814, dated 4th November 1878.

	Rs.
RESOLUTION.—The total of the amounts demanded by the several Local Governments and Administrations for 1879-80 for Imperial Public Works under "Other Services," is	42,88,002
exclusive of the amount provisionally sanctioned in Public Works Department letter No. 759 A—G, dated 15th November 1878, for expenditure in the Simla Imperial Circle, *viz.*	3,70,000
... ...	46,58,002
The total therefore is	31,78,187
against the corresponding grant for 1878-79 of	
which it consequently exceeds by	14,79,815

2. One distribution of the demands above referred to, aggregating Rs. 42,88,002, is shown in the following table :—

Works and Repairs.	Madras.	Bombay.	Bengal.	North Western Provinces and Oudh.	Punjab.	Central Provinces	British Burmah.	Assam	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Telegraph works ...	1,25,000	23,000	31,555	16,770	40,000	12,900	6,300	11,000	2,86,425
Postal ...	72,500	48,700	53,025	56,410	32,500	10,750	12,200	12,000	2,97,085
Opium ...	...	...	55,956	1,82,730	...	...	...	...	2,38,685
Mint and Currency ...	...	13,100	1,28,453	100	...	...	...	...	1,41,653
Salt works ...	1,97,550	2,50,000	16,000	...	...	...	...	...	4,63,550
Customs ...	...	...	...	6,524	20,000	900	...	...	27,424
Government of India Buildings ...	...	...	12,000	...	...	...	...	...	12,000
Viceregal Buildings ...	...	...	1,41,190	...	...	...	...	...	1,41,190
Bourkee College Buildings ...	...	...	...	22,382	...	...	...	...	22,382
Political Buildings ...	...	...	...	...	...	...	6,000	2,000	8,000
Harbours and Navigation ...	...	3,25,000	...	...	...	...	...	...	3,25,000
Light-houses ...	85,040	2,000	8,625	...	...	...	8,500	...	1,04,165
Educational Buildings ...	...	...	1,500	...	...	...	...	...	1,500
Treasury ...	...	...	2,900	...	...	...	...	...	2,900
Surveyor General's Office ...	...	...	1,000	...	...	...	...	...	1,000
Museum Buildings ...	...	...	2,500	...	...	...	...	...	2,500
	4,80,090	6,73,200	4,54,414	2,62,935	1,01,500	24,550	32,900	25,000	20,57,589
Establishment ...	1,18,772	1,54,700	1,04,853	66,481	25,500	6,187	7,600	6,250	4,90,923
Tools and Plant ...	11,876	9,900	6,231	2,989	1,000	450	...	372	33,891
Establishment, Thomason Civil Engineering College and Press ...	...	...	...	2,38,151	...	...	...	...	2,38,151
Total ...	6,10,738	8,37,800	5,65,498	5,02,556	1,28,000	31,187	40,500	31,622	29,07,914
Add for Churches and Burial-ground under the Inspector General of Military Works ...									1,43,000
„ Hyderabad ...									29,000
„ Rajputana ...									3,81,055
„ Central India ...									0,61,500
„ Coorg ...									1,35,925
„ Port Blair ...									1,31,611
Total ...									42,88,002

3. To show the amounts by "Departmental" heads, the demands may be re-grouped as follows :—

Works.		Establishment.		Tools and Plant.		Establishment.		Repairs.		Total.	
		Demand, 1879-80.	Grant, 1878-79.	Demand, 1879-80.	Grant, 1878-79.	Demand, 1879-80.	Grant, 1878-79.	Demand, 1879-80.	Grant, 1878-79.	Demand, 1879-80.	Grant, 1878-79.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Madras ...	...	4,80,090	4,80,090	11,876	9,323	1,18,772	1,18,772	6,10,738	6,10,738	6,10,738	5,71,295
Bombay ...	...	6,66,200	6,66,200	9,900	2,120	1,54,700	1,54,700	8,37,800	8,37,800	8,37,800	8,66,160
Bengal ...	...	3,44,714	3,44,714	6,231	4,041	1,04,853	1,04,853	5,65,498	5,65,498	5,65,538	5,74,750
North Western Provinces and Oudh ...	...	2,05,173	1,32,436	2,989	...	66,481	66,481	5,02,556	5,02,556	5,02,556	4,58,030
Punjab ...	...	69,500	25,500	1,000	1,000	25,500	25,500	1,28,000	1,28,000	1,28,000	72,000
Central Provinces ...	...	23,000	23,000	450	1,970	6,187	6,187	31,187	31,187	31,187	31,157
British Burmah ...	...	33,000	33,000	...	...	7,600	7,600	40,500	40,500	40,500	40,500
Assam ...	...	25,000	25,000	372	279	6,250	6,250	31,622	31,622	31,622	23,529
Hyderabad ...	...	15,000	15,000	...	...	...	...	25,000	25,000	25,000	31,500
Rajputana ...	...	17,793	17,793	2,389	2,389	66,481	66,481	2,38,151	2,38,151	2,38,151	2,51,052
Central India ...	...	1,74,604	1,26,180	2,000	2,000	66,481	66,481	2,38,151	2,38,151	2,38,151	3,00,020
Coorg ...	...	64,350	55,100	1,000	1,000	25,500	25,500	1,28,000	1,28,000	1,28,000	4,20,660
Port Blair ...	...	73,577	43,735	1,000	1,000	25,500	25,500	1,28,000	1,28,000	1,28,000	1,35,000
Inspector General ...	...	76,000	82,435	...	...	...	...	...	...	...	68,710
											1,35,150
Total ...		33,04,999	11,97,180	37,336	25,118	7,56,197	7,56,197	33,04,707	33,04,707	33,04,707	43,89,002

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4. The Government of India regrets that it is not in a position to sanction any increase over the current year's grant much less the large increase of Rs. 14,79,815 which the demands involve; and the budgets under "Other Services" for 1879-80 must be prepared for the grants sanctioned for the purpose for 1878-79. This restriction has been definitely imposed by Public Works Department telegram dated 13th November 1878, which has also left it to the Local Governments and Administrations concerned to make the detailed distribution of their grants.

5. Dealing with the several schedules, the following points call for notice :—

Telegraph works.—The requisitions of the Director General of Telegraphs have been fully provided for by the several Local Governments and Administrations except in the following cases :—

(*a*).—Signallers' quarters, &c., at Simla—

	Rs.
Director General's demand	10,000
Provided for by Punjab	*nil.*

This provision has been omitted by the Government of the Punjab against next year as it has been made instead for this year, an additional grant of Rs. 12,650 having lately been sanctioned for the completion of the work in 1878-79.

(*b*).—Signallers' quarters, Ajmeh—

	Rs.
Director General's demand	3,447
Provided for by Rajpootana	1,500
Less provided for ...	1,947

This reduction from next year is due to provision having been made by the Local Administration to spend that sum during 1878-79.

(*c*).—Shingling roof of Dhubri Telegraph Office—

	Rs.
Demand of Director General	2,500
Provided for by Assam	5,000
Excess provision ...	2,500

No explanation is given of this excess provision. If it is considered necessary to provide the sum of Rs. 5,000 in next year's budget, an explanation should be furnished.

Customs Buildings.—The Government of India, in the Revenue, Agriculture and Commerce Department, lately sanctioned an estimate, amounting to Rs. 24,804, for certain Customs Buildings at Sambhar. In order to admit of the completion of these buildings this year this Department sanctioned a special grant of Rs. 24,804. The Rajpootana schedule shows the probable expenditure during 1878-79 at Rs. 22,000, and provides Rs. 2,500 for outlay in 1879-80. Every endeavour, however, should be made to complete the work in 1878-79 so as to utilise fully the grant assigned.

Establishment.—In the North Western Provinces the charge to Imperial funds for work done for it by Provincial Establishment should, under rule, be calculated at the rate of 20 per cent. on works and repairs. In the North Western Provinces schedule of demands for 1879-80, however, the establishment charge has been calculated at the rate of 25 per cent. on the estimate for works and repairs. In framing the budget for 1879-80 the correct percentage should be adopted.

6. It cannot at present be stated what grants will be required for the Lahore and Peshawur Road and for Civil Buildings at Quettah, the requirements for which, therefore, will be considered on receipt of the regular detailed budgets for the ensuing official year.

7. In order to enable the Government of India to fully consider and determine the grants to be finally passed for 1879-80, care should be taken that the detailed budgets, based on these orders, are submitted so as to reach this office *without fail* by the 1st January 1879.

ORDER.—Ordered, that this Resolution be communicated to the Governments and Administrations noted in the margin, to the Inspector General of Military Works, and to the Superintending Engineer Simla Imperial Circle, for information and guidance.

The Governments of Madras, Bombay, Bengal, North Western Provinces and Oudh, and Punjab, in the Public Works Department, General Branch.
The Chief Commissioners, Central Provinces, British Burmah, Mysore and Coorg, and Assam.
The Resident, Hyderabad.
The Agents to the Governor General for Central India and Rajputana.
The Superintendent of Port Blair, and Chief Commissioner, Andaman and Nicobar Islands.

Ordered also, that a copy be forwarded to the Foreign Department and to the Agent Governor General, Biluchistan, for information; also to the Director General of Telegraphs, and to the Financial Department, for information and for communication to the Director General of Post Offices.

A. Macdonnell

Depy. Secy. to the Govt. of India.

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No 774 A.S.

To the Secretary
to the Govt. of Madras
P.W.D.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.

General.

To —

Nos. 774—91 A—G.

Dated December 7, 1878.

Received

Distribution of the amount provisionally assigned as the *Imperial Public Works* grant for *Other Services* for 1879-80.

No. 806, P. W. D. Press—7-12-78—340.

Enclosure to P. W. D. Resolution Nos. 792—807 A—G of 1878.

DETAIL BY *Department* HEADS OF THE DEMANDS FOR 1879-80 FOR MILITARY WORKS.

	DEMAND, 1879-80.						Provisional allotment for 1879-80.
	Works in progress.	New works.	Minor works.	Total works.	Repairs.	Establishment.	Tools and Plant.	Barrack Department.	Total.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
I.—Demands for Native troops in the stations under the Public Works Department of Bengal, North Western Provinces and Oudh, Punjab, Assam, and Coorg—										
Bengal	3,830	19,066	6,000	28,896	30,950	14,062	808	...	75,706	61,256
North Western Provinces and Oudh ...	9,000	1,63,500	5,984	5,984	15,000	4,197	815	...	25,496	25,496
Punjab	30,500	24,500	40,000	2,12,500	1,16,000	82,200	3,300	7,000	4,21,000	4,21,000
Assam	...	...	12,000	67,000	21,000	22,000	1,320	1,250	1,13,570	45,471
Coorg	...	...	3,000	3,000	7,000	5,193	362	...	15,555	13,000
	43,330	2,07,066	66,984	3,17,380	1,89,950	1,26,252	6,105	8,250	6,48,327	5,66,217
II.—Demands for European and Native troops of the Madras and Bombay Armies, and for Native troops in other Provinces—										
Madras	1,09,200	3,90,800	1,50,000	6,50,000	2,50,000	2,25,000	22,500	...	11,47,500	6,96,712
Bombay	6,65,700	38,65,100	1,50,000	38,70,800	4,80,600	10,10,000	65,000	...	54,15,800	15,73,840
Central Provinces	62,800	2,33,300	40,500	3,36,700	77,000	1,06,050	5,550	14,500	5,39,800	4,38,270
British Burmah	...	60,000	33,000	1,95,000	1,07,000	69,000	4,000	...	8,75,000	2,90,250
	8,37,700	45,49,200	3,73,500	57,52,500	8,14,600	13,10,050	97,050	14,500	79,78,300	30,99,072
Hyderabad	3,01,000	99,300	50,000	4,50,300	2,50,000	93,500	5,500	...	6,09,300	3,50,000
Rajputana	...	84,700	23,000	1,07,700	60,000	70,000	2,000	...	2,42,248	2,07,700
Central India	1,48,000	1,73,000	35,000	3,56,000	70,000	63,548	2,000	...	6,35,000	3,25,030
Port Blair	3,250	3,130	4,000	10,380	3,000	1,00,000	3,000	...	3,70,000	3,70,000
	4,52,950	49,09,330	4,85,500	58,47,880	11,23,000	16,76,098	1,10,550	14,500	88,80,928	42,40,982
III.—Demands for works under the Inspector General—										
Military Works	11,18,500	12,76,500	5,30,000	29,25,000	24,00,000	17,00,000	1,40,000	6,30,000	77,55,000	72,65,500
GRAND TOTAL ...	81,34,770		10,84,484	92,19,260	37,12,950	34,90,620	2,16,745	6,52,750	1,72,92,325	1,20,72,699

a See detailed in demand schedule.

No. 858, P. W. D. Press—7-12-78—360.

Ed—F. A. B.

Nos. 792—807 A—G.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.

General.

Fort William, December 7, 1878.

Distribution of the amount provisionally assigned as the grant for *Military Public Works* for 1879-80.

Read the following papers:—

Letter from Secretary to Government of Madras, No. 4021 W, dated 15th October 1878.

Telegram from Secretary to Government of Madras, dated 28th October 1878.

Letter from Secretary to Government of Bombay, No. 195 A—1321, dated 11th September 1878.

Ditto ditto of Bengal, No. 122 T, dated 5th October 1878.

Ditto ditto. North Western Provinces and Oudh, No. 1439 A—G, dated 9th October 1878.

Ditto ditto of Punjab, No. 1128 C, dated 18th October 1878.

Letter from Chief Commissioner, Central Provinces, No. 5315, dated 11th October 1878.

Ditto ditto, British Burmah, No. 4634—110 A, dated 5th October 1878.

Ditto ditto. Assam, No. 1218, dated 12th October 1878.

Letter from Resident, Hyderabad, No. 343 A—G, dated 11th September 1878.

Letter from Agent, Governor General, Rajputana, No. 2478, dated 5th October 1878.

Ditto ditto, Central India, No. 3363, dated 29th September 1878.

Letter from Chief Commissioner, Coorg, No. $\frac{1449}{2330}$ A—G, dated 3rd October 1878.

Ditto ditto. Port Blair, No. $\frac{G\ 716}{818}$, dated 4th November 1878.

Letter from Inspector General, Military Works, No. 7459, dated 9th October 1878.

RESOLUTION.—As intimated in Public Works Department telegram dated 13th November 1878, the grants for Military (Public) Works* for 1879-80 have been fixed provisionally at the same amounts as those allotted for the current official year. With the exception of the North Western Provinces and Oudh, Rajputana, and Port Blair, the demands made are more or less greatly in excess of the grants for 1878-79, but it is regretted that financial considerations will not permit, of the annual allotments being increased. The detailed budgets should accordingly be prepared for the assignments telegraphed, and be submitted so as to reach this office, *without fail*, by the prescribed date, *viz.*, the 1st January next. This is absolutely necessary in order to enable the Government of India in this Department to fully consider and submit the general Public Works Budget for 1879-80 to the Financial Department by the required date.

* See Table appended.

2. The demands of the Government of the North Western Provinces and Oudh, and of the Agent Governor General Rajputana, and the Superintendent Port Blair, fall short of the grants for 1878-79 by Rs. 14,504,† Rs. 94,782,† Rs. 17,910,† respectively. This circumstance was overlooked in telegraphing the figures on the 13th instant; those telegrams should accordingly now be considered as annulled, and the budgets prepared for the amounts of the demands, *viz.*, Rs. 25,496, Rs. 2,43,248, and Rs. 23,389.

	N. W. P. and Oudh.	Rajputana.	Port Blair.
	Rs.	Rs.	Rs.
†Grant for 1878-79 ...	40,000	3,38,030	41,299
Demand for 1879-80 ...	25,496	2,43,248	23,389
	†14,504	†94,782	†17,910

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3. In the schedule of the Government of the Punjab Rs. 10,000 have been included for the maintenance of the Rawal Pindee and Koshalgurh Road. This outlay will be adequate for the purpose in view, but it may be remarked that it is in contemplation to improve the standard of the road, and that the means for providing funds for the purpose are now under consideration.

4. The views of the Government of India in the Military Department, and of His Excellency the Commander-in-Chief of the Army, in respect to the budget programme of Military Works for 1879-80, have already* been communicated to the Inspector General of Military Works, and should guide the preparation of his regular detailed budget which, as has above been remarked, is due in this Office on the 1st of January next.

* Public Works Department No. 754 A—O. dated 14th November 1878.

ORDER.—Ordered, that this Resolution be communicated to the Local Governments and Administrations noted in the margin, and to the Inspector General of Military Works for information and guidance, and to the Military and Financial Departments for information.

The Governments of Madras, Bombay, Bengal, North-Western Provinces and Oudh, and Punjab, in the Public Works Department, General Branch.
The Chief Commissioners, Central Provinces, British Burmah, Mysore and Coorg, and Assam.
The Resident at Hyderabad.
The Agents of the Governor General for Central India and Rajputana.
The Superintendent of Port Blair, and Chief Commissioner, Andaman and Nicobar Islands.

H. M. Lee Warner

Depy. Secy. to the Govt. of India.

No 792 M.S.

To the Secretary to the Govt. of Madras
Public Department.

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P.W. 1878 Sept

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.

General.

To e-P. 13964

Nos. 792—807 A—G.

Dated December 7, 1878.

Received 16th Dec

Distribution of the amount provisionally assigned as the grant for Military Public Works for 1879-80.

No. 858, P. W. D. Press—9-12-78—250.

TRAFFIC CODE FORM CI.

Class. INDIAN TELEGRAPH. Local No. 2247

To (Station) Madras

From (Station) Simla

Words. 36/14

Time tendered for transmission. (Madras time.) Day. 13 H. 14 M. 45

Official Instructions.— 163

To (Person) Madras works

From (Person) works

Grants for military works and services are fixed for 1878-79 hereby at corresponding allotments this left to local administration please prepare budget

Recd. from (L. L.)

At H. M., on the

By

Sent to (L. L.)

At H. M., on the

By Telegraph Master

Date MADRAS 13-11-78

(P. 1)—Govt. Central Press. No. 81 G. M. (148).—11-4-78.—5,00,000.

Government

TRAFFIC CODE FORM CI.

Class. INDIAN TELEGRAPH.

To (Station) FROM (Station)

Words.	Time tendered for transmission. (Madras time.) Day.	H.	M.	OFFICIAL INSTRUCTIONS.—

To (Person) FROM (Person)

2

accordingly —

169

RECD. FROM (L. L.)

AT H. M., on the

BY

Date MADRAS 3-11-78

SENT TO (L. L.)

AT M., on the

BY

Telegraph Master.

(P. 1)—Govt. Central Press.—No. 31 G. M. (148).—11-4-78.—5,00,000.

Government

the

Distribution of the annual ... as the grant for Military ... 1879-80.

No. 838. P. W. D. Pr...

-4592 W
4520 W
1866 W
leg. 858 W
Rev 77-1720
" Jany 178-274
ca 1358 4-13622

1878 No. 12837

No. 5261 & 22nd Nov 78

Civil 42/2-78.

...the grant for ...
1879-80.

No. 838, P. W. D.

TRAFFIC CODE FORM CI.

Class. S | INDIAN TELEGRAPH. 18 | Local No. 1550

To (Station) Madras | From (Station) Calcutta

Official Instructions.— 170

Words. 26 | Time tendered for transmission. (Madras time.) Day 8 H. 12 M. 10

To (Person) Madras Works | From (Person) Works

In	military	and
other	services	budgets
1879-80	parts	two
and	four	or
details	of	repairs
and	of	tools
and	plant	not
required		

Recd. from _____ (L. L.) _____

At ___ H. ___ M., on the _____

By _____

Date MADRAS 8-1-79

Sent to _____ (L. L.) _____

At ___ H. ___ M., on the _____

By _____ Telegraph M

(P. 1)—Govt. Tel. Press,—No. 239,—13 6-78,—1000000.

is left to the local Government the

No. 575 W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 25th July 1879

Read the following :—

Telegram from the Govt. of India } (No. dated 18th Nov 1878)

Letter from the Quarter Master General of the Army } (No. 9065 dated 5th Dec 1878)

Commissioner for Salt Revenue } (No. 1904 dated do)

In the ~~foregoing~~ Telegram dated 18th November 1878 the Government of India intimate that the grants for Military Works, and other Services for 1879-80 are provisionally fixed at the corresponding allotments for 1878-79. The distribution of the grants is left to the local Government

Rec'd 28/7/79 Ack. 31/7/79

Distribution of the
as the grant for
1879-80.

No. 838, P. W.

2- The ~~provisional~~ final grant
for 1878-79 was as follows:-

Military			~~1,00,000~~
Other Services			
Civil Buildings — Postal		18,000	
Civil Buildings — Telegraph		15,000	
Civil Buildings — Salt Works		80,000	
Miscellaneous Public Improvements — Light Houses		22,250	
Establishment		35,810	
Tools and Plant		2,228	
			1,71,288
			~~2,71,288~~ 2,68,000

3- Taking these figures to be the grants for 1879-80 the following distribution is made.

	Major Works	Minor Works	Repairs	Establishment	Tools and Plant	Total
Military	105000	7,400	27,000	13,610	13,662	1,66,672
Other Services						
Civil Buildings — Postal	8500	1,500	3,000			
Civil Buildings — Telegraph	4,000	3000	5,000	83,586	3359	1,71,288
Civil Buildings — Salt Works		2,000				
Miscellaneous Public Improvements — Light Houses						
Establishment						
Tools and Plant						

Salt Works 83,586 2,100 2,050
Light Houses 17,500 1903 2,000

4- The amounts under Minor Works Military is distributed as follows with reference to para 12 A Section I Chapter VII of the Public Works Code-

Officer Commanding	Mysore Division		Rs 4,700
do	Centre	do	" 6,800
do	Northern	do	" 500
do	Sorted Districts		" 3,100
do	Malabar and Canara		" 2,300
do	Southern Division		" 2,200
			19,500
Reserves at the disposal of Govt.			56,715
			76,215

5- Rupees 2,000 have been provided for Minor Works in Cantonments in Military Cantonments with reference to the Government of India Circular No 65 of 1877, recorded with G.O. No 1720 M of 17th December 1877.

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2. The ~~actual~~ grant for 1878-79 was as follows:-

Military			~~1,00,000~~
Other Services			
Civil Buildings	Postal	18,000	
	Telegraph	15,000	
	Salt Works	80,000	
Miscellaneous Public Improvements	Light Houses	22,250	
	Establishment	35,810	
	Tools and Plant	2,228	
			1,71,288
			~~2,71,288~~ 71,50,000

3- Taking these figures to be the grants for 1879-80 the following distribution is made.

	Major Works	Minor Works	Repairs	Establishment	Tools and Plant	Total
Military	~~1,25,000~~	~~7,6400~~	2,75,000	~~13,610~~	13,662	~~5,81,972~~
Other Services						
Civil Buildings: Postal	2,500	1,500	5,000			
Telegraph	4,000	~~3,000~~	~~5,000~~			
Salt Works	62,850	9,100	20,050			
Mis. Pub. Improvements: Light Houses	17,540	1,803	12,000			
	~~1,01,890~~	~~19,403~~	~~62,050~~			

4- The amounts under Minor Works Military is distributed as follows with reference to para 12 A Section I Chapter VII of the Public Works Code.

Officer Commanding Mysore Division	Rs 4,700
do Central do	" 6,200
do Northern do	" 500
do Scotch Districts	" 3,000
do Malabar and Canara	" 2,300
do Southern Division	" 2,200
Reserve at the disposal of Govt.	19,500
	40,975
	76,475

5- Rupees 2,000 have been provided for Diversion to be charged in Military Contingencies in conformity to the Government of India Circular No 65 of 1877, recorded with G.O. No 1720 M of 17th December 1877.

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5- The grants for Establish-
-ments under "Military and
Other Services Imperial"
are Rs 1,20,644 - The grants
from other sources will
be shown in the orders
reviewing the Provincial
Budget.

6- The grants for Tools
and Plant are Rs 17,066
under "Military and Other
Services Imperial" - This
amount has not been
distributed to Divisions
in this Budget as all
charges on account of
General Tools and Plant
are to be debited to
Provincial Funds in
the first instance; Im-
-perial and other funds
contributing 25% per
cent under G.O. No 1644
of 9th April 1873 - The

distribution will be
shown in the Provin-
-cial Budget.

573

Lufkins 93 Wells & Copies of Budget
Exec. D. Yr. Accts 7
Consg. Architect 3
Mily. Departts 15
Civil do 7
Rev. do 21
Marine do 7
Board of Rev. 9
Accountant Genl 3
Postmaster Genl 3
Lufkin of Celebrated Indian 3
Total 30

Preliminary Issue of Bank Post

Lusey Engs.

L C	22	
E	7	
C	1	
Mig	6	
Frink	5	13a
Rey	5	
M	5	
R B	91	
A Gr	3	42
Post Gen	1	91
Suffk	1	26
Rose	30	30
Yard	6	183

Spears

Mr. H. Anderton
Hurst Grange
Kirkham Preston

Very Elegant 22/2/79

Civ 14-12-78

No. 576 W. & 25th Feby. 1879

To The Secretary to Govt. of India
P. W. D.

Sir,

I am directed to forward ~~herewith~~, the Imperial Budget Estimates, Buildings and Roads Branch, for the year 1879-80, ~~together with~~ and the Proceedings of Government thereon.

GW

MB
124/2

174

~~4 Copies~~
~~Desp. No. 576 W. & 25 Feby 79~~
~~4 Budget~~
~~1 each Estimate~~
~~to the 1-3-79~~

Forwarding the Imperial Budget Estimates, Buildings and Roads Branch for the year 1879-1880

175

Chapter

Con. of [1879] Madras.

PUBLIC WORKS.

To

Dated

Recd. Encl.

G. O. 25 Work. 1879. No. 5 / 75 H

Nos.

Imperial Budget Estimate
for 1879-80 under
the Preliminary
Issue of the