M.R.O. I—77,008—6-6-37.

(1) Number of pages 488

(2) Date of repair 1940

(3) Initials of the Reference

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 274 Press / Mis. Original

Dated 27 / 1877.

Not to be folded or roughly handled

Read the following papers :—

No. 534. Proceedings of the Government of India in the Public Works Department, (Account—General,) dated Fort William, 8th December 1876, Nos. 1,054—68 A—G.

Distribution of the Grant for Military Works for 1877-78.

Read again the following papers :—

Letter from	Secretary to Government	of Madras,	No. 2,206 A, dated	18th Oct. 1876.
Do.	do.	of Bombay,	„ 289 A, dated	15th Sept. „
Do.	do.	of Bengal,	„ 186 T, dated	10th Oct. „
Do.	do.	of N.-W. Provinces,	No. 399 B, dated	12th Oct. „
Do.	do.	of Punjab,	No. 586 C, dated	19th October 1876.
Do.	to Chief Commissioner,	Central Provinces,	No. 5,906, dated	16th Sept. „
Do.	do. do.	British Burmah,	No. 4,099, dated	23rd „ „
Do.	do. do.	Assam,	No. 1,483, dated	16th „ „
Do.	do. to	Resident,	Hyderabad, No. 336, dated	28th „ „
Do.	do. Governor-General's Agent,	Rajpootana,	No. 2,520 S dated	25th „ „
Do.	do. do.	Central India,	No. 3,122, dated	3rd Oct. „
Do.	do. Chief Commissioner,	Coorg,	No. 1,919, dated	29th Sept. „
Do.	do. do.	Port Blair,	No. 657 G, dated	22nd „ „
Do.	do. Inspector-General,	Military Works,	No. 4,088, dated	28th June 1876.

Resolution.—The Government of India having had under consideration the estion of the grant to be allowed for military works, including the Barrack Depart-nt for 1877-78, has been pleased to fix the amount provisionally at the same sum the grant for the current official year, viz., Rupees 1,22,84,000. The amount

allowed is distributed as follows as compared with the demands by Local Governments and Administrations and the grant for 1876-77 :—

	Demand, 1877-78.	Grant, 1877-78.	Grant, 1876-77.
	RS.	RS.	RS.
Madras	11,55,000	7,50,000	7,50,000
Bombay	44,57,000	17,01,750	17,01,750
Bengal	72,097	61,250	61,250
North-Western Provinces	41,453	40,000	44,000
Punjab	5,20,000	2,77,000	2,77,000
Central Provinces	7,01,580	3,90,000	3,90,000
British Burmah	3,70,000	3,16,000	3,16,000
Assam	67,520	50,200	50,200
Hyderabad	6,00,000	5,46,000	5,46,000
Rajpootana	3,82,000	3,49,850	3,49,850
Central India	5,50,000	4,23,400	4,23,400
Coorg	15,135	13,800	9,800
Port Blair	83,000	75,000	75,000
Total ...	90,14,785	49,94,250	49,94,250
Inspector-General of Military Works	79,14,000	72,89,750	74,73,000
Total ...	1,69,28,785	1,22,84,000	1,24,67,250
Less to be met by probable short outlay	...	...	1,83,250
	1,69,28,785	1,22,84,000	1,22,84,000

2. It is left to the several Local Governments and Administrations to distribute the grant allowed as circumstances may require, subject to the following remarks, and to the condition that full provision is made for ensuring adequate progress on works under construction and for the efficient maintenance and repair of buildings.

Grant for defensive works, Aden, pumping engine and boiler-house, Bombay Dock-yard, and Ordnance Buildings, Kirkee.

3. The grant of Rupees 17,01,750 allowed to Bombay is subject to the condition that sufficient provision is made for these works.

Funds for providing quarters for Non-Commissioned Officers of the Khedda Department, Dacca, Bengal, Rupees 7,000.

4. The Government of Bengal is requested to take into consideration the question of whether it would not be the more economical arrangement to hire a building instead of constructing quarters.

Provision of funds for the protective works at Dera Ismael Khan, Rupees 1,50, 000.

5. The Punjab Budget Estimate should be prepared without any amount being included therein for these works. They will be exceptionally provided for on their own merits on a decision being arrived at on the investigations now in progress.

Provision for remodelling old Barracks at Kamptee.

6. The provision for this purpose should be made under the head Original Works, instead of Repairs, and the Budget Estimate should be prepared accordingly. The grant allowed to the Central Provinces is subject to the condition that sufficient provision is made for these works.

Order in which the several original works at Kamptee should be undertaken.

7. The opinions expressed on this point by the Chief Commissioner, Central Provinces, are judicious, and are approved of.

Grant for works under the Inspector-General of Military Works.

8. Separate orders will be issued on this point.

Possible reduction in grant for 1877-78.

9. In order to meet any reductions that possibly may be required in the grant for Military Works for 1877-78, Local Governments and Administrations are requested to submit with their Budget Estimates a statement of the allotments provided for therein which can best be reduced or disallowed. The total amount of the statement of such possible reduction must not be less than 20 per cent. of the grant.

Governments of Madras, Bombay, Bengal, North-Western Provinces and Punjab.
Chief Commissioners, Central Provinces, British Burmah, Assam and Coorg.
Resident at Hyderabad.
Governor-General's Agents, Rajpootana and Central India.
Superintendent, Port Blair.

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

(Signed) G. J. MELLISS,
Offg. Dy. Secy. to the Govt. of India.

No. 535. Proceedings of the Government of India in the Public Works Department, (Account—General,) dated Fort William, 9th December 1876, Nos. 1,071—87A—G :—.

Grant for Public Works for 1877-78.

Read the following papers :—

Public Works Department Resolution, Nos. 1,054—68 A—G, dated 8th December 1876.
" " " " 1,022—41 A—G, " 29th November "
" " " " 390—7 A—I, " 1st " "
" " " " 372—7 A—I, " 25th October "

RESOLUTION.—The Government of India having had under consideration the settlement of the amount that can be allotted for expenditure on Imperial Public Works during 1877-78, have decided that the grant for this purpose, exclusive of railways, shall be fixed provisionally as follows, as compared with the grant for 1876-77 :—

	Ordinary.		Extraordinary.		Total.	
	1877-78.	1876-77.	1877-78.	1876-77.	1877-78.	1876-77.
	£	£	£	£	£	£
Military Works, including Barrack Department ..	1,228,400	1,228,400	..	..	1,228,400	1,228,400
Civil Works	291,480	271,480	..	..	291,480	271,480
Irrigation Works	900,000	940,000	900,000	1,098,600	1,800,000	2,038,600
Total ..	2,419,880	2,439,880	900,000	1,098,600	3,319,880	3,538,480
Add for Wurrora Colliery, Royal Civil Engineering College, Cooper's Hill, furlough allowances, &c.	*	92,200	..	..	..	..
		2,532,080	..	..	..	..

* See para. 3.

2. The increase of £20,000 in the grant for Other Services is due to an allotment to that extent having been rendered necessary for the Government of India buildings at Simla. Under Irrigation there is a decrease of £40,000 rendered necessary by financial reasons. On the whole the total Ordinary grant for 1877-78 is by less than that of 1876-77 by £20,000.

3. The amounts assigned are exclusive of the charges for the Wurrora Colliery, Royal Civil Engineering College, Cooper's Hill, and furlough allowances paid in England, the provision for which will be based on actual demands.

4. In addition to the sum allotted under Extraordinary for Irrigation Works, there will be the charge for construction of State Railways regarding which separate orders have been issued.

5. The grant assigned to the several Provinces under Ordinary Military and Civil Works is as follows:—

	Military Works, including Barrack Department.		Civil Works.		Total.	
	1877-78.	1876-77.	1877-78.	1876-77.	1877-78.	1876-77.
	£	£	£	£	£	£
Madras	75,000	75,000	8,700	10,050	83,700	85,050
Bombay	170,175	170,175	(a)22,650	(b)17,825	192,825	188,000
Bengal	6,125	6,125	43,150	45,820	49,275	51,945
North-Western Provinces	4,000	4,400	40,300	34,600	44,300	39,000
Punjab	27,700	27,700	5,000	6,150	32,700	33,850
Central Provinces	39,000	39,000	1,950	3,400	40,950	42,400
British Burmah	31,600	31,600	2,300	3,870	33,900	35,470
Oudh	..	..	2,200	2,380	2,200	2,380
Hyderabad	54,600	54,600	3,490	3,000	58,090	57,600
Rajpootana	34,985	34,985	39,610	40,715	74,595	75,700
Central India	42,340	42,340	69,150	69,090	111,490	111,430
Assam	5,020	5,020	1,640	3,240	6,660	8,260
Coorg	1,380	980	13,600	13,600	14,980	14,580
Port Blair	7,500	7,500	4,100	4,100	11,600	11,600
Inspector-General of Military Works ..	728,975	747,300	10,000	10,000	738,975	757,300
Director of State Railways, for Lahore and Peshawur Road.	..	..	3,640	3,640	3,640	3,640
Superintending Engineer, Simla Imperial Circle.	..	..	20,000	..	20,000	..
	1,228,400	1,246,725	291,480	271,480	1,519,880	1,518,205
Less to be met by probable short outlay ..	..	18,325	..	..	..	18,325
Total ..	1,228,400	1,228,400	291,480	271,480	1,519,880	1,499,880

(a) Exclusive of £ 4,700 transferred to Indo-European Telegraph Department.
(b) Do. £ 2,100 do. do. do.

6. It should be understood that the grants herein provisionally allowed are subject to the conditions mentioned in paragraphs 6 and 9 of Public Works Department Resolution, Nos. 737—53 A—G, dated 16th November 1875.

7. The accompanying schedule contains an abstract of the total sum provisionally allowed for Ordinary and Extraordinary expenditure on Irrigation Works, and shows the total grant assigned for expenditure on Public Works during 1876-77 in each Government and Administration.

8. The Budget estimates for Military Works and Other Services should be prepared according to the classification laid down in the circulars quoted in the margin.

No. 76, dated 30th October 1876.
„ 83, „ 29th November 1876.

9. As stated in paragraph 1, these grants have been made provisionally. In the present state of the finances it is possible that reductions may be required in the grants now provisionally assigned before the Budget estimates are finally settled.

ORDER.—Ordered, that this Resolution be communicated to the Governments and Administrations noted in the margin, in the Buildings and Roads and Irrigation Branches, to the Inspector-General of Military Works, and to the Director of State Railways for information and guidance.

The Governments of Madras, Bombay, Bengal, North-Western Provinces, and the Punjab, Public Works Department.
The Chief Commissioners of Central Provinces, British Burmah, Oudh, Assam, and Coorg.
The Resident at Hyderabad.
The Governor-General's Agents for Rajpootana and Central India, and Supdt., Port Blair.

Ordered further, that a copy be forwarded to the Financial Department for information.

(Signed) G. J. MELLISS,
Offg. Dy. Secy. to the Govt. of India.

Statement of the distribution of the total Public Works grant for 1877-78 and 1876-77 respectively.

	Ordinary.				Extraordinary.		Grand Total.	
	Military and Civil Works.		Agricultural.		Irrigation.			
	1877-78.	1876-77.	1877-78.	1876-77.	1877-78.	1876-77.	1877-78.	1876-77.
	£	£	£	£	£	£	£	£
Madras	83,700	85,050	262,000	272,200	50,000	45,600	395,700	402,850
Bombay	192,825	188,000	180,000	173,000	40,000	65,000	412,825	426,000
Bengal	49,275	51,945	115,000	126,900	275,000	380,000	439,275	558,845
North-Western Provinces	44,300	39,000	155,000	170,000	260,000	320,000	459,300	529,000
Punjab	32,700	33,850	149,500	153,300	(b) 275,000	(b) 288,000	457,200	475,150
Central Provinces	40,950	42,400	...	...	...	...	40,950	42,400
British Burmah	33,900	35,470	27,500	27,500	...	...	61,400	62,970
Oudh	2,200	2,380	...	...	...	...	2,200	2,380
Hyderabad	58,090	57,600	...	...	...	...	58,090	57,600
Rajpootana	74,595	75,700	11,000	17,000	...	...	85,595	92,700
Central India	111,490	111,430	...	...	...	...	111,490	111,438
Assam	6,660	8,260	...	...	...	...	6,660	8,260
Coorg	14,980	14,580	...	100	...	...	14,980	14,680
Port Blair	11,600	11,600	...	...	...	...	11,600	11,600
Inspector-General	738,975	757,300	...	...	...	...	738,975	757,300
Director of State Railways	3,640	3,640	...	...	...	...	(c) 3,640	3,640
Superintending Engineer, Simla, Imperial Circle.	20,000	...	...	...	...	...	20,000	...
Total ...	1,519,880	1,518,205	900,000	940,000	900,000	1,098,600	3,319,880	3,556,805
Less to be met by probable short outlay	...	18,325	...	...	...	...	...	18,325
	1,519,880	1,499,880	900,000	940,000	900,000	1,098,600	3,319,880	3,538,480
Add grant for Wurrora Colliery								
„ for Civil Engineering College, Cooper's Hill								
„ for furlough allowances								
„ for miscellaneous payments								
Grand Total ...								

	Total.		Extraordinary.		Grand Total.	
	1877-78.	1876-77.	1877-78.	1876-77.	1877-78.	1876-77.
	£	£	£	£	£	£
Madras	345,700	357,250	50,000	45,600	395,700	402,850
Bombay	372,825	361,000	40,000	65,000	412,825	426,000
Bengal	164,275	178,845	275,000	380,000	439,275	558,845
North-Western Provinces	199,300	209,000	260,000	320,000	459,300	529,000
Punjab	182,200	187,150	(b) 275,000	(b) 288,000	457,200	475,150
Central Provinces	40,950	42,400	...	...	40,950	42,400
British Burmah	61,400	62,970	...	...	61,400	62,970
Oudh	2,200	2,380	...	...	2,200	2,380
Hyderabad	58,090	57,600	...	...	58,090	57,600
Rajpootana	85,595	92,700	...	...	85,595	92,700
Central India	111,490	111,438	...	...	111,490	111,438
Assam	6,660	8,260	...	...	6,660	8,260
Coorg	14,980	14,680	...	...	14,980	14,680
Port Blair	11,600	11,600	...	...	11,600	11,600
Inspector-General	738,975	757,300	...	...	738,975	757,300
Director of State Railways	3,640	3,640	...	...	(c) 3,640	3,640
Superintending Engineer, Simla, Imperial Circle.	20,000	...	...	...	20,000	...
Total ...	2,419,880	2,458,205	900,000	1,098,600	3,319,880	3,556,805
Less to be met by probable short outlay	...	18,325	...	...	...	18,325
	2,419,880	2,439,880	900,000	1,098,600	3,319,880	3,538,480
Add grant for Wurrora Colliery	...	15,700				
„ for Civil Engineering College, Cooper's Hill	(a)	23,000				
„ for furlough allowances		49,000				
„ for miscellaneous payments	...	4,500				
Grand Total ...	...	2,532,080				

(a) Will be provided for as usual on Regular Budget Estimates.
(b) Exclusive of contributions from Native States for Sirhind Canal.
(c) Subject to orders on Budget Estimate.

No. 536. Proceedings of the Government of India in the Public Works Department, (Account—General,) dated Fort William, 29th November 1876, Nos. 1,022—41 A—G.

Distribution of the grant for Other Services for 1877-78.

Read the following papers :—

Letter from Secretary to Government of Madras, No. 2,806 A, dated 18th Oct. 1876.
Do. do. of Bombay, „ 289 A, „ 15th Sept. „
Do. do. of Bombay, „ 297 A, „ 30th „ „
Do. do. of Bengal, „ 186 T, „ 10th „ „
Do. do. of N.-W. Provinces, No. 399 B, 12th Oct. „
Do. do. of Punjab, No. 586 C, dated 19th Oct. „
Do. to Chief Commissioner, Central Provinces, No. 5,906, 16th Sept. „
Do. do. do. British Burmah, No. 4,099, dated 23rd „
Do. do. do. Oudh, „ 2,748 S, dated 23rd „
Do. do. do. Assam, „ 1,483, dated 16th „
Do. to Resident, Hyderabad, No. 336, dated 28th September „
Do. do. Governor-General's Agent, Rajpootna, No. 2,520 S, 25th „
Do. do. do. Central India, No. 3122, dated 3rd Oct. „
Do. to Chief Commissioner, Coorg, No. 1,919, dated 29th Sept. „
Do. do. do. Port Blair, No. 657 G, dated 22nd „
Do. Director-General of Post Office, No. 3,548, dated 9th September „
Do. do. of Telegraphs, No. 170, dated 12th September „
Do. do. do. No. 313 A—T, dated 15th November 1876.
Memorandum from Financial Department, No. 2,722, dated 7th September 1876.
Do. do. No. 3,111, dated 29th „ „

—

Resolution.—The Government of India having had under consideration the allotment to be provisionally made as the grant for Imperial Public Works under Other Services for 1877-78, has been pleased to fix the amount at the same sum as the grant for the current official year, viz., ... Rs. 27,14,800 (*a*) to which a special allotment of 2,00,000 is added for the Government of India buildings at Simla, so that the total allotment will be ... 29,14,800

(*a*) Exclusive of Rupees 9,22,000 for colleries, Royal Civil Engineering College in England, and furlough allowances the grants for which for 1877-78 will as usual be based on actual demands.

The amount is thus distributed as compared with the demands from the several Governments and Administrations and Heads of Departments, and the grant for the current official year.

—	Demand.	Reductions made.	Grant provisionally allowed, 1877-78.	Grant, 1876-77.
	Rs.	Rs.	Rs.	Rs.
Postal Works	2,53,403	93,244	1,60,159	1,33,785
Telegraph „	2,80,270	1,31,200	1,49,070	2,62,140
Opium „	3,44,971	1,54,971	1,90,000	1,19,584
Mint and Currency Buildings	74,653	28,553	46,100	37,841
Salt works	3,13,670	2,13,670	1,00,000	95,200
Customs Buildings	40	...	40	...

Proceedings of the Madras Government, Public Works Department, 27th January 1877. No. 274.

—	Demand.	Reductions made.	Grant provisionally allowed, 1877-78.	Grant, 1876-77.
	Rs.	Rs.	Rs.	Rs.
Government of India buildings	76,178	20,478	55,700	36,100
Viceregal buildings	86,700	...	86,700	1,13,300
Roorkee College buildings	23,665	4,665	19,000	12,500
Political buildings	3,000	1,000	2,000	1,000
Kurrachee Harbour Works	2,22,000	2,00,000	22,000	25,900
Lighthouses	1,21,150	1,07,000	14,150	4,500
Forest Works	...	...	...	100
Total ...	17,99,700	9,54,781	8,44,919	8,41,950
Less to be met from grant of Indo-European Telegraph Department	13,400	8,700	4,700	17,000
	17,86,300	9,46,081	8,40,219	8,24,950
Establishment	5,63,221	3,70,012	1,93,209	2,12,950
Do. Roorkee College	2,37,133	...	2,37,133	2,28,900
Tools and Plant	45,046	36,408	8,638	6,550
	26,31,700	13,52,800	12,78,900*a*	12,73,350
Churches and burial-grounds under Inspector-General of Military Works	1,00,000	...	1,00,000	1,00,000
Grant-in-aid from Imperial Funds for maintenance of Lahore and Peshawur road ...	(*b*) 36,400	...	36,400	36,400
Hyderabad	34,890	†10	34,900	30,000
Rajpootana	4,00,900	4,800	3,96,100	4,07,150
Central India	7,50,000	58,500	6,91,500	6,90,900
Coorg	1,38,365	2,365	1,36,000	1,36,000
Port Blair	97,656	56,656	41,000	41,000
	41,89,911	14,75,111	27,14,800	27,14,800
Government of India buildings at Simla ...	...	...	2,00,000	
Grand Total ...	...	...	29,14,800	

(*a*) The exact total is Rupees 12,79,199, but the amount has been passed for Rupees 12,78,900 in order to bring the total to an even sum.

(*b*) No demand statement received; hence it has been necessary to assume the grant for 1876-77 as likely to be required for 1877-78.

4. The items making up the reduction of Rupees 14,75,111 in the demands for 1877-78 are as follow :—

Postal Works—

Post Office, Madras.—The necessity for restricting expenditure renders it necessary for the Government of India to again postpone the construction of this work ... ... Rs. 50,000

	Rs.
Post Office at Bijapur	2,500
Well in Post Office at Umballa	2,500

As the estimated cost of each of these works is Rupees 2,500, the funds for the same should be found under the rules in force from the allotment for Minor Works. The provision for next year under Major Works is therefore disallowed ... ... Rs. 5,000

Post Office at Moradabad ... ... Rs. 6,689

Provision for the construction of this work was made in the Budget Estimate of 1876-77, and the grants assigned for it should be utilized accordingly, so that there is no necessity to provide a grant for next year.

	Rs.	Rs.
Post Office at Bankoora.—Provision for the construction of this work during 1876-77 has been made by a reappropriation of Budget credits, so that there is no necessity to provide funds for its construction in 1877-78		3,637
Post Office Works in British Burmah.—No detail has been given in the schedule received from British Burmah of the works for which the amount is required, so that there is no alternative but to disallow the provision asked for		2,000
Post Office at Jhansi 3,612		
Post Office at Tezpur 4,000		
Post Office at Titalya 5,290		
No provision for these works has been made in the schedule submitted by the Director-General of Post Offices, so that there is no alternative but to disallow the amounts asked for ...		12,812
Minor Works.—Demands of the following Local Governments reduced by Rs. 13,106 for want of funds as follows :—		

	Asked for by Local Governments.	Asked for by Director-General of Post Offices.	Passed.
	Rs.	Rs.	Rs.
Madras	10,000	10,000	8,550
Bombay	10,000	10,000	8,500
Bengal	10,000	10,000	8,500
North-Western Provinces ...	15,656	10,000	8,500
Punjab	10,000	10,000	8,500
	55,656	50,000	42,550

13,106 — 93,244

TELEGRAPH WORKS. *Quarters for Signallers in Bombay.*—The amount required is Rs. 43,000 on the supposition that the grant for the work for 1876-77 will have to be reduced in consequence of the restriction outlay, but the Government of India have ordered that the work should be carried on to completion during 1876-77 ...

	Rs.	Rs.
The estimated cost is		1,23,520
Actual outlay to end of 1875-76	58,174	
Grant, 1876-77	49,550	
		1,07,724
Leaving to complete		15,796
But as it is quite possible that there will be short outlay, a grant of		20,000
is allowed and the remainder disallowed		23,000
Telegraph Office at Gauhati.—Required for 1877-78		15,000
But the grant allowed for 1876-77 is		10,000
and there is no reason why the amount should not be utilized. The Chief Commissioner has ordered the construction of the work to be held over with reference to financial pressure, but it is not necessary to do so in the case of a work in progress. The President in Council therefore desires that the work should go on, in which view it will suffice to provide a grant of only Rs. 5,000 for next year. The balance Rs. 10,000 is therefore disallowed		10,000

	Rs.	Rs.
Quarters for Signallers at Cocanada.—The work has not been entered in the schedule submitted by the Director-General of Telegraphs, so that there is no alternative but to disallow the provision made for it	10,000	
Telegraph Office at Madras.—The necessity for restricting outlay in 1877-78 to the same amount as the grant for current year renders it impossible to provide for a commencement being made with this work in 1877-78. The provision is therefore disallowed	50,000	
Paving floors of Telegraph Offices at Kurrachee and Gwadur.—Provision for these works exists in the Budget Estimate of 1876-77, and there is no necessity to provide for them in the Budget of 1877-78	8,700	
A new building for the Telegraph and Post Office at Comillah.—The work is not in the Director-General's schedule, and the provision for it is therefore disallowed	20,000	
Provision for Telegraph Works, British Burmah, not specified, so that the provision is disallowed	2,500	
Minor Works.—Provision for Minor Works, Madras, Rupees 10,000, the grant for 1876-77 being only Rupees 3,000. There is no reason to allow the increase of Rupees 7,000, which is therefore disallowed	7,000	
		1,31,200

OPIUM WORKS—

The demands for 1877-78 are reduced as follows :—

	Asked for.	Allowed.		
	Rs.	Rs.		
Bengal	1,29,788	89,000		
North-western Provinces	1,97,683	89,500		
Oudh	17,500	11,500		
	3,44,971	1,90,000	1,54,971	1,54,971

Financial reasons render it necessary to make this large reduction in the demands. It is left to the Local Governments concerned to select the works for which provision should be made in the Budget-Estimate of 1877-78.

MINT AND CURRENCY—

Boundary wall to the Mint at Bombay.—The Government of India have required that this work should be completed during 1876-77, so that there is no necessity to provide funds for it in 1877-78	4,600	
Iron railings to Mint premises at Calcutta.—The necessity for restricting outlay precludes the provision of funds for the work in 1877-78	23,953	
		28,553

SALT WORKS—

The demands for 1877-78 are reduced as follow :—

	Grant, 1876-77.	Asked for, 1877-78.	Passed.		
	Rs.	Rs.	Rs.		
Madras...	60,200	87,270	37,270		
Bombay	20,200	2,11,400	47,730		
Bengal	15,000	15,000	15,000		
	95,400	3,13,670	1,00,000	2,13,670	2,13,670

The reduction of Rupees 50,000 from the demand in Madras is for the Harigosti Project, the construction of which has still to be sanctioned. The question of the necessity of the works asked for by the Government of Bombay will be separately considered. Meanwhile it is left to that Government to select the works for which provision should be made out of the grant of Rupees 47,730 allowed.

	Rs.	Rs.
GOVERNMENT OF INDIA BUILDINGS—		
Detached building for Public Works Department Press in Loudon's Buildings, Calcutta	16,878	
Provision for Minor Works reduced from Rupees 11,000 to Rupees 7,400	3,600	
		20,478
ROORKEE COLLEGE BUILDING—		
Tent Godown in Roorkee College	3,453	
Provision for Minor Works reduced by	1,212	
		4,665
POLITICAL BUILDINGS—		
Demand of Rs. 3,000 *reduced to Rs.* 2,000		1,000
KURRACHEE HARBOUR WORKS—		
Dredging entrance channel and improvements in new channel	50,000	
Ship's pier at Kurrachee	1,50,000	
		2,00,000
LIGHT-HOUSES—		
Light-house, Muttum	75,000	
Light-house, Manora Point	32,000	
		1,07,000

The Government of India have no alternative under present financial circumstances but to postpone the provision of funds for these works, but the question of some special arrangements for the provision of funds for the Kurrachee Harbour Works will receive consideration hereafter:—

ESTABLISHMENT AND TOOLS AND PLANT—		
Proportion of charges under the heads due to the amounts disallowed above		4,06,420
PROVISION FOR PROVINCES TO WHICH THE PROVINCIAL SERVICE ARRANGEMENTS DO NOT APPLY, REDUCED AS FOLLOWS:—		

	Grant, 1876-77.	Demand, 1877-78.	Passed, 1877-78.	
	Rs.	Rs.	Rs.	
Hyderabad	30,000	34,890	34,900	
Rajpootana	4,07,150	4,00,900	3,96,100	
Central India	6,90,900	7,50,000	6,91,500	
Coorg	1,36,000	1,38,365	1,36,000	
Port Blair	41,000	97,656	41,000	
	13,05,050	14,21,811	12,99,500	1,22,311

It is left to the Governor-General's Agents, Rajpootana and Central India, and to the Superintendent of Port Blair to select the items from which the reduction in the demand should be made. Of the amount passed for Rajpootana, Rupees 1,00,000 is for the Mayo College buildings at Ajmere, and provision should be made accordingly.

Grand Total, Reductions ...		14,84,512
Less portion of above belonging to Indo-European Telegraph Department...		8,700
		14,74,812
Add in order to make the total grant an even one ...		299
		14,75,111

5. Summarized by Provinces the amounts allowed are as follow :—

	Madras.	Bombay.	Bengal.	North-western Provinces.	Punjab.	Central Provinces.	British Burmah.	Oudh.	Assam.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Postal works ..	14,050	42,850	30,219	24,210	18,500	13,600	4,500	6,850	5,380	1,60,159
Telegraph ,, ..	15,600	63,200	30,357	5,463	18,500	2,000	6,200	100	7,760	1,49,070
Opium ,, ..			89,000	89,500				11,500		1,90,000
Mint and Currency ..		8,000	33,000	100						46,100
Salt works ..	37,270	47,730	15,000	.. 40	3,000					1,00,000
Customs buildings ..			52,700							40
Government of India Buildings ..			86,700	..						55,700
Viceregal residences ..			..	19,000						86,700
Roorkee College buildings ..			..	..						19,000
Political Buildings ..		22,000	3,150	..	2,000		2,000	2,000		2,000
Kurrachee Harbour Works ..	2,000	3,000		..			6,000			22,000
Light-houses ..										14,150
	68,820	1,86,780	3,45,126	1,38,313	40,000	15,600	18,700	18,450	13,130	8,44,919
Less debitable to the Budget grant of the Indo-European Telegraph for Minor Works and Repairs of that Department	..	4,700	..	..	..	..	1	..	..	4,700
	68,820	1,82,080	3,45,126	1,38,313	40,000	15,600	18,700	18,450	13,130	8,40,219
Establishment	17,205	41,763	81,406	27,662	10,000	3,900	4,301	3,690	3,282	1,93,209
Tools and Plant	1,032	2,722	4,884	..	..	..	..	..	..	8,638
Establishment Roorkee Civil Engineering College and Press	..	..	..	2,37,133	..	..	..	..	..	2,37,133
Total in even sums ..	87,000	2,26,500	4,31,500	4,03,000	50,000	19,500	23,000	22,000	16,400	12,78,900
Add for churches and burial-grounds under Inspector-General										1,00,000
,, Lahore and Peshawur road ..										36,400
,, Hyderabad ..										34,900
,, Rajpootana ..										3,96,100
,, Central India ..										6,91,500
,, Coorg ..										1,36,000
,, Port Blair ..										41,000
										27,14,800
,, Government of India Buildings, Simla										2,00,000
									Total ..	29,14,800

6. The accompanying statement shows the several works for which grants have been allowed to the several Provinces to which the Provincial Service arrangements do not apply. The provision of Rupees 1,00,000 for churches and burial-grounds under the Inspector-General of Military Works, and the sum of Rupees 36,400 passed as the grant from Imperial Funds for the maintenance of the Lahore and Peshawur road under charge of Officers of the Punjab Northern State Railway, is passed subject to such orders as may be passed when the regular Budget Estimates are received. The amounts allowed for light-houses are also subject to the same condition. And the sum passed as the grant for Hyderabad includes the amount required for the Post-office works noted in the margin.

	Rs.
Post-office at Hingoli	5,776
Minor Works	4,000

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

Governments of Madras, Bombay, Bengal North-western Provinces and Punjab.
Chief Commissioners, Central Provinces, British Burmah, Oudh, Assam and Coorg.
Governor-General's Agents, Rajpootana and Central India.
Resident, Hyderabad.
Superintendent, Port Blair.

Ordered also, that a copy be forwarded to the Director-General of Telegraphs and Financial Department for communication to the Director-General of Post-offices for information.

(Signed) G. J. MELLISS,
Offg. Depy. Secy. to the Govt. of India.

Statement of the grants allowed for Public Works, Other Services, Imperial, for 1877-78.

—	Amount of Estimate.	Computed Expenditure to end of 1876-77.	Grant provisionally allowed, 1877-78.	Add for Minor Works.	Add for Repairs.	Total for each Province.
POST OFFICE WORKS.	RS.	RS.	RS.	RS.	RS.	RS.
Madras—						
Additions to Post Office at Ootacamund	...	...	3,000			
Minor Works and Repairs ...	...	...	...	8,550	25,000	14,050
Bombay—						
Post Office, Hyderabad ...	10,950	...	10,950			
Quarters for Postmaster at Aden	8,779	...	8,800			
Post Office, Kharoghara ...	4,600	...	4,600			
Minor Works and Repairs ...	...	...	...	8,500	10,000	42,850
Bengal—						
Post Office at Noakhally ...	5,108	3,108	2,000			
Additions to Post Office building at Burrisal	2,500	1,500	1,000			
Post Office, Motiharee	3,882	...	3,882			

Statement of the grants allowed for Public Works, &c.—(Continued).

—	Amount of Estimate.	Computed expenditure to end of 1876-77.	Grant provisionally allowed, 1877-78.	Add for Minor Works.	Add for Repairs.	Total for each Province.
POST OFFICE WORKS.	RS.	RS.	RS.	RS.	RS.	RS.
Bengal—						
Receiving-house at Howrah Railway Station	5,127	...	5,127			
Minor Works and Repairs ...	...	...	...	8,500	9,710	30,219
North-Western Provinces—						
Post Office, Banda	5,600	...	5,600			
Minor Works and Repairs ...	...	...	...	8,500	10,110	24,210
Punjab—						
Minor Works and Repairs ...	...	...	...	8,500	10,000	18,500
Central Provinces—						
Post Office, Hurda	5,218	...	5,300			
Mundla	3,303	...	3,300			
" Minor Works and Repairs ...	...	...	...	3,000	2,000	13,600
British Burmah—						
Minor Works and Repairs ...	...	...	...	2,000	2,500	4,500
Oudh—						
Minor Works and Repairs ...	...	...	...	5,000	1,850	6,850
Assam—						
Post Office at Sylhet	6,045	4,000	2,000			
Minor Works and Repairs ...	...	...	...	2,000	1,380	5,380
	...	...	55,559	54,550	50,050	1,60,159
TELEGRAPH WORKS.						
Madras—						
Telegraph Office at Ootacamund	...	..	10,000			
Minor Works and Repairs ...	...	...	...	3,000	2,500	15,500
Bombay—						
Quarters for Signallers at Bombay	1,23,520	1,03,520	20,000			
Telegraph Office, Gadag ...	5,003	2,000	3,000			
" " Surat ...	19,287	...	19,200			
" " Rajunpore ...	...	...	(a) 5,000			
Minor Works and Repairs ...	...	...	...	6,000	10,000	63,200
Bengal—						
New building in extension of Instrument Shop, Alipore ...	17,107	...	17,107			
Minor Works and Repairs ...	...	...	...	5,000	8,250	30,357
North-Western Provinces—						
Minor Works and Repairs ...	...	...	...	2,475	2,988	5,463
Punjab—						
Telegraph Office, Umballa ...	28,146	15,646	12,500			
Minor Works and Repairs ...	...	...	...	3,000	3,000	18,500
Central Provinces—						
Minor Works and Repairs ...	...	...	...	1,000	1,000	2,000
British Burmah—						
Minor Works and Repairs ...	...	...	...	3,000	3,200	6,200
Oudh—						
Repairs	...	...	...	...	100	100
Assam—						
Telegraph Office, Gauhati ...	19,322	14,822	5,000			
Minor Works and Repairs ...	...	...	...	2,000	750	7,750
Total ...	...	...	91,807	25,475	31,788	1,49,070

(a) Applied for by the Director-General of Telegraphs.

d

Statement of the grants allowed for Public Works, &c.—(Continued).

—	Amount of Estimate.	Computed expenditure to end of 1876-77.	Grant provisionally allowed, 1877-78.	Add for Minor Works.	Add for Repairs.	Total for each Province.
OPIUM WORKS.	RS.	RS.	RS.	RS.	RS.	RS.
Bengal	...	...	59,800	8,000	21,200	89,000
North-Western Provinces	...	...	69,817	2,500	17,183	89,500
Oudh—						
It has been left to the Local Governments to select the works for which provision should be made out of the grant allowed for Major Works	...	...	3,400	4,000	4,100	11,500
	...	...	1,33,017	14,500	42,483	1,90,000
MINT AND CURRENCY.						
Bombay—						
Minor Works and Repairs ...	...	...	...	2,000	6,000	8,000
Bengal—						
Substitution of iron girders for wooden ones in Mint, Calcutta	84,630	...	20,000			
Minor Works and Repairs ...	...	...	...	6,000	12,000	38,000
North-Western Provinces—						
Repairs	...	...	...		100	100
	...	...	20,000	8,000	18,100	46,100
SALT WORKS.						
Madras—						
Approach to salt platform Tommalapenta, Nellore	23,820	8,210	15,370			
Completing Palayankal catch drain	6,980	3,000	3,900			
Improving the Vedarniem Canal.	...	...	7,000			
Minor Works and Repairs ...	...	...	...	5,000	6,000	37,270
Bombay—						
Works the selection of which is left to the Government of Bombay	...	...	20,730			
Minor Works and Repairs ...	...	...	...	10,000	17,000	47,730
Bengal—						
Repairs	...	...	...	...	15,000	15,000
	...	...	47,000	15,000	38,000	1,00,000
CUSTOMS BUILDINGS.						
North-Western Provinces—						
Repairs	...	...	...	...	40	40
	...	...	...	...	40	40
GOVERNMENT OF INDIA BUILDINGS.						
Bengal—						
Minor Works	...	...	...	7,400	...	...
Repairs to Secretariat Offices, Calcutta	...	...	...	...	27,300	...
Repairs to University Buildings.	...	...	...	...	1,000	...

Statement of the grants allowed for Public Works, &c.—(Continued).

—	Amount of Estimate.	Computed expenditure to end of 1876-77.	Grant provisionally allowed, 1877-78.	Add for Minor Works.	Add for Repairs.	Total for each Province.
GOVERNMENT OF INDIA BUILDINGS.—(*Continued*).	RS.	RS.	RS.	RS.	RS.	RS.
Bengal—(Continued).						
Repairs to Orphan Society's Buildings, Kidderpore ...	...	...	...	...	1,000	...
Repairs to Surveyor General's Office, Calcutta	...	...	...	...	1,000	...
Repairs to Treasury Buildings.	....	...	...	...	6,000	...
Repairs to Lord Bishop's Palace, Calcutta	...	...	...	...	1,000	...
Repairs to Stamps and Stationery Buildings	...	...	...	...	8,000	52,700
Punjab—						
Repairs to Government of India Buildings, Simla	...	...	...	...	3,000	3,000
	...	...	...	7,400	48,300	55,700
VICEREGAL BUILDINGS.						
Bengal—						
Substituting iron roof inside aisles of Ball-room in Government House, Calcutta ...	13,000	...	13,000	...	...	...
Providing new sashes of French polished teakwood in 2nd floor of Government House, Calcutta	8,000	...	8,000	...	...	...
Renewing doors of Government House at Barrackpore ...	...	...	4,000	...	...	...
Purchase of furniture	...	...	20,000	...	...	...
Minor Works and Repairs ...	...	...	...	7,000	34,700	86,700
	...	...	45,000	7,000	34,700	86,700
ROORKEE COLLEGE BUILDINGS.						
North-Western Provinces—						
Reroofing quarters of students of 3rd Department, Roorkee.	29,253	22,682	6,571	...	...	...
Minor Works and Repairs ...	...	...	...	1,766	10,663	19,000
	...	...	6,571	1,766	10,663	19,000
POLITICAL BUILDINGS.						
British Burmah—						
Minor Works and Repairs ...	...	...	...	1,000	1,000	2,000
	...	...	...	1,000	1,000	2,000
KURRACHEE HARBOUR WORKS.						
Bombay—						
Repairs	...	...	...	...	22,000	22,000
	...	...	...	...	22,000	22,000
LIGHT-HOUSES.						
Madras—						
Minor Works and Repairs ...	...	...	...	1,000	1,000	2,000

Statement of the grants allowed for Public Works, &c.—(Continued).

——	Amount of Estimate.	Computed expenditure to end of 1876-77.	Grant provisionally allowed, 1877-78.	Add for Minor Works.	Add for Repairs.	Total for each Province.
LIGHT-HOUSES—(*Continued*).	RS.	RS.	RS.	RS.	RS.	RS.
Bombay—						
Repairs	...	...	...	...	3,000	3,000
Bengal—						
Repairs	...	...	...	...	3,150	3,150
British Burmah—						
Minor Works and Repairs ...	...	...	...	2,500	3,500	6,000
	...	...	...	3,500	10,650	14,150
Grand Total ...	...	...	3,98,954	1,38,191	3,07,774	8,44,919
Less debitable to Budget Grant of Indo-European Telegraph Department ...						4,700
						8,40,219
Add for Establishment						1,93,209
„ Tools and Plant						8,638
„ Roorkee College Establishment						2,37,133
Total ...						12,79,199
or to make the total grant an even one						12,78,900

No. 537. From the District Engineer, Ganjam, 3rd Nov. 1876, No. 77.
No. 538. From do. Vizagapatam, 30th Sept. 1876, No. 1,339.
No. 539. From do. do., 20th Oct. „ „ 1,480.
No. 540. From do. Godavery, 4th „ „ „ 1,861.
No. 541. From do. Kistna, 23rd Sept. „ „ 76.
No. 542. From do. Nellore, 4th Oct. „ „ 111.
No. 543. From do. do., 3rd Nov. „ „ 131.
No. 544. From do. do., 25th „ „ „ 146.
No. 545. From do. Cuddapah, 3rd Oct. „ „
No. 546. From do. Kurnool, 2nd „ „ „
No. 547. From do. Bellary, 23rd „ „ „ 2,856.
No. 548. From do. Presidency, 25th „ „ „ 4,028.
No. 549. From do. do., 30th „ „ „ 4,104.
No. 550. From do. Chingleput, 31st „ „ „ 2,647.
No. 551. From do. do., 17th Nov. „ „ 2,904.
No. 552. From do. North Arcot, 19th Sept. „ „ 1,094.

Proceedings of the Madras Government, Public Works Department, 27th January 1877. *No.* 274.

No. 553. From the District Engineer, North Arcot, 28th Sept. 1876, No. 2,068.
No. 554. From do. South Arcot, 22nd „ „ „ 118.
No. 555. From do. Salem, 23rd Oct. „
No. 556. From do. do., 2nd Nov. „ „ 107.
No. 557. From do. Bangalore, 10th Oct. „ „ 149.
No. 558. From do. Tanjore, 21st „ „ „ 2,010.
No. 559. From do. do. 28th „ „ „ 2,047.
No. 560. From do. Trichinopoly, 3rd „ „
No. 561. From do. Coimbatore, 6th Sept. „
No. 562. From do. Nilgiris, 9th Oct. „
No. 563. From do. do., 18th „ „ No. 338.
No. 564. From do. Malabar, 7th „ „
No. 565. From do. South Canara, 18th Nov. „
No. 566. From do. Madura, 27th Sept. „ „ 2,338.
No. 567. From do. do., 13th „ „ „ 2,188.
No. 568. From do. Tinnevelly, 6th Oct. „ „ 103.
No. 569. From Consg. Architect to Govt., 2nd „ „
No. 569-A. From the Military Department, 23rd „ „ „ 5,327.

No. 570. ORDER THEREON, 27th January 1877, No. 274.

ACCOUNT, No. 33.

IN the Resolutions recorded above the Government of India make assignments to the several Presidencies on account of Imperial Public Works for the year 1877-78.

2. In paragraph 2 of Resolution, No. 1,054—68 AG, dated 8th December 1876, the Government of India have left it to the Local Government to distribute the grant allowed under Military as circumstances may require, due regard being paid to incomplete works and to the efficient maintenance and repair of buildings. The grant has accordingly been distributed as noted below :—

——	Major Works.	Minor Works.	Repairs.	Establishment.	Tools and Plant.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.
Military Buildings	2,42,320	1,14,680	2,50,000	1,52,000	16,000	7,75,000
Civil Buildings. {Postal ...	3,000	8,550	2,500	3,512		
Civil Buildings. {Telegraph ...	10,000	3,000	2,500	3,875	1,032	87,057
Light-houses	...	1,000	1,000	500		
Salt Works	15,900	8,370	13,000	9,318		
Stock and Suspense	...	...	...	...	...	25,000
	...	...	...	...	...	8,37,057

3. The following statement shows the distribution of the amount available for Minor Works under "Military" and "Other Services" for each district:—

Executive Division.		Military.	Civil Buildings.		Salt Works.	Light-houses.
			Postal.	Telegraph.		
		Rs.	Rs.	Rs.	Rs.	Rs.
Vizagapatam	Vizianagram Range.	500	...	...	...	...
Bellary	Bellary do. ...	3,000	...	...	...	...
Presidency	Presidency do. ...	5,000	...	...	...	...
Chingleput	Mount do. ...	1,500	...	...	...	...
North Arcot	Vellore do. ...	300	...	...	...	...
Salem	Oossoor do. ...	200	...	...	...	...
Bangalore	Bangalore do. ...	3,000	...	...	...	...
Trichinopoly	Trichinopoly do. ...	1,700	...	...	...	...
Coimbatore	Coimbatore do. ...	300	...	...	...	...
Nilgiris	Nilgiri do. ...	1,500	...	...	...	...
Malabar	Cannanore do. ...	1,000	...	...	...	...
	Calicut do. ...	1,000	...	...	...	...
South Canara	Mangalore do. ...	300	...	...	...	...
Tinnevelly	Tinnevelly do. ...	200	...	...	...	...
At the disposal of Government.	Presidency do. ...	95,180	8,550	3,000	8,370	1,000
	Total ...	1,14,680	8,550	3,000	8,370	1,000

District Engineers will observe that Rupees 19,500 only are at their disposal for appropriation under Military; the balance is held at the disposal of Government for Incomplete Works and other demands which may not be specially provided for in the budget.

4. The grants for Minor New Works, Postal, Telegraph, Light-houses and Salt Works, have been held at the disposal of Government, and will be allotted on application by District Engineers, who will explain the necessity for the demand in each case.

In the statement which accompanied Resolution No. 1,022—41 A G, dated 29th November 1876, Rupees 15,370 have been granted for the approach to the salt-platform at Timmalapenta in the Nellore District. As the District Engineer has only applied for Rupees 5,000 for expenditure in 1877-78, the difference, Rupees 10,370, has been distributed as follows:—

	Rs.
Reserve under Salt Works	3,370
Imperial share of East Coast Canal within the Chingleput limits based on the average expenditure of the past five years under Repairs ...	7,000
	10,370

5. The grant for establishments under Military and Other Services, Imperial, is Rupees 1,69,205. The grants from Other Services will be shown in the orders reviewing the Provincial Budget.

Proceedings of the Madras Government, Public Works Department, 27th January 1877. No. 274.

6. The allotment for Tools and Plant is Rupees 17,032. Out of this amount, Rupees 7,300 are required for London supplies, leaving a balance of Rupees 9,732, which amount has been distributed in Part IV of the Budget.

(True Extract.)

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Secretary to Government.

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

Exd. E. C. Shunker.

Spare Copies

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 27*th January* 1877.

No. 571.

No. 275.

FROM

LIEUTENANT-COLONEL J. MULLINS, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

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

ACCOUNT, No. 33-A.

SIR,—I am directed to forward herewith the Imperial Budget Estimates, Buildings and Roads Branch, for the year 1877-78 in manuscript, together with the Proceedings * of Government thereon.

* No. 274, dated 27th January 1877.

2. Printed copies will follow.

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

Lieut.-Colonel, R.E.,
Secretary to Government.

Exd. E. C. Shunker.

Spare Copies

Part III. Repairs

Detail of Estimates for 1877-78.

		1877-78 Amt	1877-78 Total	1876-77 Amt	1876-77 Total
Military					
Rest Houses					
Minor repairs to Buildings	*Coimbatore Range* 200				
	Irrigation Range 200	400	400	400	400
Civil Buildings					
Repairs to Postal & c. buildings	*Coimbatore Range* 100				
	Irrigation Range 50				
	Carvar Range 50	200	200	200	200
Agricultural (Provided for in the Irrigation Deptt. Budget)					
Supdg Engr's Office					

Inspection Col RE

Supdg Engr Coimbatore

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

Main Head	Imperial	Local	Total
Military	400	-	400
Civil Buildings	200	-	200
Agricultural (Provided for in the Irrigation Deptt Budget)			
Total Rupees	600	-	600

Suptg Engrs Office
Coonoor 6 Septr 1876

Thomason Capt RE,
Suptg Engr Coimbatore

P.W.D.

9SEP76

From

No.

The Supg Engineer,

Coimbatore

To

The Secretary to Govt

D.P. Works

Madras

Dated 6th

Read } Septr/76

Imperial Fund

Part III. Repairs

Detail of Estimates

for 1877-78.

P.W.D.

No. 93[illegible]76

From No. [illegible]

The Superintending Engineer,

Coimbatore

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

Camp Coonoor
Dated 6th September 1876.
Received

Part II

Detail of Estimate for
original works for
1877-78.

Nil

for Superintending Engineer, Colonel R.E.
Supdg Engineer, Coimbatore

Statement of the sums required for Minor Works to Cost less than 500 Rupees each

15

District	For Minor Works under Civil Buildings	For Minor Works under Medical Charges	For Minor Works under Civil Buildings	Total of Minor Works Estimates &c. &c. 500 Rupees	
Coimbatore For Rest Houses	500.	Provided for in the Irrigation Department Budget			1,000
" " Postal Buildings			500		
Supdg Engrs Office Coonoor 6th Sept. 1876					

Approved Colonel R.E.
Supdg Engr Coimbatore

P.W.D.

Provincial — Madura District. Part III.

Detail of estimate for original Works for 1877-78.

Project —

Executive Division	No.	Locality	Description	Amount of Estimate	Expenditure up to 31st March 1877	Estimate for 1877-78.	Remarks or References.
			Original Works.				
			Civil Buildings.				
			Judicial Department				
			Court Houses.				
Madura Range	1	Permagoody	District Moonsiff's Court	12,700	"	5,000	G.O. No. 1128 dated 8th May 1876. Rep. No. 2311 of 1876.
			Miscellaneous.				
			None.				
			Revenue Department				
			General District & Divisional Cutcherries.				
			None.				
			Taluq Cutcherries.				
Dindigul Range	2	Peraiolum	Taluq Cutcherry at Peraiolum	28,836	25,622	3,214	Item No. 180 of Provincial Budget of 1876-77.
Do.	3	Pulney	Do. at Pulney	23,305	21,302	2004	Do. No. 19 of Do.
Madura Range	4	Madura.	Deputy Tahsildar's Cutcherry & Subsidiary Jail at Madura.	15,280		10,000	Plan & Estimate have been submitted to Govt. for sanction on the 31st July 1876 with the Collr's letter No. 1566 dated 29-8-76.
			Carried over.			29,218	

Madura (Part II) District

Executive Division — Detail of Estimate for original Works for 1877-78.

No.	Locality	Description	Amount of Estimate	Completed according to Estimate of 31st March 1877	Estimate 1877-78	Remarks or References
		Brought forward			29,218.	
		General purposes.				
Madura Range	5.	Madura. Preservation of Sriroomala Naiker's Palace and offices in it.	1,28,620	65,116	50,000	Item No 62 in Provincial Budget 1876-77.
		Total Civil Buildings			79,218	

Madura District.

Part V.

Detail of Estimate for original Works for 1877-78.

Executive Division.	No.	Locality	Head.	Description	Amount of Estimate	Completed Estimate of this work for Travel. 77	Estimate 1877-78.	Remarks or References.
				Communications.				
				Main Roads				
Dindigul Range	6	Perumalmalai Salvg		New Goodaloor Ghaut & head from its foot to Goodaloor	69,624	67,356	2,268	52815-64 to 75-76 Item No. 68 of the Provincial Budget for 1876-77 G.O. 764 of 8/3/76
Do.	7	Do.		Opening Ghaut from Rodicund to Agathal Saddle 12 feet in width 8 miles at Rs. 2,000	16,000	12,000	4,000	G.O. 3157 of 5/11/76 Item No. 69 of Do.
				Total Communications			6,268	
				Tools and Plant				
				Floating Plant				
Madura Range	8	Pamiburai		Constructing a hand Dredging and 4 mud Boats	3040 3800 10040 17840 17840 17840 4800 4800			G.O. 23-9-76 7/9/76

District	Ranges.	For minor new works under Civil Buildings	For minor new works under Communication	For minor new works under Miscellaneous Public Improvement	Total Minor new works estimated to cost less than 500 each	Remarks.
	Madura Range	200			200.	
Madura District						
	Dindigul Range	200			200.	
		400			400.	

District Engineer's office
Bodinaut 27th September 76.

Lieutenant Colonel R.E.
District Engineer of Madura.

8.

Estimate 1876-77

Original

500 3500
3000
400 900

500

P.W.D.
20OCT76
No.

Quebec 4 in a letter from the Asst Engr Madura to Exec Engr Q Gen's Lr 2358 of 27-9-75.

Madura Dist.
Provincial
Public Works Estimate
For original Works
For 1877-78.

Provincial
Madura District
Part III
Detail of Estimate for Repairs for 1877-78.

			Estimate 1877-78 Amount	Estimate 1876-77 Total
		Repairs		
		Civil Buildings		
		Judicial Department		
Madura Range	Court Houses		500	
Dindigul Do	Do		50	
		Revenue Department		
Madura Range	General District & Divisional Kacheries		200	
Dindigul Do	Do		200	
Do	Taluq Cutcherries	1000	1100	3500 3500
Madura Do	Do	500	550	3000
Dindigul Do				
		Custom Deptt		
Madura Range	Custom Houses		100	
		Salt Department		
Do	Depôts & Deptt Cutcherries		150	Estimate
		Prison Deptt		
Do	District Jail		200	
		Educational Deptt		
Do	Schools		200 X	500
		Ecclesiastical Deptt		
Do	Churches		50	
Do	Cemeteries		100	
Do	Do		50	
Dindigul Do Madura Range	Public Works offices		50	3,500

	Communications			
Divisional Range	Maintaining Road from foot of Ghaut to Travancore frontier 4 Miles at Rs. 330 per Mile	1320	1320	
Do	Do from foot of Ghaut to Goodaloor 4 Miles at Rs. 110 per Mile	440	440	
		1760	1760	
	Mis: Pub: Improvement			
	Aids to Marine Navigation			
Madura Range	Maintenance of Sand bank Channel at Paumbum	6000	6000	6000
	Tools and Plant			
Madura Range	Maintenance of Plant at Paumbum G.O. No 1876 dated 24th July 1873	1300	1300	1300

Lieut Colonel R.E.
District Engineer of Madura

District Engineer's Office
Madura 27th Sept 1876.
Despd 30th Do

P.W.D.
20676
No.

Madura District
Provincial Part III.
Detail of Estimate
for Repairs &c.
1876-78.

Encl: 5 vide letter from
Dist: Engineer Madura
to Supt: Govt: Press
No 253 dated 29-7-76.

Provincial

Abstract of Demands for Madura District corresponding with the Draft Budget for 1877-78.

	Original works	Minor new Works	Repairs	Tools & Plant	Total
Madura District					
Civil Buildings	70,218	400	3500	200 ×	74,318
Communications	6268		1760		8028
Mis: Public Improvements			6000	1300 *	25,140
				17,840	

× For Purchase & Repairs of Tools.

* For Maintenance of Plant at Pamban vide detailed Estimate for Repairs.

† For Conch & Land dredge & 4 Mud Boats vide detailed Estimate for original works.

Wm: T. Trevor Lieut Col RE
District Engineer of Madura

District Engineer's Office
Madura the 29th Septr 1876.
Despd 30th do

P.W.D.
20CT76
No.

Roderwal
27-9-76.
Sept 30 — do —

Assistant Engineer 1st Grade
Roderwal Division

Encl: 1. in a letter from the dist. W.O. Madura to the Supt. Govt. P.W.D. 20.1.76
No. 2338 dt 27-1-76.

Madura District
Imperial Part II

Detail Estimate for original Works for 1877-78.

Imperial

Abstract of demands for Madura Corresponding with the Draft Budget for 1877-78.

	Original Works	Minor Port Works	Repairs	Total
Madura District				
Military	"	"	"	
Civil Buildings	"	"	200	200
Tools and Plant	"	"	"	100
Total	"	"	200	300

Dy Engrs office
Kodaikanal 27th Sept 1876.
Despd 30 — do

Lieut. Colonel R.E.
District Engineer of Madura

P.W.D.
20176
No 119

Received in the Office of the Chief Engineer & Secretary to the Govt. of Madras P.W.D. on the 29-7-76

Madura District
Imperial

Abstract of demands for Buildings & Roads for 1877-78.

Madura Division
Imperial

Detail of Estimates for Repairs for 1877-78.

		Estimate 1877-78 Amount	Estimate 1877-78 Total	Estimate 1876-77 Amount	Estimate 1876-77 Total	Remarks or References
Military						
None						
Civil Buildings						
Madura Ranges / Dindigul Ranges	Buildings Postal	50 / 50		100		Budget for 1876-77.
Madura Ranges	Do. Telegraph	100		100		
			200		200	
Madura Ranges / Dindigul Ranges	Roads & Plant	50 / 50	100	100	100	

Dy. Engineer's Office
Kodaikanal 27-7-1876.
Despd 30-7-76

Lieut. Colonel
District Engineer of Madura

P.W.D.
20176
No.

Encl: 2 in a letter from
the District Engr. Madura
to the Secy to Govt P.W.D.
No. 2188 dated 13th Sept 1876.

Madura District
Imperial Cart No III.

Detail of Estimate
for Repairs for 1877-78.

No. 2188. District Engineer's Office
Madura 13 September, 1876.

From

Lieut. Colo. J. F. Fischer. R. E.
District Engineer, Madura

To

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

Sir,

Encl: 6

Impl. { 2. Detailed Estimates / 1. Abstract

Prov. { 2. Detailed Estimates / 1. Abstract

I have the honor to submit herewith the Imperial and Provincial Budget Estimates for 1877-78 for the Madura District together with Abstracts of demands under the several Budget heads.-

I have the honor to be
Sir,
Your most obedient Servant
[illegible] Lieut. Colo
R. E.
District Engineer

P.W.D.
15SEP76
No.

C.E. No. T/998 of 20 - Sept 0/76.

From

The District Engineer
Bradura

To

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

Dated 13 Septr 76

Rec'd 15 "

No. 2188

Encls: 6 + P.C. to D.O.

Budget Estimates for
1877-78 - Submitted
Imperial & Provincial
Estimates - with abstracts
of Establishments.

G.C. No. 2748 of 1-1-77

District Engineer's Office
Rodiacaud 27 September 1876
Despd 30 — do

No. 2338

From

Lieutt Colo J. H. Fischer R.E.
District Engineer Madura

To

Major General G. J. Walker R.E.
Secretary to Govt P.W.D.
Madras

Sir,

Encls—6.
Imperial { 2. Detail Estimates
1. Abstract
Provincial { 2. Detail Estimates
1. Abstract

I have the honor to forward herewith the Imperial & Provincial Budget Estimates for 1877-78 for the Madura District prepared agreeably to the instructions contained in your Memorandum No. T/993 dated 20th instant.

2. The Budget Estimate for Irrigation works has already been submitted to the Chief Engineer for Irrigation on the 13th instant.

I have the honor to be
Sir
Your most obedt servant
J. H. Fischer Lieut-Colo R.E.
District Engineer of Madura

P.W.D.
20OCT76

Kistna District

Part III

Detail of Estimate for Repairs for 1877/78

Description of work	Estimate for 77/78 Amount	Total	Estimate for 76/77 Amount	Total
Imperial				
Ordinary				
Military				
Jail				
Other Services				
Civil Buildings				
Guntur Dy. Minor Repairs to Postal Buildings		50		
Bezwada " " do do		100		
Nundigama " " do do		50		
		200		
Minor Repairs to Telegraph Offices				
Guntur Dy.		50		
Bezwada " do do		50		
Masulipatam " do do		100		
		200		
Miscellaneous Public Improvements		400		200
Masulipatam Minor Repairs to Light house at Masulipatam	X 300	300		
		700		200

N.B. 100 Rs granted under each head Postal & Telegraph Depts hitherto granted is found utterly insufficient.
2 Masulipatam Light houses have not been repaired for the last 2 years so they may require some repairs in 1877/78

X The old Masulipatam Light House is to be sold for Rs 5,000 & a new one built for Rs 25,000

Superintending Engineer
Bezwada
23d September 1876

Lt Colonel
Superintending

Major RE
Engineer

G.O. No 274, 27-11-77

Received 25 Oct 1876
From Superintending Engineer
Kistna District
Bezwada

To Secretary to Govt
P.W.D.
Madras

Imperial & Provincial
Budget Estimate for 1877-78
for the Kistna District

Forwarding the — and
explaining that the
Estimate for this district
will be submitted to the Chief
Engineer for Religion-

P.W.D.
295EP76

No.

Part III.

Budget Estimate for
Repairs, Improvements, &c.
1911/12, Krishna District

Kistna District

Part II

Detail of Estimates for Original Works for 1877-78.

Executive Division	Number	Locality	Project Description		Amount of Estimate	Corrected Estimate vide Letter No. 31 dated 8/77	Estimates for 1877-78	Remarks & References.
			Imperial					
			Ordinary					
			Original Works					
			Military					
			Lil					
			Other persons					
			Civil Buildings					
			Postal					
Bezwada Division	1	Bezwada	Constructing Compound Wall and Gate to Post Offices at Bezwada	Miscellaneous Public Improvements	3,300	300	1	Estimate under revision at the request of Inspecting Post Master. It will be sent to him shortly
Masulipatam Do	2	Divi Point	Constructing Beacon at false point between Nizampatam & Divi		Probable 5000	5000	2	Estimate will be sent shortly
						5300		

Superintending Engrs Office
Camp Bezwada
23d September 1876

Lieut

Lieut Major R.E.
Superintending Engineer, Kistna

No. 1

Kistna District
Part V

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

	Navigation	Machinery for Mills	Surveying & Mathematical Instruments	Miscellaneous Plant Tools	Office Furniture	Camp equipage	Repairs and Carriage	Total
	1877-78 1876-77	1877-78 1876-77	1877-78 1876-77	1877-78 1876-77	1877-78 1876-77	1877-78 1876-77	1877-78 1876-77	1877-78 1876-77
Imperial								
Ordinary								
New supplies								
None								
Repairs				50 - 50			100 -	
Total				50 - 50			100 -	

Supdg Engr's Office
Camp Bezwada
23d Sept 1876.

Received in the Secretariat Office
Fort St George 3/10/76

(Signed) J. C. Paske Major R.E.
Supdg Engineer Kistna

P.W.D.
29 SEP 76
No.

From
The Superintending Engr
Kistna

To The Secretary
to Government P.W.

Dated 23rd September 76
Received

Part II

Budget Estimate of original works Imperial for 1877/78. Kistna District.

No. 6986/76

No. 76 Supp. Engrs. Office R.C.
Camp Belgaum
23rd September 1876.

From

Major J. O. Hasted R.E.
Superintending Engineer, Kistna

To

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

Sir,

I have the honor to submit herewith my Budget Estimates, as per margin, for ensuing year 1877/78.

	Imperial Rs	Provl Rs
Part II Original Works	5300	134712
Do Repairs Do Works		500
Part III Repairs	700	6400
Tools & Plant	100	800
Total	6100	142612

Vide G O No 2355 dated 27th August 1874.

2. In part II "Provincial" the original Works are entered in the order of importance required by the Civil authorities. All estimates have been either sanctioned by Government or submitted through the above authorities for sanction, except Nos. 16 and 20 which are nearly ready and will be submitted shortly.

3. The requirements under "Imperial" and "Provincial" repairs are larger than in previous years. Explanation is given at foot of Parts III of each head of service.

4. No grants were made for "Tools and Plant" "Provincial" in 1876/77. Sums are therefore essentially required for next year under

under this head, as this year's applications have been refused by me for want of funds.

I have the honor to be,
Sir,
Your Most obed Servant

John Allen Major RE
Superintending Engineer, Nellore

Mch

P.W.D.
2938276
No.

From.
The Supg Engineer, Kistna

To,
The Secretary to Govt
Public Works Deptt

Dated 23 September 1876
Received 26 " "
No 76.

2 Encls.

Budget estimates

Submits ——
of Imperial and Provl
for 1877-78. Kistna
District.

South Arcot District

Imperial Budget Estimate for 1877-78

Part II

Detail of Estimate for Original Works

Projects

Executive Division	No.	Locality	Description	Amount of Estimate	Computed expenditure up to 31st March 1877	Estimate for 1877-78	Remarks or References
			Military				
			Nil				
			Civil Buildings				
			Nil				
			Salt Works				
Viridacicellum	1	Karigoshti	Ylts Karigoshti Projects	60,000			G.O. No 1022 of 26th April and 1579 of 23rd June 1876
			Total Salt works	60,000			Detailed plans and Estimates will be submitted as soon as possible
			Total Imperial Original Works	60,000			

+62,32,190 allotted as recommended for 1876-77 G.O. No 1022 of 26 April 1876

N.B. An Estimate of Rs. 1670 for a 6th Class Post Office at Porto Novo was submitted to the Post Master General on the 24th January 1874 at his request.

John Watson
Ag. Collector

W. M. Reid Major R.E.
District Engineer

Part III

Estimate for Repairs for 1877-78.

	Estimate for 1877-78. Amount	Total	Estimate for 1876-77 Amount	Total
Civil Buildings				
Cuddalore Division				
Repairs to Postal Buildings		100		
Tindivanum Division				
Repairs to Postal Buildings	50	150	100	

Dist. Engr's Office, Arcot
Camp Panruty
22d September 1876
Sept 28th — do

W. Reid Major R.E.
District Engineer

do
The Chief Engineer
P. W. D.

P.W.D.
29SEP76
No. 1116

Superintending Engineer's Office
Received 29th Sept 1876
Superintending Engineer's Office
Received 29th Sept 1876
Superintending Engineer's Office
Received 29th Sept 1876

CONTENTS.

	Pages.
Budget Estimate :—	
Part I.—Abstract of Estimated Charges	4 & 5
,, II.—Detail of Estimate for Original Works	6 & 7
,, III.— Do. for Repairs	8
,, V — do — for Tools & Plant ----------	9

NORTH ARCOT DISTRICT.

Imperial Budget Estimate of the Public Works Department for 1877/78.

PART I.—SECTION A.

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

	Reference to Detailed Estimate.	Estimate. 1877/78	Estimate. 1876/77	Total. 1877/78	Total. 1876/77
Original Works.					
Military	647	1500	2.000		
Civil Buildings	647	750	"		
				2,250	2,000
Repairs.					
Military	8	4,000	4,000		
Civil Buildings	8	200	150		
				4,200	4,150
Tools and Plant	9	60	60		
				60	60
Grand Total ...				6,510	6,210
Increase ...				300	

NORTH ARCOT DISTRICT.

Imperial Budget Estimate of the Public Works Department for 1877/78.

PART I.—SECTION B.

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

	Reference to Detailed Estimate.	Estimate. 1877/78	Estimate. 1876/77	Total. 1877/78	Total. 1876/77
Public Works.					
Military	647	1500	2,000		
Original Works	8	4,000	4,000		
Repairs				5,500	6,000
Other Services.					
Civil Buildings ... Original Works	647	750	"		
Civil Buildings ... Repairs	8	200	150		
				950	150
Tools and Plant	9	60	60		
				60	60
Total ...				6,510	6,210
Net Increase in 1877/78				300	

NORTH ARCOT DISTRICT.

PART II.

Detail of Estimate for Original Works for 1877/78

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1877.	Estimate, 1877/78	No.	Remarks or References.
			Military.					
North Arcot.	1		Grant for Minor Works, the estimated cost of which does not exceed Rupees 2,500 each			1,500	1	Rupees 1200 for constructing a school house for the 14th Regt N. I. at Vellore, for which estimate was submitted to the Chief Engineer Public Works Deptt with letter No. 740 of 2nd April 76. Rupees 300 for Minor Works generally
			Total Military...			1,500		Car 2585 brought to credit of Military
			Civil Buildings. *Postal.*					
	2		Grant for Minor Works, the estimated cost of which does not exceed Rupees 2,500 each			500	2	For Minor Works generally
			Total Postal			500		
			Telegraph.					
	3		Grant for Minor Works, the estimated cost of which does not exceed Rupees 2500 each			250	3	—do— —do—
			Total Telegraph			250		
			Total Civil Buildings			750		

Main Heads.	Total.
Military	1500
Civil Buildings ...	750
Total ...	2,250

North Arcot,
District Engineer's Office,
Vellore 19th September 1876.

Lewis Henderson Major R.E.
District Engineer, North Arcot.

NORTH ARCOT DISTRICT.

PART III.

Detail of Estimate for Repairs for 1877/78

	Estimate 1877/78		Estimate 1876/77	
	Amount.	Total.	Amount.	Total.
Military.	Rs.	Rs.	Rs.	Rs.
NORTH ARCOT				
Vellore Range. I. Compensation or rent for Quarters	500			
II. Rent of buildings for accommodation of Troops	"			
Vellore Range III. Repairs to Cantonment roads	1,110			
IV. Repairs to roads leading to Chittoor Ranee Ketchery & Dal-housie	"			
Wallajah Range V. Repairs to buildings Rs. 899				
Vellore Range —do— —do— " 1500	2,390			
Total Military ...		4,000		4,000
Civil Buildings				
Minor Repairs to ~~Telegraph and~~ Postal Buildings	100			
D^o to Telegraph —do—	100			
		200		150
Total Civil Buildings ...		200		150

NORTH ARCOT,
District Engineer's Office,
19th September 1876.

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

North Arcot District

Part V.

Detail of Estimate for Tools and Plant for 1877/78

Description of Articles.	Estimate 1877/78	Estimate 1876/77
New Supplies		
—None—		
Repairs & Carriage from place to place	60	60
Total	60	60
Supplies from England not included in the Estimate for Works	"	
Grand Total	60	60

North Arcot
District Engineer's Office
Vellore 19th September
1876.

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

(9)

North Arcot District

Part III

Detail of Estimate for Repairs for 1877/78. (Impe

		Estimate 1877/78	Deta 187
		Amount	Total Amoun
Military			
North Arcot District	**Military Buildings**		
	Accommodation for Native Infantry		
Wallajah Range	Repairs to Buildings	840	
Vellore Range	do do	1,500	
	Rest Houses		
Wallajah Range	Repairs to Buildings	50	
	Military Roads		
	Cantonment Roads		
Vellore Range.	Repairs to Cantonment roads	1110	
	Compensation for rent of quarters Military Subordinates		
Vellore Range	Compensation for rent of quarters to Military subordinates	250	
	Medical Subordinates		
Vellore Range	Compensation for rent of quarters to Medical Subordinates	250	
	Military	4,000	
	Other services		
	Civil Buildings		
	Postal		
Vellore Range.	Repairs to Postal Buildings	100	
	Telegraph		
Vellore Range	Repairs to Telegraph Buildings	100	
	Communications Civil Buildings	200	
	Miscellaneous Public Improvements None		
	None		
	Total	4,200	

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

Lieut Swinley R.E. Majr
District Engr
North

North Arcot District

Detail

(9)

No. T/1007.

Returned to the District Engineer, who will be so good as to classify the amount to be required under Repairs with reference to S.O. No 325 of the 1st February 1876.

Warrants to be issued

Sd/ Under Secy. to Govt.

P.W.D.

23 Sept 1876.

P.W.D.
21 SEP 76
No. 6886

From,

The District Engineer
North Arcot

To

The Secretary to Government
Public Works Department
Madras

Dated 19th September 1876.
Recd.

No. 1994

Enclosure. None.

Imperial Budget Estimate for Military & Civil Works for the year 1877/78.

P.W.D.
30 SEP 76
No.

Returned

45

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

No. 2068.

From

The DISTRICT ENGINEER,
NORTH ARCOT,

To

The Secretary to Government
Public Works Department

Sir,

I have the honor to submit Part III, Imperial Budget for 1877/78 Repairs duly revised with reference to your Memo No. T/1007 dated 23 instant (returned)

Enclosures 1
1 Original Budget with Revised Part-III

I have the honor to be,
Sir,
Your most obedient Servant,
Vanderpant Major R.E.
District Engineer, North Arcot.

Imperial Budget Estimate of the Consg Architect's Division for 1877-78.

Part I. Section B.

Abstract of Estimated charges for Public Works of the Consulting Architects Division for 1877-78.

	Reference to Detailed Estimate	Estimate 1877-78	Estimate 1876-77	Total 1877-78	Total 1876-77
Public Works					
Military					
Original Works		"	"	"	"
Other Services					
Civil Buildings					
Original Works		1,00,000	"	1,00,000	"
Establishment		"	"	"	"
Tools and Plant		"	"	"	"

Consg Architects Office
2d October 1876

P. V. Cleiveland
Consg Architect to Govt

P.W.D.
30 SEP 76
No. 5

From

The District Engineer,
North Arcot,

To

The Secretary to
Government P.W.D.

Dated 28 } Sept 1876.
Received }

No. 2068

Enclosure 1

Subject.

Submitting part III
Imperial Budget for
1877/78 Repairs duly
revised.—

Imperial Budget Estimate of the Cons.ᵍ Architects Division for 1877-78.

Part I. Section A.

Abstract of the estimated charges for Public Works of the Consulting Architects Division for 1877-78.

	Reference to detailed Estimates	Estimate 1877-78	Estimate 1876-77	Total 1877-78	Total 1876-77
Original Works					
Military		"	"	"	"
Civil Buildings		100.000	"	100.000	-
Establishment charges		"	"	"	"
Tools and Plant		"	"	"	"

Cons.ᵍ Architects Office
2ᵈ October 1876

Cons.ᵍ Architect to Govt.

P.W.D.
2 OCT 76
No. 11745

From The Consulting Architect to Government

To The Secretary to Government
Public Works Dept.
Fort Saint George

Dated 2ᵈ October 1876

Received.

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

Part I Section B.

Imperial Budget Estimate

Consulting Architects' Division, Presidency District of Public Works Department

Part II

Detail of Estimate for Original Works for 1877-78

Executive Division		Project		Amount of Estimate	Computed expenditure to 31st March 1877	Estimate for 1877-78	
District	No.	Locality	Description				
			Postal				
Presidency	1	Madras	Constructing Post Office	245.010	"	50.000	G.O. No. 1135 of 15th May 1876
			Total Postal	245.010	"	50.000	
			Telegraph Buildings				
Do.	2	Do.	Do. Telegraph Office	257.192	"	50.000	Do.
			Total Telegraph	257.192	"	50.000	
			Grand Total	502.202	"	100.000	

Cons.l Architects Office
the 2nd October 1876

Asst.

R. Chisholme.
Cons.g Architect to Govt.

P.W.D.
No. 7075

The Secretary to Government
Public Works Department

Dated 2nd October 1876

Annual

Imperial Budget
Estimate for 1877/78 of the
Consulting Architects Division
Part I Section A

P.W.D.
No 7075

From

The Consulting Architect
to Government

To

The Secretary to Government
Public Works Depart.t

Dated 2.d October 1876
Received.

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

Detail Estimate

Confidential

Cuddapah District
Part III

Detail Estimate for Repairs for 1877-78

	Estimate for 1877-78		Estimate for 1876-77	
	Amount	Total	Amount	Total
Cuddapah. Minor Repairs to Postal and Telegraph Buildings	200	200	200	200
Tools and Plant	250	250	"	"

Cuddapah District
Engineer's Office
3.d October 1876

W. Mabey Capt R.E.
District Engineer

P.W.D.
5 OCT 76
No. 125

From
The Executive Engineer
Cuddapah Division
To
The Chief Engineer
&
Secretary to Government
P.W.D. Madras

Cuddapah 3rd October 1876

Budget for 1877-78
Part I
Abstract

Main Heads	Imperial	Remarks
Civil Buildings		
Postal & Telegraphs — Minor new works	500	
Postal & Telegraphs — Repairs	200	
Stores and Plant		
New Supplies	500	
Repairs	250	

Cuddapah District Engineer's Office
3rd October 1876

W. Mitchell
Collr
District Engineer

Luddapah District

Detailed Estimate for Original Public Works for Budget 1877-78

Executive Division	No.	Projects	Amount of Estimate	Computed expenditure up to 31st March 1877	Estimate for 1877-78	Remarks and References

Luddapah District
Engineers Office
3rd October 1876

D. Hellings C.E.
District Engineer

Statement of Sums required for Minor New Works under various Budget Heads 1877-78

District	Military	Civil Buildings	Roads and Plant	Total
Ahmednagar	"	500	500	1000

Ahmednagar Division
Executive Office
30th October 1876

Executive Engineer
District Engineer

P.W.D.
OCT 76
No. 7127

From
The Executive Engineer
Madras

To
The Chief Engineer
Public Works Dept.
Madras

Dated
Madras the 5th October
1876

Imperial
Budget for
1877-78.
Part IV.

Special

61

Detail of Estimate for Original Project Works for 1877-78.

Part II

Executive Division	Project Number	Project Locality	Project Description	Amount of Estimate	Computed Expenditure up to 31st March 1877	Amount of Estimate for 1877-78	Remarks or References
				Minor New Works below 500 Rs.			
				Military	Civil Buildings	Total	
Vizianagram Division				600		600	500 in 1876-77

District Engineer's Office
Waltair 30th September 1876

A. Wood Major R.E.
District Engineer, Vizagapatam.

R.W.D.
7 OCT 76
No. 7195

Part II

Detail of Estimate for

Original Works for

1877-78.

Provincial / Trichinopoly Circuit

Detail of Estimate for Original Works for 1877-78. Part II

Executive Division	Project Number	Project Locality	Project Description	Amount of Estimate	Computed Expenditure up to 31st March 1877	Amount of Estimate for 1877-78	Remarks or References.
			Original works				
			Civil Building				
			Revenue Department				
			General District and Divisional Cutcherries				
Veriianagram Division	18	Vizagapatam	Certain additions and improvements to the Collectors Cutcherry	5300	"	5300	Estimate was sanctioned in G.O. No 1966 dated 2nd August 1876. Rs 5300 in 1876-77.
D. D.	21	Parvatipore	Senior Assistant Collectors Cutcherry	3800		3800	Estimate was sanctioned in G.O. No. 2844 dated 31st August 1869, and was revised in conformity with G.O No. 1156 of 1st May 1874 and found to be complete sufficient
			Public Works Department Offices.				
D. D.	31	Waltair	District Engineers Office with accommodation for Overseers Office and Peons	7635	"	7635	Estimate was sanctioned in G.O No. 439 dated 16th February 1875.
						C.O. 16785	

Province (illegible)

Viriamagram District

Detail of Estimate for Original Works for 1877-78. Part II

Executive Division	Project Number	Locality	Description	Amount of Estimate	Computed Expenditure up to 31st March 1877	Amount of Estimate for 1877-78	Remarks or Reference
Viriamagram Division	44	Viriamagram	1st Class Range Office with accommodation for Overseer's Office and Stores	3350	B.O.	3350	Estimate was sanctioned in G.O. No. 439 dated 16th February 1875.
Seypore Division	55	Salik	Constructing a Range Office	3000	"	3000	Do. Do. in G.O. No. 138 dated 20th January 1876.
Do. Do.	65	Kordpur	Constructing combined Office for a Range Office and Overseer	4470	"	4470	Do. Do. in G.O. No. 1064 dated 21st April 1876 Est. Expd. 1200 C. 1876-77
			Total Civil Buildings.			27585	

Travancore (

Detail of Estimate for Original Part II Works for 1877-78.

Project

Executive Division	Number	Locality	Description	Amount of Estimate	Computed Expenditure up to 31st March 1877	Amount of Estimate for 1877-78.	Remarks or References.
			Communications				
			Main Roads.				
Neyoor Division	7	Neyoor	New Foundry Ghat	130400	110400 / 20000 / 67919	20,000	Revised Estimate was sanctioned in G.O. No. 803 dated 18 July 1876. Budget for 1876-77 Item No 66. Rev. Reg. No 10127 of 1876-77.
			Total Communications			20,000	

Provincial

Detail of Estimate for Original Works for 1877-78.

Part II

Executive Division

Project

Number	Locality	Description	Amount of Estimate	Computed Expenditure up to 31st March 1877	Amount of Estimate for 1877-78	Remarks or References
		Convict Labor Fund				
		Original Works				
		Civil Buildings				
		Prisons Department				
		Miscellaneous				
Jessore Division						
1	Kasipur	Completing the Pub. Jail	13,335	10,130	3,205	Estimate was sanctioned in G.O. No. 454 dated 18th February 1876. Pub. Dep. No. 9 dt. 3/8/76 - Estimate recorded with funds available - Rs. 6,000 [illegible]
		Total Convict Labor Fund			3,205	
		Grand Total			50,760	
					311 00	
			26780	3500	X	

Provincia (

Vizagapatam District

Detail of Estimate for Original Works for 1877-78. Part II

Proposed

Executive Division	Number	Locality	Description	Amount of Estimate	Computed Expenditure up to 31st March 1877	Amount of Estimate for 1877-78	Remarks or References
			Minor New Works below 500 Rupees.				
				Civil Buildings	Miscellaneous Public Improvements	Total	
Vizianagram Division				400		400	Works admissible for 1876-77

District Engineer's Office
Vizagapatam 30th September 1876

A. M. Major R.E.
District Engineer, Vizagapatam.

P.W.D.
7 OCT 76
No. 1195

Part II

Details of Estimate
for Original Works
for 1877-78

No. 4339

District Engineer's Office
Vizagapatam 30th September 1876

From

Major H.W. Wood R.E.
District Engineer, Vizagapatam

To

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

Sir,

I have the honor to submit herewith Budget Lists for Irrigation, Imperial, and Provincial works for the ensuing Official Year.

The following Statement shows the totals of the grants applied for under the several Budget Heads:

Budget heads	Irrigation			Imperial			Provincial		
	New works	Repairs	Total	New Works	Repairs	Total	New Works	Repairs	Total
Agricultural	2,000	15,000	17,000	"	"	"	"	"	"
Military	"	"	"	600	4,980	5,580	"	"	"
Civil Buildings	"	"	"	"	250	250	31,160	4,100	35,260
Communications	"	"	"	"	"	"	20,000	2,000	22,000
Mis. P. Improvement	"	"	"	"	"	"	"	500	500
Tools and Plant	"	1,500	1,500	1,700	400	2,100	650	670	1,320
Total	2,000	16,500	18,500	2,300	5,630	7,930	51,810	7,270	59,080

I have the honor to be,
Sir.
Your most obdt. Servant,
H.W. Wood Major R.E.
District Engineer, Vizagapatam

P.W.D.
703576
No. 1195

From

The District Engineer
Chingalpattu

To

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

Dated 30
Rec^d 8 } September 1876

No. 1339

Budget Lists — Sub-
mits — for Irrigation,
Imperial, and Provin-
cial Works for the en-
suing Official year.

P.W.D.
87/3176
No. 7746

Detail of Estimate

for Repairs for

1877-78

Part III Repairs.

Detail of Estimates for Repairs for 1877-78.

Executive Division	Particulars	Estimate for 1877-78 Amount	Total Amount	Estimate for 1876-77 Total Amount
	Military.			
Vizagapatam	Minor Repairs to Buildings.			
	Accommodation for European Infantry	150		
	Do for Natives Do	250	600	
	Commissariat Buildings	100		
	Ordnance Buildings	100	600	
Vizianagram	Cantonment Roads	1750	1750	1750
Vizianagram	Accommodation for European Infantry	250		
	Buildings for Staff purposes	50		
	Miscellaneous	100	400	400
	Cantonment Roads	310	310	310
	Compensation or Rent for quarters			
	Vizagapatam	1420	1920	
	Vizianagram	500		
			4980	
	Civil Buildings			
	Telegraph.			
Vizianagram.	Telegraph Buildings		100	
Do	Postal	200	248	
Golgondah	Postal	50		
		250		248
	Tools and Plant.			
Golgondah	New Supplies	"	"	
Vizianagram	Do Do	1700	500	
Golgondah	Repairs and carriage	"	"	
Vizianagram	Do Do	400		
		2,100	500	
	Total	7330	5728	

Copy sent to Genl Staff Office 1/11/76

District Engineer's Office
Camp Maduravada
20th October 1876

Approved
Major R.E.
District Engineer, Vizagapatam.

P.W.D.
27 OCT 76
No. 7746

District Engineer's Office
Camp Maduravada
20th October 1876

No: 1480

From

Major F.W. Wood R.E
District Engineer, Vizagapatam

To

Major General G.W. Walker R.E
Chief Engineer, Public Works Department
Madras

Sir,

With reference to your Memo No. T 1089 of 9 October 1876, I have the honor to submit herewith Revised Part III of the Imperial and Provincial Budgets for 1877-78, prepared in accordance with the authorized classification.

I have the honor to be
Sir
Your most Obedient Servt

A Wood Major R.E.

District Engineer
Vizagapatam.

Received 27 Oct 1876
Chief Engineer's Office
for Secretary for
1877-78.

P.W.D.
27 OCT 76
No 7746

From
The Executive Engineer
Trichinopoly Division
To the Public Engineer
Dated & Madras

Dated 20th October 1876
Despd. 21st Octobr 1876
Rec'd 25th do 1876
No 1480

Submitted Budget Estimate
for 1877-78 Requiring
Remarks &c

Trichinopoly District

Budget Estimate of probable amount required for Expenditure under Imperial Works during 1877-78.

Detail	Amount of Estimate	Probable Grants required in 1877-78	Remarks.
Imperial			
Ordinary.			
Original Works			
Military			
Miscellaneous			
A Separate infectious decease ward for European Detail Hospital	4200 " "	4200 " "	
Accommodation for European artillery			
One barrack for the accommodation of 15 men of Royal artillery	4000 " "	4000 " "	
2. Minor New Works below 2500 £	812 " "	812 " "	
Repairs			
Repairs to Buildings	10000 " "	10000 " "	
Cantonment Roads	1188 " "	1188 " "	
House rent on account of Military & Medical Subordinates on Regimental duty	4000 " "	4000 " "	

District Engineers Office
11th October 1876
Camp Madhavaraya Agraharam

James Vertue Major R.E.
District Engineer Trichinopoly

Imperial
Military

Appendix A

Trichinopoly District

List of Minor New works below Rs. 2500 recommended for Execution in 1877-78.

Description of work	Amount of Estimate	Remarks
Imperial		
Ordinary		
Original works		
Military		
Miscellaneous		
Verandah for the adults School Room Royal Artillery	700	Sanctioned in G.O. No 105 of 12th April 1873 in Rs 700 for Providing Ridge Ventilator and Verandah: the former having been Executed on a Repair Estimate the latter is estimated at Rs 600.
Ordnance Buildings		
A Bell Stand for the ordnance Depot	112	Sanctioned in G.O. No 31 of 6th January 1871.

District Engr Office
5th October 1876

Lauriston Major RE
District Engineer

18

P.W.D.
70176
7198

Imperial

Tuticorin Division

Part II. Budgets.

Details of Estimates for Original works for 1877-78.

Executive Division	No.	Locality	Project Description	Amount of Estimate	Computed Expenditure up to 31st March 1877	Estimate for 1877-78	Remarks or reference to particulars as to whether the Estimate has been prepared or sanctioned should be entered here if sanctioned by Government or India the Register No. should be quoted.
			Imperial Ordinary Original works Military Miscellaneous				
Tuticorin	1	Tuticorin	A separate infectious disease ward for European Detail Hospital	4200	Nil	4200	Sanctioned in G.O. No 2276 of 5th May 1876 Military Department urgently required. There being no place to treat Cholera or contagious disease Estimate will be forwarded in a day or two.
			Re-construction and enlargement of the European General Detail Hospital	14,100	Nil		
Do	2	Do	**Accommodation for European Artillery** One barrack for the accommodation of 16 men of the Royal Artillery	4,200	"	4000	Estimate Sanctioned in G.O. No 1871 of 24th July 1876. the execution of which is stopped in G.O. No 2080 of 12th August 1876.

Tuticorin
3rd October 1876

Major R.E.
District Engineer

P.W.D.
70076
No. 7198

Architect & Surveyor
Mech. Engineer
Public Buildings

Plans & Estimate
for repairing Court House
for 1877-78.

Imperial

Trichinopoly District

Part III Budget

Detail of Estimate for Repairs for 1877-78.

		Estimate 1877-78. Amount	Total	Estimate 1876-77 Amount	Total
Imperial					
Ordinary					
Repairs					
Military					
Trichinopoly Station — Accommodation for European Infantry		2500			
——— do ——— do ——— Cavalry		"			
——— do ——— do ——— Artillery		3500			
——— do ——— Native Infantry		1500			
——— do ——— General purposes		1000	7500		
Quarters for Officers		"			
Buildings for Staff purposes		500			
Commissariat Buildings		500			
Ordnance Buildings		500			
			2500		
Compensation for rent of Quarters Military Subordinates		3200		4000	
Medical ——— do		800			
Military Roads					
Cantonement Roads		1188		1188	
Total Military		15188	15188	12688	12688
Civil Buildings					
——— Civil					

Trichinopoly 3rd October 1876

To The Chief Engineer & R.M. Madras

Lawrence Major R.E.

Divisional Engineer Trichinopoly

Provincial — Kellowe District

Statement showing the sums required in 1877-78 for Minor New Works

District	Provincial Civil Buildings
Kellowe	400 ✓ Asked in 1876/77

District Engineer's Office
Kellowe
4th October 1876

B. Brunsfield
District Engineer

P.W.D.
No. 2
Dated 6th October 1876

From
The District Engineer
Kellowe

Engineers
Prov. Civil Buildings

Detail of Estimate
for Repairs for
1877/78.

P.W.D.
78/78
No. 7201

From,
The District Engineer
of Kellore
To
The Secretary
to Government
P.W.D.
Fort St. George

Dated 4th October 1876
Recd 5th do
Acct'd

Provincial
Statement shewing
the sums required
for Minor Renewals
in 1877-78.

Provincial — Nellore District

Detail of Estimate for Tools and Plant
for 1877-78

District	Supplies Tools &c.	Repairs and Carriages from place to place	Grand total
Nellore	1000	100	1100

District Engineer's Office
Nellore
4th October 1876

District Engineer

P.W.D.

7017
7201

From
The District Engineer
of Salem
&
The Secretary
to Government
of Madras
Fort St George

Dated 4th October 1876
Desp. 5th ——— do ———
Recd

(Provincial)

Detail of Estimate
for Fort St David Court
for 1877-78.

Provincial

Nellore District.

Part II

Detail of Estimate for Original Works for 1877-78.

Executive Range. Number.	Locality	Description of Works	Amount of Estimate	Contributed Expenditure upto 31st March 1877.	Estimate for 1877-78	Remarks and references.
		Provincial.				
		Original Works.				
		(1) Civil Buildings.				
		Imperial Services.				
		A. Judicial Department.				
		I Court Houses.				
Central 1.	Kavali	Constructing a District Munsiff's Court at Kavali.	11.060	-	6000	G.O. No. 149 of 19th March 1875.
		B. Revenue Department.				
		II Salug Cutcherries.				
Northern 2	Kanigherry	Constructing a 1st Class Salug Cutcherry at Kanigherry	29.650	26.650	3.000	G.O. No 3229 dated 12th November 1875 Provincial Buoget of 1876-77 Item No. 6.
Southern 3.	Venkatagherry	Do 2nd Class do at Venkatagherry	12950	11376	1574	G.O. No 1938 dated 8th July 1875, Provincial Buoget of 1876-77 Item No. 8.
do 4	Sulurpett	do 2nd Class do at Sulurpett	12830	11647	1183	G.O. No 2421 dated 26th August 1874. Item No. 7 of Buoget of 1876-77.
Central 5	Rapur	do 1st Class do at Rapur	28.350	26.346	2004	G.O. No 690 dated 17th March 1876. Item No. 9 of Buoget of 1876-77.
do 6	Udyagirry	do do do at Udyagirry	27.930	26.396	1534	G.O. No 690 dated 17th March 1876 Item No 10 of Buoget of 1876-77.
Northern 7	Darsi	Enclosement to the Salug Cutcherry at Darsi	9180	828	5.000	G.O. No 222 dated 28th August 1874
		Projection to Salug Cutcherry at Darsi				

Provincial — Nellore — District.

Part II.

Detail of Estimate for Original Works for 1877-78.

Proyect

Executive Engineer's Number	Locality	Description of Works	Amount of Estimate	Contributed & Expenditure upto 31st March 1877.	Estimate for 1877-78	Remarks and references.
Northern 8	Addanki	Improvements to the existing Cutcherry and Construction Subsidiary buildings at Addanki	7760	569	4.500	G.O. No. 222 dated 28th August 1874.
Southern 9	Allur	Alterations and Improvements to Sub Magistrates Cutcherry at Allur with out buildings	6870	257	3.500	G.O. No. 222 dated 28th August 1874
do 10	Nellore	Constructing a 1st Class Subg Cutcherry at Nellore	×27.100	6957	8000	G.O. No. 43 dated 5th August 1874. Estimate submitted with letter No. 59 dated 23rd October 1875.
do 11	Kola	Constructing a 2nd Class Subg Cutcherry at Kola	×14.800	Returned to P.E. 14-9-76	5000	G.O. No. 1385 dated 10th December 1873. Revenue Department. Revised Estimate submitted with Letter No 89 dated 29 August 1876.
Northern 12.	Ongole	Improving Ventilation of Ongole Subjails Prison cells			450.	Estimate will be submitted
					35,745	
		F. Police Department. Police Stations.			4.000	
		G. Educational Department. II Schools.				
Northern	Ongole	Constructing Anglo-Vernacular School at Ongole	9100	do 8100 in Budget of 1876-77	4500	G.O. No 182 dated 21st December 1874, Provincial Budget of 1876-77, Allow No. 47. +Estimate submitted to the Director of Public Instruction with letter No. 86 dated 10th July 1876.

+ Not received in Chief Office

Provincial — Nelson District.

Part II

Detail of Estimate for Original Works for 1877-78.

Proposed

Executive Engineer's Number	Locality	Description of Works	Amount of Estimate	Contributions & Expenditure up to 31st March 1877.	Estimate for 1877-78	Remarks and references.
		I. Public Works Department.				
		I Obliged.				
Central /	Almaatur	Constructing a Range Office at Almaatur	3570		3570.	G.O. No 666 dated 12th March 1874.
Northern 2	Anjole	Constructing Outhouses for the Range Officer's Quarters at Anjole	"		1270	Estimate will be submitted.
			Total		4780	
		(2) Communications.				
		II. District Roads.				
Southern	Nellore	Raising road from Civil Dispensary to the New Bridge	3900	6	3894	G.O. No 203 dated 29th April 1876.
		III Canals.				
East Coast / Canal		Extension of East Coast Canal from Kistnapatam to Runair	274.000	2,6000 / 15,6000 / 125.000 / 4,59,476	149.000	G.O. No 814 of 23rd March 1875. G.O. No 1716 of 18th June 1875. G.O. No 157 by 4th January 1876 Provincial Budget of 1876-77 Item No. 75.
2		— do — do — do from Runair to Chippalair	"		100,000	G.O. No 1716 dated 18th June 1875. Provincial Budget of 1876-77. Item No. 75. Estimate will be submitted shortly
			Total		249,000	
		Convict-Labor Funds.				
Northern /	Kandukur	Constructing a Subsidiary Jail of 4 Wards with Cookhouse at Kandukur.	7500 / 2410 / 10.000	7.500	2.500	2,500 Rupees of 1875-76 Budget Grant and 5,000 Rupees of 1876-77 Budget Grant for Rs 7500. G.O. No 222 dated 28th August 1874. G.O. No. 1221 dated 1st May 1875.

Provincial — Nellore — District.

Part II.

Detail of Estimate for Original Works for 1877-78.

Project

Executive Engineer's Number	Locality	Description of Works	Amount of Estimate	Amount Expended upto 31st March 1877.	Estimate for 1877-78.	Remarks and references.
Northern 2	Podila	Constructing a Subsidiary Jail of 4 Wards with Out Buildings at Podila	9700	8000	1700	G.O. No 222 dated 28th August 1874. G.O. No 1221 dated 1st May 1875. Rules to Sanction Estimate No 318 - Estimate Sanctioned vide Proceedings dated 5th/6th Oct 1877 Lett No 3502
			Total		4200	

District Engineer's Office
Nellore 4th October 1876

P. Bhimasenayya
District Engineer

Provincial

Nelson District.

Part II.

Detail of Estimate for Original Works for 1877-78.

Executive Engr's Number	Locality	Description of Works Project	Amount of Estimate	Amount Expended up to 31st March 1877.	Estimate for 1877-78	Remarks and references.

P.W.D.

Imperial

Part II

Detail of Estimate for Repairs for 1877-78

Imperial — Nellore District

Part III

Detail of Estimate for Repairs for 1877-78

District	Description of works	Estimate for 1877-78 Amount	Estimate for 1877-78 Total	Estimate for 1876-77 Amount	Estimate for 1876-77 Total
	Military				
	Nil				
	Civil Buildings				
	Minor Repairs to Postal Buildings	100		100	
Nellore	Do. to Telegraph Buildings	100		100	
			200		200
	Agricultural				
	Repairs to Irrigation Channels, Tanks, Dykes & Drainage works	75,000		67,400	
			75,000		67,400

District Engineer's Office
Nellore
the 4th October 1876.

P. Bhungeeseeny
District Engineer

W.D.
76C176
7201

From
The Director General
of Public Works
To
The Secretary
to Government
of India
Fort St George
Dated 4th October 1876
Recd 5th do do
Noted 6th

Imperial
Part III
Detail of Estimate
for Repairs for
1877-78.

No 111

District Engineer's Office,
Nellore 4th October 1876.

From,
J. O'Shaughnessy Esquire,
District Engineer of
Nellore

To,
Major General G. W. Walker, R.E.,
Secretary to Government
of M. P.
Fort St George.

Sir,

I have the honor to submit the Imperial and Provincial Budgets of this District for the Official year 1877-78.

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

J. O'Shaughnessy.
District Engineer

P.W.D.
7 OCT 76
No 7201

From,
The District Engineer
Nellore

To
The Secretary to Govt
P.W.D.

Dated 6th October 1876
Despd 9th do
Rec'd
No 111
Encl 0 / 11

Memorandum Provincial
Budget for 1877-78—
Submitting the—

Provincial — Nellore District
Part III

Detail of Estimate for Repairs for 1877-78

Executive Division	Description of work	Estimate for 1877-78 Amount	Estimate for 1877-78 Total	Estimate for 1876-77 Amount	Estimate for 1876-77 Total
	Provincial				
	II Repairs				
	(1.) Civil Buildings				
	A. Judicial Department				
Division	i Court Houses	400			
	ii Miscellaneous	400	800		
Southern	B. Revenue Department				
	i General, District, and Divisional Kacheris	300			
	ii Taluq Kacheris	200			
Central Division	Do	150			
Northern Division	Do	150	800		
	C. Police Department				
Southern Division	ii Stations	200			
Central Division	Do	200			
Northern Division	Do	200	600		

Southern Division

L. Public Works Department			
i Offices	150		
ii Work shops and Factories	200	350	
K. Ecclesiastical Department			
i Churches	150	150	
		2,700	2,700
(2.) Communications			
iii Canals			
Cochranes and Sadras Canal Fund			
Northern Canal from Coovum River at Madras to Dugarazupatam	3,000		3,000
Do Do from Dugarazupatam to Kamupoor	1,200		1,200
Do Do from Kamupoor to the Kundalam near Krishnapatam	900		900
Do Do from Kundalam to Kodur	1100	6,200	5,100
			2,700

East Coast Canal Division

Deepening East coast Canal from the 47 ½ to 61st mile stone Estimate Rs 15,000			
G.O. No 955 of 29 ⅛ April 1875. Financial Department	5,500	5,000	
	5,500	5,000	5,000

District Engineer's Office
Kellore
24th October 1876

P. Bhamgeauly
District Engineer

P. W. D.

30 MAY 78

No. 7810

From

The District Engineer

of Nellore.

To

The Chief Engineer

& Secretary to Govt.

of Madras.

Provincial Budget
for 1877-78
Part III.

Detail of Estimate
for Repairs for 1877-78

No 122

NELLORE,
District Engineer's Office,
25th October 1876

FORM

From Lt Col Haughtussy R.E.
Camp Mudiveetty Palem

THE DISTRICT ENGINEER OF NELLORE,

To

Colonel W. F. Farewell
Dy Chief Engineer, D.W.
Fort St George.

SIR,

In reference to your Memo. dated the 19th Instant No. 1141, I have the honor to submit Part III of the Provincial Buoget classified with reference to the average Expenditure of the past 5 years, in the manner proposed.

I may as well mention, however, that I have no idea if the demand for work under this head of Service in 1877-78, will correspond with this classification, and I have no better means of coming to any conclusion on the subject than that which I have adopted.

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

W. Haughtussy
District Engineer.

From.
The District Enquirer
Selene
To The Dy Chief Enquirer
D.P.W.
Adelaide.

Dated 25 Oct 1876
Rec
No 122
Encl 1.

Provincial Budget
Part III for 1877-78—
Submitting — classified with reference
to the Expenditure of
the last 5 Years.

117810

Northern	9	Masonry waterShoots and brick in Channam drainage water courses to No 4 or Mavenur Salt Platform at Kamparte	780		780.	16,500

Work proposed by Rev. Department. Estimate appears to have been made by Salt Dept. Cost. they will be scrutinized & forwarded for Sanction in due course.

2 Communications.

Cankal	10	Making a road from the Trunk road near Kavali to Summalapenta Salt platform.	23580	5,343	5000	
Southern	11	Improving the approach to the Tada Salt Platform from Trunk road near Bodilingalabanda.	5.000	5000	940.	

Item No. 2 in the Salt Budget for 1876-77 — (G.O. No. 1022 of 24 April 1876.) Their Estimate was never properly sanctioned. The Original Estimate for this work sanctioned in G.O. No. 73 dated 8th January 1871, F.D. is found to be insufficient. A revised Estimate amounting to Rs. 5940 has been forwarded for Sanction through the Collector — G.O. No. 356 dated 6th February 1871.

Northern	12	Salt road from Koffolu to Venayakam near Beerangeuta	29.800	27.000	2.800	
Northern	13	Salt road from 198 Mile Great Northern road to Kamparte.	-	-	10,000	
Northern	14	Making an approach to No 1 or Chambadi Salt Platform at Beerangeuta	4223	.	4223.	
Northern	15	Approach from Beerangeuta to Devaram pond	10,000	.	3738	26,701
				Total		43,201

Good runs required. If grant is made Survey & Estimate will be prepared

Estimate & Plans of this Rev. Department will be scrutinized and submitted for Sanction.

&c

P. Thangavelu
District Engineer

District Engineer's Office
Nellore 4th November 1876

Nellore District.

Budget Estimate of funds required for Salt works for the year 1877-78.

Executive Division	No.	Description of works	Amount of Estimate	Computed Amount of Expenditure required upto 31st March 1877.	Amount required for 1877-78	Salal	Remarks.
		Imperial					
		1. Original works.					
		(1) Civil Buildings.					
		D Salt Department.					
		i Superintendents Kacheris.					
Southern.	1	Constructing Salt Kachery at Sunnapuguntu.	2100	1000	1100		× Vide G.O. No. 569 dated 3d March 1876 and No. 1022 of 24th April 1876. Estimate amounting to Rs 2100 has been forwarded for sanction through the Collector Rev. Board's Proceedings No 7007 dated 4th August 1875. × Do Copy awaited in the Board's Office
Do	2	Constructing lines for the Police Salt Guard at Soorayapatam.	4200	1000	3,200		
		iii Miscellaneous.					
Do	3	Stone revetting the North, East and West Slopes of Sunnapuguntu Salt Platforms	2500	1300	1200		Vide G.O. No. 569 dated 3d March 1876, and Item No. 3 in the Salt Budget for 1876-77 (G.O. No. 1022 of 24th April 1876)
Northern.	4	Watch Tower on the E. or Chennam Salt Platforms at Kamparte	390.		390.		Works now proposed by Rev. Department. Estimates appear to have been made by Salt Dy. Collector - they will be Scrutinized & forwarded for Sanction in due Course
Do	5	Do on No 1 or Uttarapu Salt Platforms at Do	450		450.		Do
Southern	6	Do on the Salt Platforms at Doorayapatam	400		400		Do
Northern	7	Palisade with Stone pillars and Palmyra rails round all three Salt Platforms at Veeramguntu	8130		8130		Do
Northern	8	Masonry water shoots and Brick in Chennam drainage water courses to No 1 or Uttarapu Salt Platforms at Kamparty	850		850.		Do

Enclosure in a Letter to 131
Dated 8th November 1876
From the District Engineer
Detailed Estimate of the Chief Engineer
Public Works

P.W.D.
8th 1876
No. 8065

Budget Estimate of
Funds required for
Salt works for the
1877-78

No 131

NELLORE,
District Engineer's Office,
5th November 1876

From Lt. Col. Strong Executive Engineer

To The DISTRICT ENGINEER OF NELLORE,

Major General C. H. Walker R.E.
Chief Engineer, P.W.D.
Fort Saint George.

Sir,

In reference to Government Orders Nos. 569 & 1032 dated 3rd March & 24th April 1876, I have the honor to submit a Budget Estimate of Salt works to be executed by this Department during the year 1877-78, All the works entered in the Budget Nos 4, 5, 6, 7, 8, 9, 14, 15 have been lately proposed by the Salt Deputy Collector who has been called upon to furnish the information required to enable this Office to prepare regular Estimates and submit them for sanction thro' the proper channel. When the works Nos 3 & 10 were transferred to this Department, the Collector furnished Copies of Estimates amounting to Rs 2508 & 23,580 respectively and intimated at the same

time that the works had not been formally sanctioned by Government; as however provision had been made for the works in the order above quoted, they are in progress and the Estimates will be submitted for sanction at an early date.

I have the honor to be

Sir

Your most Obed.t Servant

B. Shawshaw

District Engineer

P.W.D.
8:NW76
No 2065

D. P. W. N. L

From

The District Engineer of

Nellore.

To

The Chief Engineer

& Secretary

to Govt. of

Fort St. George

Dated 3rd November 1876

Despatched 4 —do—

Received

No. 131

Enclosures 1.

Budget Estimate of

Roll Works

Forwarded to

be executed by the

Department during

the year 1877-78.

Nellore District

Budget Estimate of Salt works under Rs. 2,000 for the Year 1877-78.

Executive Division	No.	Description of works.	Amount of Estimate	Computed Amount expenditure up to 31st March 1877	Amount required for 1877-78	Total Remarks.
		Imperial				
		Original works.				
		(1) Civil Buildings				
		(D) Salt Department				
		Superintendent's Cutcherries				
Southern	1	Constructing Salt Cutcherries at Sunnapugineta	2100	1000	1100	Vide G.O. No. 669 dated 3 March 1876. & No. 1022 of 24 April 1876. Estimate amounting to Rs. 2100 has been forwarded for Sanction through the Collector
		III Miscellaneous.				
Northern	2	Water Tower on the 4th or Nammavi Salt Platforms at Kamuparti	390	"	390	Works now proposed by Revenue Department. Estimates appear to have been made by Salt Superintendent. They will be scrutinized & forwarded for Sanction in due course.
do	3	— do — on 1st or Vettarahu Salt platforms at do	450	"	450	— do — do —
Southern	4	— do — on the Salt platforms at Sugarazapatam	400	"	400	— do — do —
Northern	5	Masonry water Shoots and brick in Channel drainage water courses to No. 1 or Vettarahu Salt Platforms at Kamuparti	850	"	850	— do — do —
do	6.	— do — do — to No. 4 or Nammavi Salt platforms at Kamuparti.	780	"	780	— do — do —
					Total	3,970

District Engineer's Office
Nellore 25 November 1876

A. Brunsdon
District Engineer

P.W.D.
29NOV76
No. 8648

Executive Engr
C.P. No 146 dated 25th
Circle Nellore
Superintending Engineer
Madras Circle
Forwarded to the Offg
Under Secretary to Govt
Public Works Department
Madras

Executive Engr
Cuddapah
No 2500 for Estimate
1877-78

No 146

NELLORE,
District Engineer's Office,
25 November 1876

Form

From J. O'Shaughnessy Esquire.
To THE DISTRICT ENGINEER OF NELLORE,

Colonel W. F. Farewell
Offg Under Secretary to Government
P.W.D.
Madras.

Sir,

I have the honor to submit a Budget Estimate of Salt works under No. 2505 to be executed by D.P.W.S. during the year 1877-78 as directed in your memo. No. 1315 S dated the 21st instant.

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

J. O'Shaughnessy
District Engineer

P.W.D.
29NOV76
No. 8648

Godavery District
Part III Repairs.
Detail of Estimate for 1877-78.

		Estimate for 1877-78. Amount.	Estimate for 1877-78. Total.	Estimate for 1876-77. Amount.	Estimate for 1876-77. Total.
Other Services.					
Civil Buildings.					
Postal.					
Eastern Delta Dr	Minor repairs	250		250	
	Telegraphs.				
Eastern Delta Dr	Minor repairs	250			
Rajahmundry Dr	do	200	250	250	
			700		500
	Tools & Plant				
Eastern Delta Dr.	New supplies	200		200	
do	Repairs	200			
do	Carriage	100	300		
			500		500
			1,200		1,000

F. Beatty - Major R.E.
Offg Supt Engineer Godavery Dt.

compd.
dbh

P.W.D.
11 OCT 76
7252

96

Godavery District
Part II

Detail of Estimate for Original Works for 1877-78.

Executive Division — No.	Project — Locality	Description	Amount of Estimate	Computed Expenditure up to 31st March 1877	Amount of Estimate for 1877-78	Remarks & References.
		Ordinary, Original Works				
		Other Services — Civil Buildings.				
		Telegraphs.				
1	Eastern Delta: Division	Constructing a Range of Quarters for the Telegraph Signallers at Cocanada	22,311		10,000	Estimate submitted to the Inspector General of Telegraphs.
2	—Do—	Minor New Works			300	
				Total Civil Buildings	10,300	
		Other Services				
		Miscellaneous Public Improvements.				
1	Ellore Division	Coal borings at Beddavole	8,000	1876/77	7,000*	* This is the same amount as for 1876/77. If Coal borings are to be continued next year, this amount will be required.

Godavery

Compd 9th

G. Beatty - Major RE.
Offg Superintending Engineer Godavery

P.W.D.
11 OCT 76
No. 7282
1

No. 1861 District Engineer's Office Cody.
Dowlaishweram 4th September 1876

From,

Major J. Beatty R.E.
Officiating Supt Engineer Godavery.

To,

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

Sir,

I have the honor to forward herewith 4 Budget Lists Parts II and III, Imperial & Provincial for the ensuing official year 1877-78.

2- From Part II, Provincial, you will observe that the authorized classification has been adopted, but the Items have not been consecutively numbered. These numbers are given in the order in which allotments should be made, as it is probable that owing to insufficient funds, the sums applied for on account of all the Items may not be available.

J.

I have the honor to be,
Sir,
Your Most obedient Servt

L. Beatty. Major R.E.
Offr Supt Engineer Godavery

P.W.D.
11 OCT 76
7269

From
The Supt. Engineer
Godavery District

To
The Secretary to Govt.
Public Works Depart.
Madras

Dated 4th October 1876

Rec.d

№ 1861

Budget Lists. Ju-
risdictional and Provincial
Parts II and III of
Forwarding—

Cuttack

Kurnool District

Imperial Budget Estimate of the P. W. Depart for 1877-78

Part I Section A

Abstract of the Estimated charges of P. Works for the year from 1st April /77 to 31st March 1878

	Reference to detailed estimate	Estimate for 1877-78	Estimate for 1876-77	Total 1877-78	Total 1876-77
Original Works					
Military Civil Buildings		.	.	.	.
Do		.	220	.	220
Civil Tools and Plant New supplies		1100	.		
Proportionate charge on ↑ of General Establisht at 10 p c		110	22		
Total for Original Works				1210	242
Repairs					
Military Civil Buildings		.	.	.	.
Do		150	610		
Tools & Plant		200	.		
Proportionate charge on ↑ of General Establisht at 10 p c		35	61		
Total for Repairs				385	671
Grand Total				1595	913

Part I Section B

Public Works					
Military	Original Works				
	Repairs				
Civil Buildings					
	Original Works		220*		
	Repairs	150	610*		
	Tools & Plant	1300	.		
	Establishment at 10 per cent	145	83		
	Total			1595	913

* Allotted in G. O. No 851 of 31st March 1876.

* do in G. Os Nos 1338 & 2364 of 30 May & 6 Sept 1876

3

Imperial Part II

Detail estimate for Original Works for 1877-78

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

Imperial Part III

Detail Estimate for Repairs for 1877-78

	Estimate for 1877-78		Estimate for 1876-77	
	Amount	Total	Amount	Total
Civil Buildings.				
Postal Buildings (Nandial Division)	50			
Telegraph Do (Kurnool Do)	100		610	
Total		150		610

Imperial Part IV

Detail Estimate for Establishment for 1877-78

Numbers 1876-77	Numbers 1877-78	Particulars	Salary of Office	Estimate for 1877-78 Rs Mensem	Rs Annum	Total	Estimate for 1876-77 Charges per Annum
		Proportionate charge on account of General Establishment at 10 per Cent			145	145	83

Imperial Part V

Detail Estimate for Tools and Plant for 1877-78

Description of articles	Estimate for 1877-78
Surveying & Mathematical Instruments	800
Machinery	"
Tools & Plant	"
Office furniture	300
Camp Equipage	"
Line Stores	"
Repairs & Carriage of Implements	200
Total	1,300

Kurnool Dist Engrs Office
2nd October 1876

H.H.46 Sub Duly 14

F.A. Goodchap
District Engineer

P.W.D.

1876

7284

From

The Dist Engineer

Tellicherry

To

The Chief Engineer

D. P. W.

Madras

Dated 8

Rec'd } October 1876

Secy's Office

Budget Estimate

of the Public Works

Department for the year

1877-78

G.O. No. 2747 dated 16/10/76

Imperial Fund
Malabar District
Part II

Detail of Estimate for original works for 1877-78

Project.

Executive Division	No.	Locality	Description	Amount of Estimate	Expenditure up to March 1877	Estimate for 1877-78	Remarks or References
1	2	3	4	5	6	7	8
			Imperial				
			Ordinary				
			Original Works				
			Military				
			Military Buildings				
			Accommodation for European Infantry				
Cannanore	1	Cannanore	Converting No 1 Range family quarters into guard room & lock up for the European Infantry Regiment	13930		14000	Sanctioned in G. O. No 3078 dated 30th October 1875. Item 45 Class C of Budget for 1876-77.
— do —	2	— do —	Plunge bath for the European Infantry Regiment	4640	101	4600	Sanctioned in G. O. No 418 dy 16th Febry 1876. Item 46 Class C of Budget for 1876-77.
— do —	3	— do —	Painting doors & windows of the Barracks married Quarters and outhouses	4430		4430	Sanctioned in G. O. No 126 dy 26th May 1873. Item 47 Class C of Budget for 1876-77.
— do —	4	— do —	Improving drainage of European Infantry Barracks square by laying down glazed pipes for waste water and open drains for rain fall	7200		7200	Item 13 Class B. of Budget for 1876-77. Revised estimate sent to Brigade Major with letter No 204 dy 26th August 1876.
			Quarters for Officers.				
Calicut	5	Calicut	Asphalting verandahs and boarding floors of Officers' Quarters at West-Hill	2700		2700	Sanctioned in G. O. No 1866 dy 3rd July 1875. Chief Engr's Memo: No 358 dy 9th August 1875.
							Total — 32,930

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

Estimated after-charges required for New Works & roads for Bihar 370 roads.

Main Roads

Imperial Roads Total

	Imperial	Ordinary	Original Works	Military	Military Buildings	Accommodations for Europeans	Infantry	Cavalry Ranges	Total
Cavalry Range								30230	" 30230
Infantry Range							2400		2400
Artillery Range									
Elephant Range									
Cattle Range									
Quarters for Officers									
Total Rupees									32930

Finished Cantonments Original Works Military Buildings

Recommendations for Enlargements Estimates

do do Estimates

Communicated Buildings

Cattle Buildings

Other Civil Works Buildings

Total

1000	"	500	600	"	"	2000
250	"	250	"	"	"	500
1250	"	750	600	"	"	2500

Malabar District.

Imperial Fund. Part III Repairs.

Detail of Estimate for 1877-78.

	Cannanore Rupees	Ruminad. Rupees	1877-78 Calicut Rupees	Ernad Rupees	Palghaut Rupees	Cochin Rupees	Total	1876-77 Total
Imperial. Ordinary Repairs. Military								
Military Buildings								
Accommodation for European Infantry	5000		2450	2450				
do do Artillery	1000		"	"				
do Native Infantry	2000		"	"				
Quarters for Officers	"		100	100				
Buildings for Staff purposes	100		"	"				
Commissariat buildings	200		100	100				
Ordnance buildings	100		"	"				
Miscellaneous	100		100	100				
	8500		2750	2750	"	"	14000	
Military Roads.								
Cantonment roads	1000	.	.	.	.	.	1000	
Compensation for rent of Quarters.								
Military Subordinates	1500	"	240	380	"	"		
Medical do	1000	"	240	"	"	240		
	2500	"	480	380	"	240	3600	
							18600	18600
Other Services. Civil Buildings.								
Postal	100	.	100	100	100	"	400	
								400
							Total Imperial	19000

Malabar Distt. Engrs. Office
Camp Tellicherry 9th Oct 1876

Lt. W. Kennedy Lt Col.
Distt. Engineer, Malabar

To The Secretary to Govt. P.W.D.
Madras with reference to No. T/1026
dated 28th September 1876.

T.C.

P.W.D.
11 OCT 76
7290

From
The Superintending Engineer,
Malabar.

To

The Secretary to
Government,
P.W. Dept.
Madras.

Dated 7th October 1876.
Recd 11th

Imperial.
Budget Estimate
for 1877-78.

Imperial — Tinnevelly District

158

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

	Original works.	Minor new works.	Repairs	Total.
Military	23,873	200	1,384	25,457
Civil Buildings	2,365	400	250	3,015
Total	26,238	600	1,634	28,472

Tinnevelly District Engineer's Office
Thermadevi, 6th October 1876

J. D. Grant
Offg Dist Engineer
Tinnevelly

P.W.D.
No 7994

From,
The Offr Dist Engineer
Innivelly
To,
The Chief Engr and
Secretary to Govt
P.W.D.

Dated 6th October 76
Recd

Innivelly District

Imperial Budget

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

Imperial Innivelly District.

Memo shewing the grants entered under Military in Part III of Imperial Budget for the year 1877-78 in the District of Innivelly Vide Memorandum from the Secretary to Govt P. W. D. dated the 13th September 1876 No 709.

	amount		amount
Innivelly Division		Shermadevi Division.	
Ordinary Repairs.		Ordinary Repairs.	
Military Military Buildings		Military Military Buildings	
Repairs to Military Buildings at Palamcottah	400 — —	Repairs to Military Buildings at Nilon	500 — —
Quarters for Officers		Military Roads.	
Compensation for rent for Quarters at Palamcottah	84 — —	Cantonment Roads at Nilon	400 — —
Total for the Innivelly Division	484 — —	Total for the Shermadevi Div	900 — —

Dist Engrs Office Innivelly
Shermadevi 6th October 1876

I. D. Grant
Offr Dist Engineer
Innivelly

P.W.D.
11 Oct 76
7294

From

The Offg Dist Engr
Imineelly

To

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

Dated 6th October 76

Rec'd

Imineelly District
Imperial Budget

Memo shewing the grants entered under Military in Part III of Imperial Budget for the year 1877-78

Imperial — Imineelly District

Part III

Schedule for Repairs Military as per G.O. No 3324 / 21st Nov 74

Heads.	Estimate 1877-78 Amount	Estimate 1877-78 Total	Estimate 1876-77 Amount	Estimate 1876-77 Total	Remarks.
Ordinary Repairs					
Military					
Military Buildings					
Quarters for Officers.					
No 2 or Imineelly Dn					
I. Compensation for rent for Quarters	814		814		
		814		814 ✓	
II. Rent for buildings for accommodation of troops	"		"		
		"		"	
Military Roads.					
No 3. or Shemadevi Dn					
III. Repairs to Cantonment Roads at Quilon	400		400		
		400		400 ✓	
IV. Repairs to other Roads	"		"		
		"		"	
Military Buildings					
V. Repairs to buildings at Quilon	500		500 ✓		
No 2 or Imineelly Dn					
Repairs to buildings at Calaimcottah	400		400 ✓		
		900		900 ✓	
Total Repairs Military		1314		1314	
Other Services. Civil Buildings					
Postal					
Minor Repairs to Postal Buildings Rs 150					
Telegraph.					
Dr to Telegraph Dr 100	250		200		
		250		200	
Grand Total		1564		1514	

Dist Engr's Office Imineelly
Shemadevi 6th October 76

Additional Asst
S. D. Grant
Offg Dist Engineer

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

From
The Offg Dist Engr
Tinnevelly
To
The Chief Engineer &
Secy: to Govt. P.W.D.

Dated 6th October 1876.
Recd

Tinnevelly District
Imperial Budget
Part III.

Schedule for Repairs

Imperial — Tinnevelly District.

Memo shewing the particulars of lump sums entered in Part II. of the Budget under Minor works, the estimated cost of which does not exceed Rs 2,500 each.

Description of works	Amount	Remarks.
Imperial		
Buildings and Roads. Branch.		
Ordinary		
Original works		
Military.		
Military Buildings		
Accommodation for Native Infantry.		
Latrine for the Cantonment of Sulur with well.	1,150 — —	an approximate rate was called for by Brigade Major in July 1875 & was furnished accordingly.
School house for a Native Infantry Regiment at Sulur	1200 — —	G.O. dt 30 50 6.11.75
Do Do at Palamcottah	1200 — —	
Buildings for the Staff purposes.		
Extending Rifle Range at Sulur from 600 to 800 yards	663 — —	No sanction traced Gr. No. 263 dt 1-12-75 & No 3116 of 6-11-75
Do Do at Palamcottah from Octor	345 — —	
	4563 — —	
Other Services.		
Civil Buildings. Telegraphs.		
Constructing gates & providing fences to the Telegraph Office at Tuticorin	500 — —	Estimate for this work was called for by the Supt of Telegraphs and will be submitted shortly.
	500 — —	
	5063 — —	

Dist Engrs Office Tinnevelly
Shenmadevi 6th October 1876

J. D. Grant
Offg Dist Engineer
Tinnevelly

P.W.D.
11/2176
7294

112

The Offg Dist Engineer

Do Imdiately

The Chief Engr and Secy to Govt P.W.D.

Dated 6th

Received 7th October 1876

Imdiately Districts

Imperial Budget

Memo shewing the particulars of lump sums entered in Part II of the Budget under Minor works & the estimated cost of which does not exceed Rs 2,500 each.

Imperial
Buildings and Roads Branch.

Innivelly District
Part II.

113

Detail of Estimates for Original Works for the year 1877-78.

Executive Division	Do	Locality	Project	Description	Amount of approximate Estimate.	Amount required to the end of 31st March 1877.	Estimate for 1877-78.	Remarks and references.
				Ordinary Military. Original works Military Buildings				
				Accommodation for Native Infantry.				
No 2 or Innivelly Do	—	1. Palamcottah		Latrine for males and females in the lines of the 24th Regiment N. I. with earth stand and cart shed	2,600	"	2,600	On approximate Estimate was called for by Brigade Major in July 1877 and was furnished accordingly.
No 3 or Shermadevi Do	—	2. Tinnevelly		Five lines with tiled roofs for a Native Infantry Regiment	13,000	"	10,000	— Do —
— Do —	Do	3	— Do	Latrines for Native Regiment with wells.	3,150	—	3,150	— Do —
— Do —	Do	4 Trichinopoly		Buildings for staff purposes. Surrounding wall and lightning conductor to the Powder Magazine	3,560	"	3,560	G O No 1097 of 3.3.76 Cancelled & Revised G O No 1097 of 3.3.76
				Minor Works, the estimated cost of which does not exceed Rupees 2,500 each			4,563	
				Total Military Rupees. 23873				
				Other Services				
				Civil Buildings.				
				Minor works, the estimated cost of which does not exceed Rs 2,500			2,365	
				Total Civil Buildings —			2,365	
				Grand Total of both. —			26,238	

District	Minor New Works under Military	Minor New Works under Civil Buildings	Total for Minor New works estimated to cost less than Rs 500 each.
Tinnevelly District	200 — " — "	400 — " — "	600 — " — "

Dist Engrs Office. Tinnevelly
Shenmaderi 6th October 1876

S D Grant
Offg Dist. Engineer
Tinnevelly

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

From.

The Offg Dist Engr
Tinnevelly

To

The Chief Engr and
Secy: to Govt P.W.D.

Dated 6th
Recd 11th } October 1876

Tinnevelly District
Imperial Budget
Part II.

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

Abstract of Ex... to be

P.W.D.
DISTRICT ENGINEER'S OFFICE, TINNEVELLY.
STATION Palamcottah
No. 1032
11 OCT 76
7294

From
The District Engineer
Tinnevelly.

To
The Deputy Chief Engr
P.W.D. Madras.

Dated 6th } October 1876
Received 11 }

ENCLOSURE. 9-

Sir, Ref. No. 2949 dated 27-9-76
I have the honor to resubmit the Imperial and Provincial Budgets for 1877/78, the works entered therein having been classified as instructed in

District Engineer.

Abstract of Grants proposed for all Original Works to be Disbursed by P. W. Department

115

Main Heads	Imperial	Local	Total
Military	17870	"	17870
Total Rupees	17870	"	17870

Captain R.E.
District Engineer

Statement of Sums required for minor New Works to Cost less than 5000 Rs each

District	For minor new works under Military	For minor new works under Civil Buildings	Total for minor new works estimated to cost less than 5000 Rs.
Neilgherries	1500	500	2000

+ 305 Feet
200 Feet
505 Feet

Captain R.E.
District Engineer

Imperial Funds

Wellington Circle

Detail Estimate for Original Works for 1877-78

Executive Division	Number	Locality	Project Description	Amount of Estimate	Expenditure to 31st March 1877	Estimate for 1877-78	Remarks and References.
Wellington			Holidays				
Wellington	1	Wellington	Waterloo Bridge	17,870	"	17,870	Revised Estimate sanctioned in P.W.D. G.O. No 3010 of 18th December 1872. A further reduced Estimate under preparation. 9.18946-27-8-74. Plan and quantities and abstract for Tender sent to Auckland for Approval but may be most available
						17,870	Revised Estimate under consideration

District Engineer's Office
Onslow Auckland 9th October 1876

Jas Mowatt Captain R.E.
District Engineer

P.W.D.
U 00176
7598

From
The District Engineer
of Belgaum

Dated 9th October 1876.

Imperial Budget
Estimates for 1877-78.

Imperial - Ordinary

Bangalore District

Detail of Estimate for Original Works for 1877-78.

Execution Division	No.	Locality	Description	Amount of Estimate	Computed expenditure up to 31st March 1877	Estimate for 1877-78.	Remarks or References.
			Military Buildings				
			Accommodation for European Infantry				
Bangalore Division.	1	Bangalore	Third Pavilion for Race Course Afram Hospital at Bangalore	970	"	40,900	Sanctioned by the Govt. of India 1st Repr. No 58 M. G. O. etc = 2495 dated 6th Octr. 1870. Item No 33 of Budget for 1876-77.
	2	Do	Hospital Serg[ts] Qrs to 3rd Pavalion Race Course at Bangalore	2,850		2,850	G. O. No 573 dated 27th May 1871 and etc = 683 of 10th March 1875. Item No 35 of Budget for 1876-77.
			Accommodation for European Cavalry & Vil				
	3	Do	Accommodation for European Artillery Reconstructing quarters for Quarter Master Sergeant Ulsoor Barracks.	4,220	-	4,220	G. O. No 1670 of 14th June 1875. Item No 43 of Budget for 1876-77.
	4	Do	Stabling for 182 Horses R. H. A.	33,610	-	33,610	G. O. No 2920 of 14th Septr 1868. + G. O. No 3570 of 13-11-68
	5	Do	Stabling for 220 Horses R. A. Race Course	42,920	-	42,920	G. O. No 3540 of 13th November 1868.
					G. O.	123. 600.	

Require revision under G. O. No. 1156 of 1st May 1874.

Execution Division

No	Locality	Description	Amount of Estimate	Computed expenditure up to March 1877	Estimate for 1877-78	Remarks or References.
				B.C.	123,600	
	Bangalore	Accommodation for Native Infantry				
6	Do	Two Magazines for 4th I. Regiments at Bangalore	5,700	-	5,700	G.O. No 219 of 26th March 1878 Item No 41 of Budget for 1876-77. Est. to be revised with regard to Circular No 39 of 15/9/76
7	Do	Constructing School houses and furniture for 3/4 Native Infantry Regiments.	3,600 4800	-	3,600.	G.O. No 3354 D/23rd Nov. 1875 & G.O. No 151 of 18-12-75.
8	Do	Accommodation for General Purposes Garrison Gymnasium at Bangalore	44600 44,400	2,700	20,000	G.O. No 1560 dated 21st June 76. Regr No 38 W. of 1876-77. Budget No 11 of 1876-77. Est. to be revised with regard to Circular No 39 of 15/9/76.
9	Do	Constructing a new Filter and a pure water tank & certain alterations to Ulsoor Water Works Bangalore.	12,500	-	12,500	G.O. No 1394 dated 5th June 1876. Est. to be revised with regard to Circular No 39 of 15/9/76
10	Do	Iron roof to cistern Agram Barracks at Bangalore	16,520	"	16,520	Budget Item No 37 of 1876-77 G.O. No 216 D/23rd March 1875.
11	Do	Iron roof to cistern Ulsoor Barracks at Bangalore.	10,450	Circular No 39 of 15/9/76	10,450	Budget Item No 38 of 1876-77. G.O. No 216 D/23rd March 1875
12	Do	Do Bakery Square Do	4,230		4,230	Budget Item No 39 of 1876-77. G.O. No 216 D/23rd March 1875.
13	Do	Military Prison	149,600		50,000	Estimate to be revised for 1877-78 G.O. No 188 D/28th Augt 1876.
				C.O.	246,600	

Execution Division	No	Locality	Description	Amount of Estimate	Compute'd expenditure up to March 1877	Estimate for 1877-78	Remarks or References.
					B.C	246,600	
	14	Bangalore	Stone wall enclosure around Military Prison	22,100.	-	22,100.	G.O. No 63 4114 of 28th March 1873.
			Quarters for Officers.				
	15	Do	Quarters for Resident Medical Officer at Bangalore	5,640	-	5,640	Sanctioned by the Government of India. Repr. No 16 Ro. M. of 1871-72. G.O. No 1691 dated 23rd June 1871. Item No 84 of Budget for 1876-77.
			Ordnance Buildings				
	16	Do	Providing Racks in the Ordnance Gun powder Magazine Fort. of Bangalore	2,560	-	2,560	G.O. No 2625 of 28th Oct. 1873.
			Miscellaneous.				
	17	Do	Drainage of Agram Barracks	40,400	18,520	15,000	Sanctioned by Govt of India. Repr: No 80 M.W of 1874-75. G.O. No 311 24/10 Feby: 1874 & No 688 of 10th March 1875. Item No 3 of Budget of 1876-77.
	18	Do.	Drainage of Native Infantry Lines Bangalore.	14,400	5,650	5,000	G.O. No 126 26/26 May 1873. — Budget Item No 18 of 1875-76.
			Military Roads Cantonment Roads.				
	19	Do	Cost of road from Trinity Church to Agram Barracks Bangalore	9,200	G.O.	9,200	Sanctioned by the Govt of India Repr No 80 M.W of 1874-76 G.O. No 1541 of 11th June 1874 & G.O. No 683 of 10th March 1875 Item No 40 of Budget for 1876-77.
						306,100	

Execution Division

Nº	Locality	Description	Amount of Estimate	Con-puted expendi-ture up to March/74	Estimate for 1877-78	Remarks or References.
					B.C. 306, 100	
20	Bangalore	Remetalling certain roads in the Cantonment of Bangalore	6,000	-	6,000.	Dr Inr Genly Cr Nº 34/6373 dated 4th May 1874. No detailed Estimate has been received.
		7 Sanctioned works the Estimates of which amount from 500 to 2,500	-	-	8,658	
		Minor New Works below 500 Rs.	-	-	3,000.	
		1 Estimate submitted for sanction and likely to be approved of	-	-	1,320	
				Total Rupees	325,078.	

Other Services
Civil Buildings
Postal
Telegraph
Civil

Abstract
Military Buildings
Civil / Buildings
—do—

		325.078
		"
Total	325,078.	

District Engineer's Office
Bangalore 10 October 1876

H. Cuthbert Nuttall Major R.E.
District Engineer.

Imperial - Ordinary. Part III

No 149. D. I. C.

Detail of Estimate for Repairs for 1877-78.

	Estimate for 1877-78.		Estimate for 1876-77.	
	Amount	Total	Amount.	Total
Military				
Military Buildings				
Accommodation for European Infantry	15000			
Do do do Cavalry	8500			
Do do do Artillery	8000			
Do do do Native Infantry	4500			
Do do do General purposes	5100		48000	✓
Buildings for Staff purposes	400			
Commissariat buildings	5400			
Ordnance Buildings				
Miscellaneous	1100			
Military Roads.				
Cantonment Roads	6858		6858	✓
Other Roads				
Compensation for rent of quarters				
Military Subordinates	7000			
Medical do	3000		10,000	✓
Other Services		64,858		64,858
Civil Buildings		✓		✓
Postal	100			
Telegraphs	100		200	Half of the original sum.
	200			200.
Total Imperial -		65058		

Alex Stuart Major R.E.
District Engineer

P.W.D.
12 OCT 76
No. 7311

From
The Dist. Engineer
Bangalore

To
The Secy. to Govt.
Public Works Dept.
Fort St. George

Dated 14th
Read 5th Oct. 1876

Bungalow Abstract
Chuttiadrug for 1877-78

17-10-76

No 149. District Engineer's Office
Bangalore 10 October 1876

From,
The District Engineer
Bangalore

To,
The Offg. Deputy Chief
Engineer S.D.

Sir,

With reference to your Memo No. $\frac{VI}{1070}$ dated 5th Octr. I have the honor to forward the accompanying revised Budget List for the year 1877-78 prepared according to Classifications, As requested therein.

I have the honor to be,
Sir,
Your most Obedient Servt
Alexr. Rudd Abbt. Major R.E.
District Engineer.

P.W.D.
12 OCT 76
7311
No.

From

The Dist.t Engineer
Bangalore.

To The Offg Dy Chief
Engr & S. W. D.

Dated 10th Oct 1876.
Recd 12 Oct 1876.

No. 149.

Budget List
Imperial for 1877-78
Forwarded herewith
prepared according
to Classifications.

Bangalore		Bangalore	Increasing size of Barrack for Native Infantry		5720	5720	Estimate of 24th March 1876. Recommended & Budget of 1876-77.
do		do	Remedy: Quarters for 2nd Mr. Sergeant, Ulsoor Barracks		4220	4220	Estimate of 14th June 1875. Item No. 43 Works.
do		do	Erection of Wells for Barracks		2400		Estimate forwarded to Govt of India with letter No. 1209 of 20th July 1876. Item No. [illegible]
do		do	Military Prison		2330		Estimate amended. Called for with No. 100 of 28 Aug. 76
do		do	Alterations and repairs to the range of buildings on the eastern side of the Commissariat Square		1929		
					1929		
					8900	8900	Govt No. 2236 of 24th Aug. 1876.
					3800		
			Erection of Telegraph and Fencing round Cantonment Hospital		3500		
				Hospital	14100		Estimate under consideration
do		do	Separate infectious disease ward for European detail Hospital		4200	12000	Govt No. 2376 of 5 May 1876. Medical Estimate amended
do		do	Site Barrack for the accommodation and Establishment of the Royal Artillery		4000	4000	Govt No. 1874 of 24 July 1876.
Madras		Secunderabad	Improvements to Lock Hospital			5260	
Madras	√	Cannanore	Improving drainage of European Infantry Barracks square by laying down glazed pipes for waste water and open drains for rain fall		7700	4000 3700	Govt No. 1697 of 24th June 1876. Item No. 13 of Budget of 1876-77
do	√	do	Converting No. 1 Range family 2½ into Guard room and Lock-up for the European Infantry Regiment		13930	14000	Govt No. 3078 of 30 Oct. 1875. Item No. 45 of do

Bangalore	Bangalore Taluk					
Malabar	Cannanore	Plunge bath for the European Infantry Regiment	4640	.		Letter 418 of 16th Febry: 1876. Item No. 46 of Budget of 1876-77
do	do	Painting doors & windows of the Barracks Married Quarters, Front Houses	4430	.		G.O. No 126 of 26th May 1873. Item No. 47 of do
do	do	Subsidiary buildings for Battery of Artillery	26830	.		G.O. Nos 90 of 9th Jany. 1874 and No 227 of 30th June 1869 Clause 48 of do
do	Calicut	Asphalting verandahs and boarding floors of Officers Quarters at West Hill Already Complete	2700	.		G.O. No. 1866 of 8th July 1875.
			[illegible]	.		
		Grant for Minor Works the Estimated cost of which does not exceed Rs 2500 each	[illegible]	.	150000	
			[illegible]	.	[illegible]	
		Repairs		.	250000	
do			[illegible]	.		
		Total, Military				

P.W.D

List of Military Works estimated at less than 2500 Rupees which are recommended for execution from the "Reserve" in Budget Allotment for 1877-78.

Divisions	Stations	Description of Buildings, Hospitals and for what Corps or Department needed	Sanctioned Works in actual progress for which an allotment is required from the "Reserve" of 1877-78.	Sanctioned Works not Commenced yet sanctioned for which an allotment is now asked from the "Reserve" of 1877-78.	New Works not yet sanctioned but required from the "Reserve" of 1877-78.	Total Allotment required from the "Reserve" 1877-78.	Orders of Government passed in the Works or remarks as to the necessity of the Buildings.
Head Quarters Division	Bellary	Native Cavalry					
		One Latrine			1430	1430	
		Native Cavalry				1430	
		21st Regiment N.I.					
		One Latrine			1430	1430	Approved according to Standard Plan. Outlay to be regulated accordingly.
		Native Infantry				1430	
		27th Regiment N.I.					
		One Latrine			1430	1430	Sanctioned by G.O. No 735 Rs 333 and entered in the Register of Sanctioned Estimates
					4290		
		Commissariat Department					
		Alterations of Artillery Barracks into a Liquor Store	Commissariat		1375	1375	Approved. Sanctioned in the P.W.D. Sanctioned by G.O. No 1985 of 3-8-76 & entered in the Register of Sanctioned Estimates. Evidence to be produced in support of the specific allotment of Rs 1375
Salsette & Canara	Goa	Renewing Wall of Native Infantry Magazine	Native Infantry		560	560	Urgently required - Approved by G.O. No 806 of 21st June 1876
		Extending Native Infantry Regt Range			Do	500	Called for by G.O. No 1806 of 18 July 1876 - Approved

Divisions	Stations	Description of Buildings required and for what Corps or Department needed	Sanctioned Works in actual progress for which an Allotment is required from the Estimates of 1877-78	Sanctioned Works not commenced for which an Allotment is now asked from the Estimates of 1877-78	New Works not yet sanctioned which are considered urgent for execution in 1877-78	Total Allotment required from the Treasure in 1877-78	Orders of Government bearing reference to the Letters or remarks as to the necessity of the Buildings
Madras Command	Cannanore	Constructing covered passages to Latrines Dining Rooms of European Infantry Regiment	2320		European Infantry 2320		In progress. These works were sanctioned by G.O. No 274 of 31st January 1876 and are now well in hand. It is not possible to stop proceeding with them as all the Material is collected.
		Constructing 3 Sheds and converting Dug Boilers for Storage of Dry Earth for Latrines, European Infantry Regiment	915		European Infantry 915		
						3405	Sanctioned Public Works G.O. No 1856 of 31-5-76
Mysore Division	Bangalore	Certain Drainages, Ulsoor Barracks			2060 Miscellaneous	2060	Urgently required
		Constructing Latrine for the use of Followers of Field Batteries at Agram Barracks			280 Miscellaneous	280	Urgently required
		Roofing Racks in Ordnance Gunpowder Magazine			2500 Powder Mills	2500	Urgently required
		Coal Shed for Commissariat to store Coal used for the Bakery Engine and to preserve the same from the weather			2100 Commissariat	2100	Urgently required
	Wellington	Improving the drinking Water supply by providing iron pipes and a Cistern			1200 Miscellaneous	1200	Urgently required
	from Trichinopoly District	Extending the Rifle Ranges from 600 to 800 Yards for Troops in Garrison			Miscellaneous 165	165	Approved
						18265	

Quarter Master General's Office
Fort Saint George 12th October 1876

Brigadier General
Quarter Master General

P.W.D.
18 00176
2850
No.

P.W. Sheet. Vol. III. f. f. 324.

List of Military Works estimated at less than 2500 Rupees which are recommended for execution from the "Reserve" in Budget Allotment for 1877-78.

Stations	Description of Buildings &c. and for what Arms or Department needed.	Sanctioned Works in actual progress for which and allotment is required from the "Reserve" of 1877-78	Sanctioned Works not Commenced yet sanctioned for which an allotment is now asked for from the "Reserve" of 1877-78	New Works which are considered urgent & recommended for execution in the "Reserve" of 1877-78	Total Allotment required from the "Reserve" in 1877-78.	Orders of Government bearing reference to the Works or remarks as to the necessity of the Buildings.
Bellary	Native Cavalry					
	One Latrine		1430	Native Cavalry	1430	
	21st Regiment N.I.					
	One Latrine		1430	Native Infantry	1430	Approved according to the Standard Plan. Outlay to be regulated accordingly.
	27th Regiment N.I.					
	One Latrine		1430		1430	Sanctioned by G.O. No. 735 dated [illegible] Completed [illegible]
			4290			
	Commissariat Department					
	Alterations of Artillery Barracks into a Liquor Store	Commissariat	1375		1375	Approved - Sanctioned in the P.W.D. [illegible]
Secunderabad	Renewing Wall of Native Infantry Magazine	Native Infantry		560	560	Urgently required - Approved by Obs No 3065 of 12th June 1876.
Secunderabad	Extending Native Infantry Rifle Range	Do.		500	500	Called for by Obs No 1806 of 18 July 1876 - Approved [illegible]

List of Military Works for entry in the Public Works Budget of 1877-78, prepared from Lists received from Divisions, costing upwards of 2500 Rupees.—

Divisions	Stations	Description of Buildings &c. and for what Corps or Department needed.	Sanctioned Works in actual progress for which an allotment in the Budget is required for Expenditure in 1877-78.	Sanctioned Works not commenced and for which an allotment is now asked for Expenditure in 1877-78	New Works not yet sanctioned which in the opinion of the Commander in Chief are urgently required.	Total allotment required for each work in the Budget of 1877-78.	Orders of Government bearing reference to the Works, or remarks as to the necessity of the Buildings.
Centre Districts	Fort St. George.	Additional Storey to Quarters occupied by Commissary of Ordnance & Officers	This item has been provided in 1876-77 Budget, but will not be expended in that year.	7,100		7,100	It is stated that the Upper storey could be put up at a small cost of Rs: 1200— a sleeping place is what is principally required.— Vide O.G. No 1101, 3rd May 1876 - P.W.D.
	Madras.	Entire set of New Lines for the 37th Grenadiers at Poodoopett for Native Infantry		50,000		50,000	O.G. No 2082 - 26th April 1876.
		Constructing 4 additional Ovens at the Government Bakery. Cookrooms &c.			9,000	9,000	Quarter Master Generals letter to Govern. ment No 526 - 13th September 1876.—
	Bangalore.	A new double storeyed Hospital for 90 patients with out-houses	40,000			40,000	O.G. No 2176 - 18th August 1876 P.W.D. & Mily Deptt No 4362 - 28th August 1876 -
		New Barracks and Subsidiary Buildings		50,000		50,000	O.G. No 2220 - 22nd August 1876 P.W.D.
Ceded Districts	Bellary.	Royal Artillery. New Roofs to Verandahs of Barracks and Office		European Artillery	24,600	24,600	Existing Verandahs considered in an unsafe condition - Vide O.G. P.W. No 2387 - 7 September 1876 -
		British Infantry. New pattern Punkahs		European Infantry	4,300	4,300	Existing Punkahs considered unsafe by District Engineer—

Division	Station	Description of Building & for what Corps or Department needed.	Sanctioned Works in actual progress for which an allotment in the Budget is required for expenditure in 1877-78	Sanctioned Works not commenced and allotment is now asked for expenditure in 1877-78	New Works not yet sanctioned which in the opinion of the Commander in Chief are urgently required.	Total allotment required for each work in the Budget of 1877-78.	Orders of Government bearing reference to the Works or remarks as to the necessity of the Build
Coded District	Bellary	Recreation Room		14,380		14,380	In progress.
		Canteen		11,500		11,500	
Malabar and Canara.	Cannanore.	Laying down drains in the European Infantry Barracks on an improved system	"	"	3700	3700	Very urgent on Sanitary grou approved by G.G. No 541-28 Feb 1876, P.W.D.
		Constructing a Guard room for European Infantry Regiment with covered passages dismantling present Guard and Prison room and making a covered passage to Court Martial room	"	13,930	"	13,930	G.G. No 3078 - 30 October 187 ruled that "the necessary provi for the Work will in any case be m in the Budget of 1876-77". —
Division	Bangalore	New Filter at Ulsoor Water Works	"	20,000	"	20,000	Revised Plans & Estimates are und preparation - This is a most impor work and most necessary to render water supply to the European Troops se
		Cavalry. For providing Iron Roof to Cistern Agram Barracks - Estimate Rs 16,450	"	16,450	"	16,450	G.G. No 1158 - 11 March 1875
		Royal Horse Artillery For providing Iron Roof to Cistern R. H. A. Barracks Ulsoor Barracks - Estimate 10,420	"	10,420	"	10,420	G.G. No 1158 - 11 March 1875.
Mysore	Wellington	Lock Hospital			5,000	5,000	G.G. No 859 - 1 April 1876 P.W.
	Mercara.	Repairs to flooring of Mercara Palace			3,000	3,000	Work necessary at the suggest of Chief Engineer of Mysore & Coor
Southern District	Trichinopoly.	Re-roofing the European Detail Hospital			16,000	16,000	G.G. No 3987 - 8 August 187
					Total	2,99,380	

Quarter Master General's Office
Fort Saint George 12 October 1876.

Brigr. Genl
Quarter Master General.

P.W.D.
13 OCT 76
7850
No.

2 Abstracts

524@70

List of Military Works for entry in the Public Works Budget of 1877-78, prepared from Lists received from Divisions, costing upwards of 2500 Rupees.—

Divisions	Stations	Description of Buildings &c. and for what Corps or Department needed.—	Sanctioned Works in actual progress for which an allotment in the Budget is required for Expenditure in 1877-78	Sanctioned Works not commenced and for which an allotment is now asked for expenditure in 1877-78	New Works not yet sanctioned which in the opinion of the Commander in Chief are urgently required.—	Total allotment required for each work in the Budget of 1877-78	Orders of Government bearing reference to the Works, or remarks as to the necessity of the Buildings.
Central Districts	Fort St. George	Additional Storey to Quarters occupied by Commissary of Ordnance & Qrs for Officers		7,100		7,100	It is stated that the Upper storey could be put up at a small cost of Rs: 1200— A sleeping place is what is principally required.— Vide O.G. No 1101 — 23rd May 1876 - P.W.D.
	Madras.	Entire set of New Lines for the 37th Grenadiers at Poodoopett ..... Native Regt	"	50,000	"	50,000	O.G. No 2082 - 26th April 1876
		Constructing 4 additional Ovens at the Government Bakery. Commissariat	"	"	9,000	9,000	Quarter Master General's letter to Government No 526 - 13th September 1876.—
	Bonamallee	A new double storeyed Hospital for 90 patients with out-houses	40,000	European Hospital		40,000	O.G. No 2176 - 18th August 1876 P.W.D. & Mily Deptt No 4362 - 28th August 1876 -
		New Barracks and Subsidiary Buildings	"	50,000	Do "	50,000	O.G. No 2220 - 22nd August 1876 P.W.D.
Ceded Districts	Bellary.	Royal Artillery. New Roofs to Verandahs of Barracks and Office	"	European Artillery	24,600	24,600	Existing Verandahs considered in an unsafe condition - Vide O.G. P.W. No 2387 - 7th September 1876 -
		British Infantry. New pattern Punkahs		European Infantry	4,300	4,300	Existing Punkahs considered unsafe by District Engineer—

Part III Repairs

Detail Estimate for 1877-78

		1877-78 Amount	1877-78 Total	1876-77 Amount	1876-77 Total
Wellington	Minor repairs to Military Buildings	6000	6,000		6000
			6,000		6000
	Medical Subordinates	600	600		600
			600		600
	Miscellaneous				
	Water supply Channels	288	288		288
			288		288
	Other services				
Nilgiris	Postal	150	150		
	Telegraphs	150	150		
			300		300

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

Main Heads	Imperial	Local	Total
Military	6888	"	6888
Agricultural	"	"	"
Civil Buildings	300	"	300
Total Rupees	7188	"	7188

Captain R.E.
Executive Engineer.

District Engineers Office
Colaccamund 18th October 1876

No. 338

From,

The District Engineer
Nilgiris

To,

The Offg. Deputy Chief Engineer
P. W. Department
Madras

Sir,

With reference to your endorse-
ment Nos. III/1105 & III/1106, on Provincial &
Imperial Budget Estimates for 1877-78,
I have the honor to forward herewith the
two statements duly classified.

I have the honor to be
Sir
Your most Obedient Sr.
Executive Captain R.E.
District Engineer.

District Engineer's office
Belgaum the 11th Oct. 1876

From P.W.D.
Dist. Engineer
Belgaum

To The Offg. Chief Engineer
& Secretary
P. W. Department
Madras

No. 338
Dated 11th October 1876
Received
Enclosures 2.

Subject.

Budget Estimates for Imperial and Provincial Services for 1877-78 — Forwarding the duly classified.

Bellary District
Budget Estimate for 1877-78
Part I
Abstract

Main head	Estimate for 1877-78	Estimate for 1876-77	Total 1877-78	Total 1876-77
Original Works				
Civil Buildings Provincial	71753			
Total Original Works Provincial	71753		71753.	
Repairs				
Annual Repairs to Civil Buildings Provincial	3470			
Unforeseen Annual Contingencies on Civil duty Provincial	400.			
Communications (Provincial)	3790			
Total Repairs Provincial			7660	
Grand Total Original Works & Repairs			79413	
Tools & Plant	230		230.	

11th October 1876

A. J. C. E.
Offg District Engineer Belgaum

Bellary Part

Detail of Budget Estimate for Original Works for the Official Year 1877-78

District II

141

Serial Number of Division	Number of Project	Locality	Description	Amount of Estimate	Expenditure up to the end of 31st March 77	Estimate for 1877-78	Remarks and References
			D. Civil Buildings				
			B Revenue Department				
			i Divisional Cutcherries				
Gooty	1	Gooty	Improvements to the Sub Collectors Cutcherry	8950		3950	G.O. No. 2900 of 10 October 1874
			ii Taluk Cutcherries				
Bellary	2	Kurdoor	Taluk Cutcherry	22780	20982	1798	G.O. No. 1210 of 6/6/74 G.O. No. 43 of 15 February 75. Amount required for the Compound wall. Vide para 5 of the report printed with the G.O.
Gooty	3	Jadpoor	Taluk Cutcherry			15000	Estimate under preparation.
Hospett	4	Hospett	Out Offices to the Taluk Cutcherry		"	1720	G.O. No. 68 dated 10 November 1874
Hospett	5	Harpenhully	Taluk Cutcherry	26715	990	10000	G.O. No. 3529 of 15 December 74. Item No. 24 of Budget of 1875-76
Gooty	6	Adony	Taluk Cutcherry	31680	"	10000	G.O. No. 59 of 7 July 1875.
Penukonda	7	Kodekpatam	Second class Cutcherry	17610	"	10000	IW of 1875-76 & G.O. No. 529 of 3-2-76
			E. Prisons Department				
			ii District Jails				
Bellary	8	Bellary	Improvements to the District Jail	110287	98457	11800	G.O. No. 211 of 27 November 1874. Item No. 21 of Budget of 1876-77
						88434	
						15000	
						103434	
			K. Ecclesiastical Department				
			ii Cemeteries				
Bellary	9	Bellary	Additional Cemetery	4830	"	4830	G.O. No. 1334 of 10 May 1875
			Carried over			69098	

Sanitide Division	No.	Locality	Project Description	Amount of Estimate	Completed & Expenditure up to the end of 31 March 1877	Estimate for 1877-78	Remarks and References
			Brought over			69098	
Gooty	10	Adony	Cemetery	570	"	510	2 W of 1875-76. G.O. No. 58 of 7 February 1876
			L. Public Works Department				
			I Offices				
Hospett	"	Ramandroog	Overseers Office and Store Room	875	"	875	56 W of 1876-77 } G.O. No. 1418 of 7 June 1876
Do.	12	Hampasagur	Do.	870	"	870	57 W of 1876-77 }
Bellary			Grant for Minor New Works		"	200	
Hospett			Do.		"	50	} No Grant for 1876-77
Gooty			Do.		"	100	
Penukonda			Do.		"	50	
			Total Civil Buildings			71753	

Detail of Estimate for Repairs for 1877.78

		Estimate for 1877.78 Amount	Estimate for 1877.78 Total	Estimate for 1876.77 Amount	Estimate for 1876.77 Total
	II Repairs				
	Civil Buildings				
Bellary Division	Minor Repairs to Judicial Buildings 100				
	Do to Rev. Dept. do 300	600			
	Do to P.W. Dept. do 200				
Hospett Division	Minor Repairs to Judicial Buildings 50				
	Do to Revenue Dept. do 300	550			
	Do to P.W. Dept. do 200				
Gooty Divn.	Minor Repairs to Judicial Buildings 300				
	Do to Rev. Dept. do 220	2220			
	Do to P.W. Dept do 1700				
Penukonda Division	Minor Repairs to Rev. Dept. Buildings 100	(a) 3470	1500		
	House Rent				
Bellary	To Musical Subordinates in Civil Employ 350				
Hospett	Do Do 50	400	400		
	Total Civil Buildings	3570	1900		
	Communications				
	Share of the Cost of Maintaining &c &c				
	The Ramandroog Roads (Provincial) as per G.O. No. 41 of 5th June 1873.				
	1 Road from Ramandroog to Tumacul				
	2 Do Do to Hospett	3790		3790	
	3 Do Do to Nagalapoor Ghaut				
	Total Communication	3790		3790	

Detail of Estimate for Tools and Plant for 1877.78

	Estimate for 1877.78 New Supplies	Repairs &c
Division		
Bellary	30	40
Hospett	20	30
Gooty	25	35
Penukonda	25	25
	100	130
	230	

W. Leggett A.I.C.E.

11th October 1876

Offg Distt Engineer Bellary

(a) Several buildings in charge of the P.W.D. are in urgent need of repairs - Attend to necessity for the increased Grant applied for

P.W.D.
RECD 7 6 7612

From

The Chief District Engineer
Bellary

To

The Secretary to Govt.
P.W.D.

No. T/1128

Dated Ootacamund 6th October 1876.
Rec.d 7th do.

Provincial
Budget Estimate
for the
Bellary District
for
1877-78.

Returned to the District Engineer Bellary for the purpose of having the heading under which allotment are applied inserted below each Item and under Class Civil Building in the Schedule to G.O. No. 3811 of 30th August 1876 and Item 10 of G.O. No. 925 of 18th August 1876.

Warwick Colonel
Offg. Chief Engineer
Last Secy
17 Octr 1876

(1)

Detail of Estimate for Repairs for 1877-78

147

			Estimate of 1877-78 Amount	Estimate of 1877-78 Total	Estimate of 1876-77 Amount	Estimate of 1876-77 Total
		Provincial				
		II Repairs				
		(1) Civil Buildings				
		A. Judicial Department				
Bellary Division	I	Court Houses	70			
	II	Miscellaneous	30			
			100			
Goothy Div.n	I	Court Houses	150			
	II	Miscellaneous	50			
			200			
		Total Judicial Department		300		
		B. Revenue Department				
Bellary Div.n	I	General District & Divisional Cutcherries	200			
	II	Talook Cutcherries	100		Decrease by	25
			300			
Hospett Div.n	I	General District and Divisional Cutcherries	50			
	II	Talook Cutcherries	200		Decrease by	75
	III	Miscellaneous	50			
			300			
Goothy Div.n	II	Talook Cutcherries	220		Decrease by	60
Permanent Do	II	Do Do	100			
		Total Revenue Department		920		

			Estimate of 1877.78 Amount	Estimate of 1876.77 Amount
		E Prison Department		
Bellary Div.	ii	District Jail	150	
		Total Prison Department	150	
		K. Ecclesiastical Department		
Bellary Div.	i	Churches	100	
	ii	Cemeteries	50	
			150	
Gooty Div.	ii	Cemeteries	25	
Pennaconda Div.	ii	Do	15	
		Total Ecclesiastical Department	190	
		L. Public Works Department		
Bellary Div.	iii	Miscellaneous	100	
Hospett Div.	iii	Do.	100	
Gooty Div.	iii	Do.	1700	
		Total Pub: Works Department	1900	
		House Rent		
Bellary Div.		Compensation to Medical Subordinates	350	
Hospett Div.		Do. Do.	50	
		Total House Rent	400	
		Total Civil Buildings	(a) 3360	1900

			Estimate of 1877.78 Amount	Estimate of 1876.77 Amount
		2 Communications		
		ii District Roads		
		Share of the cost of Maintaining the Ramandroog Roads (Provincial) as per G. O. No. 41 of 5 June 1873		
Hospett Div.	2	Road from Ramandroog to Tournagul Do Do to Hospett	3790	
Division	3	Do Do to Nagalapoor Ghaut		
		Total Communications	3790	3790

(a) Several Buildings in charge of the P. W. D. are in urgent need of Repairs Hence the necessity for the increased Grant applied for.

Dist. Engrs. Office
Bellary
20 October 1876

W. Lyon A.M.C.E.
Offg. Dist. Engineer
Bellary

P.W.D.
23 OCT 76
No 7612

Complete

Bellary District

Budget Estimates for 1877-78

Part I

Abstract

Main heads		Estimate 1877-78	Estimate 1876-77	Total 1877-78	Total 1876-77
Ordinary					
Military	Original works	65,890	24,700		
	Repairs	28,000	28000		
	Tool and Plant	50	164		
				93940	52,864
Other services					
Civil Buildings	Postal	120			
Repairs	Telegraph	200		200	
	Tool and Plant	400	40		
				720	240
				94660	53,104

11th October 1876.

H. Leppa Lt. I.C.E.
Offg Distt Engineer Bellary

Imperial

Detail of Budget Estimate

Bellary Part

District II

for Original works for 1877-78.

Executive Division	Project No.	Locality	Description	Amount of Estimate	Computed Expenditure up to 31st March 1877	Estimate for 1877-78	Remarks and References
			Military				
			Accommodation for European Infantry				
Bellary Division	1	Bellary	Canteen at Bellary	23,500	728	30,000	G.O. No 3161 of 7th November 1874.
do	2	do	Recreation Room at Bellary	27,380	834		Item No 17 & 18 of Budget of 1876-77.
do	3	do	American Skittle Alley	4520	"	4520	G.O. No 3016 of 13th Dec. 1870 Item No 19 of Budget of 1876-77
			Accommodation for Native Infantry				
do	4	do	Magazine & Regt. Native Infantry	4300	1166	3130	G.O No 1853 of 10th July 1874. Item No 21 & 22 of Budget 1876-77.
do	5	do	do 21 Regt. Bo.	4300	1197	3100	
do	6	do	Latrines for Native Infantry	4290	"	4200	13 W of 1875-76: G.O. No 735 of 22nd March 1876.
			Accommodation for General Justice				
do	7	do	Two Blocks of Huts for Hospital Servants	12255	6306	5940	G.O No 1393 of 18th May 1876. Item No 20 of Budget 1876-77
			Miscellaneous				
do	8	do	Water Supply Project	141,628	122,427	12000	G.O. No 3118 of 2nd November 1874 Item No 7 of Budget 1876-77.
do		do	Grant for Minor New works below Rs. 2500 to be placed at the disposal of the Dist.	"	"	2500	Rs 5000 granted in 1876-77.
Hospital Do		Ramandroog	do	"	"	500	
			do			65,890	
			Total Military				

Part III.

Detail Estimate for Repairs for 1877-78.

		Estimate of 1877-78		Estimate of 1876-77	
		Amount	Total	Amount	Total
	Military				
	Bellary District				
Bellary Division	Compensation on rent for Quarters	2900			
	Repairs to Cantonment Roads	1660			
	Repairs to Buildings	16980			
	Maintenance of Water Supply of Hillipose Tank	1660	26200	26200	
Hospett Division	Compensation or Rent for Quarters	100			
	Repairs to Buildings	1700	1800		
	Total Military		28000	1800	28000
	Civil Buildings				
Bellary Divn.	Minor Repairs to Telegraph Buildings	200			
Hospett do	do to Postal do	50			
Gooty do	do do	50			
Penhonda do	do do	20	320		200

Part V.

Detail of Estimate for Tools and Plant.

Executive Division		Estimate for 1877-78 Military	Estimate for 1877-78 Other services.
	New supplies		
Bellary Division	Office Furniture	"	300?
	Repairs & Carriage		
Bellary	Repairs & Carriage	40	
Hospett	do	10	20
Gooty	do	"	40
Penhonda	do	"	40
	Total	50	100
	Grand Total	50	400

W Leyath A.I.C.E.

Offg District Engineer
Bellary

P.W.D.
12 OCT 76 7612
No. 8081

From
The Offg Divisl Engineer
Bellary.

To
The Secretary to Govt
Public Works Dept
Madras

Dated 17th Oct 1876
Rec'd 19th Do
No. 1127

Returned to the Divisional Engineer Bellary for the purpose of having the land lords under whose allotments the required under Repairs Military inserted with reference to G. O. No. 825 of 7th Oct 1876

Offg. Dy. Chief Engineer
17th Octr. 1876

Imperial Budget Estimate
of the
Bellary Division
for
1877-78.

Part III

Detail Estimate for Repairs for 1877-78

		Estimate of 1877-78	Estimate of 1876-77
	Repairs		
	Military		
	Military Buildings		
	Accommodation for European Infantry	9000	
	Do do Native Infy.	3000	
	Do do Native Cavalry	1000	
	Do do General purposes	500	
Bellary Division		2000	
	Buildings for Staff purposes	580	
	Commissariat Buildings	400	
	Ordnance Buildings	100	
	Miscellaneous	100	
		16980	
Hospital Duties	Accommodation for General purposes	1700	
	Total Military Buildings	18680	
		18680	

		Estimate of 1877-78 Amount	Total	Estimate of 1876-77 Amount	Total
			18660		
	Military Roads				
Bellary Div.	Cantonment Roads	4660			
	Total Mily: Roads	4660			
	Compensations for Rent of Quarters				
Bellary Division	Military Subordinates	1500			
	Medical Subordinates	1400			
		2900			
Hospett Do	Military Subordinates	30			
	Medical Subordinates	70			
		100			
	Total Compensations for Rent &c	3000			
	Miscellaneous - Military				
Bellary Do	Maintenance of Water Supply of				
	Allipur Tanks	1660			
	Total Miscellaneous		1660		
	Total Return: Military		28000		28000
	Civil Buildings				
Bellary Do	Telegraph Buildings	200			
Hospett Do	Postal Buildings	50			
Gooty Do	Do	50			
	Carried over	300			

		Estimate of 1877-78 Amount	Total	Estimate of 1876-77 Amount	Total
	Brought over	300			
Permanent	Postal Buildings	20			
	Total Civil Buildings	320		200	

Dist. Engrs. Offce
Bellary
20th October 1876

W. Leggett A.I.C.E.
Offg. District Engineer
Bellary

P.W.D.
23 OCT 76
No. 7612

Dist. Engineers Office
Bellary 20 October 1876

No. 2856

From

The Offg. Dist. Engineer
Bellary

To

The Deputy Chief Engineer
P.W. Dept.

Sir

With Reference to your Circulars as per margin, I have the honor to submit the Provincial Budgets of this District for 1877-78, accompanied by two Statements showing the allotments for Repairs under the Main and Sub heads, according to the prescribed Classification.

Nos. I 1127 & I 1128 of 17 October 76

I have the honorable
Sir
Your most Obedt Servt
A.J.E.
Offg. Dist. Engineer Bellary

P.W.D.
23 OCT 76
7612
No.

From

The Offg. Dist. Engineer
Bellary

To

The Dy. Chief Engineer
P. W. Dept.
Madras

No 2856

Dated 20 October 1876

Budgets 1877-78.

Returning with the Sanc-
tion of Provincial ac-
-Count, agreed by the Staff-
Surveyor.

Salem District

Part II

13

Detail of Estimate for Original Works for 1877-78.

Executive Division No.	Locality	Project Description	Amount of Estimate	Computed expenditure up to 31st March 1877	Estimate for 1877/78	No.	Remarks or References.
		Original Works					
		Military					
Coimbatore Range	Salem						
1	Maloor and Muddaghurry	Minor New Works	——"——	——"——	1750	1	Vide G.O. No. 775 of 12th March 76 Re-appropriation for 1876-77
		Civil Buildings Postab					
2	——"——	Minor New Works	——"——	——"——	250	2	

Abstract of Grants proposed for all Original Works

Main Heads	Total
Military	1750
Civil Buildings Postal	250

Statement Shewing the Sums required for Minor New Works to Cost less than Rupees 500 each under Imperial

District	Military	Civil Buildings	Total
Salem	1750	250	2000

District Engineers Office,
Salem, 26th October 1876.

Part III

Detail of Estimate for Repairs for 1877-78.

Items	Estimate for 1877-78 Amount	Total	Estimate for 1876-77 Amount	Total
Military				
Poosoor Range				
Compensation or rent for quarters	850	"	850	
Repairs to Buildings	3500	4350	~~3000~~ 150	~~3850~~ 3000
Total Military		4350		3850
Civil Buildings				
Salem Range				
Minor repairs to Postal Buildings	250		~~250~~ Not Voted	
Total Civil Buildings		250		250

[illegible]

A. Wilson
Offg. District Engineer

To
The Deputy Chief Engineer S.P.W.
with reference to his No. 1/1078 of 9th October 1876.

P.W.D.
25 OCT 76
No. 7681

From

The District Engineer

Salem

Dated 23rd October 1876

Salem District

Public Works Department

Budget Estimate

Imperial

for the year 1877-78.

No. 1075 &

District Engineer's Office,
Salem 2nd November 1876.

From

The District Engineer,

Salem.

To

The Chief Engineer,
Public Works Department,

Sir,

Adverting to your No. 1205 I / 28-10-76,
I have the honor to inform you that the sum of Rs. 3,500 applied for in my Imperial Budget for 1877-78 is required for repairs to the Remount Depôt buildings at Muddagherry near Oossoor, and I think it would come under the sub head "Miscellaneous" as the buildings in question do not properly come under any of the other

heads

heads given in the [illegible]assification
printed in G. O. of [illegible]th February.
No 328.

I have the [illegible]r to be,

Sir,

Your most Obed[illegible]t. Servant,

[illegible]

Offg. District Engineer.

Recd. 7 Nov. 76.

Concurs. 8 Nov. 76.

Read that the Commr. of Rs. 3 has applied for an Imperial Engr. officer for the Kistna Dist. for the ensuing year, and requested to be informed whether Government Recruit Buildings at Poona Deccan Bungalows &c. &c. are applicable to the Commr. on the Kistna Project.

7961

From
The Offg. Chief Engineer
Dekkan.

To
The Chief Engineer
P.W.D.

Sir,

I have the honor to forward herewith a letter from the Commissioner in Sind, dated 30th ultimo, requesting that an Officer may be deputed to that Province to report upon the practicability of applying the Deccan Bungalow Plans to the Public Buildings required at Hyderabad.

2. I have the honor to be Sir Your most obedient Servant

Poona 2nd November 1876.

Offg. Chief Engineer
Dekkan.

No 4104.

From
The Offg. District Engineer
Presidency.

To
The Deputy Chief Engineer
Department Public Works.

Sir,

Encl:
3. Budget Estb.

With reference to your Memo No 1198 S. dated 27 October 1876, I have the honor to submit the 3 Budget Lists Part I and III of the Imperial and Part III of the Provincial duly classified.

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

Major R.E.
Offg. District Engineer
Presidency.

Fort Saint George
30 October 1876.

WS

(No: 4028.

From,

The District Engineer,
Presidency.

To,

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

Sir,

With reference to your Memoranda Nos. 3/1063 and 15/1139, dated 5th and 9th October 1876 respectively, I have the honor to submit my Budget Lists of New Works and Repairs both Imperial and Provincial for the year 1877-78.

I have the honor to be
Sir,
Your most obedient servant
Montgomerie Major R.E.
Offg. District Engineer
Presidency.

Encls:
4 Budget Lists.

Fort St George
25th Oct. 1876.

7838

P.W.D.
26 OCT 76
No. 7708

From,

The District Engineer
Presidency.

To
The Chief Engineer
D.O.M.

Memo No. 1198 dated 27th Oct. 76

Part I and III of the
Imperial Budget for 1877-78
are returned to the District
Engineer Presidency for his
further of being classified
with reference to G.O.
No. 3411 of 30th Sept. 75
" 325 " 7th Feby 1876
" 952 " 10th April 1876
respectively.

(Sd) By order,
(Sd) W. Saunders
Offg Dy Chief Engr. O.D.

True Copy
The Dist. Engr. Presidency
with 3 enclosures.

Dated 25th Oct. 76.
Recd

Encls. No. 4028.

Submits Budget
Lists of New Works
and Repairs Works
Imperial & Provincial
for the year 1877-78.

Provincial
Part III.

Detail of Estimate for Repairs for 1877-78.

Range / District	Locality	Budget Head.	Amount	Total	Estimate for 1877-78 Amount	Estimate for 1876-77 Total	Remarks
		Provincial Repairs.					
		Civil Buildings.					
		Genl Purposes					
	Fort St George —	Annual repairs to General Buildings —					
			5,000		5000		Under what sub head & Section & Sec 30 to 36 of 30/11/76
		Pat House & Residence					
	Mount Road —	— do — to Government House Buildings —					Vide G.O. No: 2559 Dt. 25 Sept. 1876.
			12,000		6,000		Surgt & Steward Rs 6000 + Increase as above order
		Genl Purposes					
	Black Town —	— do — to General Buildings					
			12,000		12,000		
		Genl Purposes					
	Mount Road and Chepauk	— do — to General Buildings —					
3			6,045		6,045		
		Ecclesiastical Buildings Churches					
3		— do — to Ecclesiastical Buildings —	1500		1,500		Under G.O. No 126 of 22-9-76 Rs 222 is the provision for Pay Charges at Chepauk Mohammedan —
3		House Rent to Medical Subordinates on civil duty —	9000		9000		
					2000		for Rs 2000 to purchase & Rent Buildings
						41,545	
		Total —		39,545		39,545	

Provincial
Part III.

Detail of Estimate for Repairs for 1877-78.

Range or District	Locality	Budget head.	Estimate for 1877-78 Amount	Estimate for 1877-78 Total	Estimate for 1876-77 Amount	Estimate for 1876-77 Total	Remarks
		Communication.					
		Main roads					
Presidency		Roads over Govt Bridges and within the limits of Government compound	9395		9395		To be executed by PWD Vide Sec No. 2690 dt 5th Dec 1876
do.		Roads leading from the Fort towards Mount and Ponamalle	9055		9055		
		District roads.					
		Minor repairs to roads and bridges	2,000				
		Total Communication		20,450		18,450	
		Mis: Pub. Improvement.					
		~~Statutory Improvement~~ Miscellaneous					
		Minor repairs to Buildings	1,000				Under what Sub Head to be shown hereafter
		Total Mis: Pub. Imp.		1,000			
		Tools and Plant					
		Repairs to Presidency Clocks vide G.O. No. 80 dt. 12th Augt. 1875	1,200		1,200		
		Repairs and Carriage	200				
		Total		1,400		1,200	

Provincial
Part III.

162

Detail of Estimate for Repairs for 1877-78.

Range / District	Locality	Budget head.	Amount	Total	Estimate for 1877-78 Amount	Total	Estimate for 1876-77	Remarks
		Abstract.						
		Civil Buildings		39,545.		39,545		
		Communications		20,450.		18,450		
		Mis: Pub: Impt.		1,000				
		Tools and Plant		1,400		1,200		
		Total		62,395.		59,195		

Fort St George
25th Oct. 1876.

Encl.

R Murphy Major R.E.
Offg: District Engineer
Presidency

163

P.W.D.

Provincial [illegible]

Part III 1700

Presidency District

Dated 25th [illegible]

Recd [illegible]

Budget List

for 1877-78.

Provincial Part I

Detail of Estimate for Original Works for 1877-78.

Distt. No.	Locality	Project. Budget Head.	Amount of Estimate	Computed Expenditure up to 31 March 1877.	Estimate for 1877-78.	Remarks.
		Provincial Civil Buildings Original Works. Medical Department. Hospital.				
	BlackTown.	Working punkahs at the General Hospital by steam	3960.		3960.	G.O. No: 33 Dy. 8 May 1874. Under Public Works Code change to be 2956 of 15/10/75
		P.W. Dept.				
	do:	Prolonging Tramway from the Grand Jail to the site of the New Workshop at the 7 Wells	5250	"	5250	G.O. No. 1870 Dy. 11 July 1874. sanctions. " No. 2311 Dy. 9 Augt 1875. bringing to notice the urgency of the work.
	Ft St Geo:	Providing additional accommodation for the Lithographic Dept, Fort St George	4520		4520	G.O. No. 1325 Dy. 18 May 1874
		Ecclesiastical Dept.				
	Vepery	Improvements to St. Mathias' Church	17270-1715-0		17,270.	G.O. No. 1962 Dy. 3d April 1865. This project was brought forward from the Budgets of 1866-67
		General Purposes				
	Royapuram.	Alterations and additions to Govt Workhouse	17,700		17,700.	Sanctioned in G.O. No. 2214 Dy. 21 Augt 1876. Under Engr's No. 1227 of 1876-77-
		Med. Dept.				
	Black Town.	Reconstructing Contagious Diseased Wards in the Compound of General Hospital	8320		8320.	Revised plan and estimate submitted to the late Supdg. Engr for Buildings on the 18 July 1873 No. 1780, vide G.O. No. 32 of 4 July 1874. Cannot be traced - G.O. wrongly quoted -
					57,020.	

Revision

Provincial Part I

Detail of Estimate for Original Works for 1877-78.

Distt. No.	Locality	Project. Budget Head.	Amount of Estimate	Computed Expenditure up to 31 March 1877	Estimate for 1877-78.	Remarks.
		Prison Depte:			57,020	
	New Town	Constructing new quarters with outhouses for 3 Warders attached to the Penitentiary	8,900	.	8,900.	Plan and estimate submitted to Govt. vide G.O. No: 1175 Dy. 4 May 1874 — on 3d July 74.
	Blk Town.	Constructing Civil Debtors' Jail on the south side of Leper Hospital	1,38,000	"	25,000	Sanctioned in G.O. No: 3637 Dy. 1 Decr. 1868 — Under notification published at page 1259 of the Port St. George Dy. 25 Augt. '74 — it seems unnecessary for this item to appear in future Budgets. Orders solicited.
		Medical Depttt.				
	Egmore	Making certain improvements & additions to the Lying-in Hospital	31,800.	"	25,000	Deferred vide G.O. No: 30 Dy. 6 Augt. 1870.
		Judl. Depttt.				
	Egmore	Improvements to the Egmore Police Court	3230.	"	3230.	Sanctioned in G.O. No: 1461 Dy. 19 June 1876.
		Customs Depttt.				
	Beach	Constructing iron sheds in the Import Yard of Custom House	18,580.	"	18,580.	Sanctioned in G.O. No: 2278 Dy. 28 Augt. 76.
		General Purposes				
		Carrying out arrangements for accommodating the entire Ord. Secretariat in the building lately occupied by Ord. Workshop		"	50,000.	Plan and estimate under preparation vide G.O. No: 2392 Dy. 7 Sept. 1876.
		Water Supply to Honegar Chantry	12,500	"	12,500.	Plan & Estimate submitted to Govt. on 17 Oct. 1876, No: 3893.
					2,00,230	

Provincial Part I

Detail of Estimate for Original Works for 1877-78.

Distt. No.	Locality	Project. Budget Head.	Amount of Estimate	Computed Expenditure up to 31 March 1877.	Estimate for 1877-78.	Remarks.
					2,10,230	
		Grant for Minor Works the estimated cost of which does not exceed Rs 2,500 each	10,000.	"	10,000	
				Total	2,10,230	
		Communication				
Black Town 3		Constructing wrought iron plate girder bridge with wooden roadway in lieu of wooden structure of the Wallajah Bridge	17,940.	Total	17,940.	Plan and estimate submitted to Govt. on the 10 July 1876.
		Mis: Public Improt.				
		Nil.				

Provincial Minor New Work.

For Minor New Work Civil Buildings	For minor new Works Communication.	For Minor New Work Mis: Pub: Improt.	Total for Minor New Works estimated to cost less than Rs 200 each.
5000.	"	"	5000.
5000.	"	"	5000.

Abstract.

Civil Buildings — 2,10,230.
Communication — 17,940.
Mis: Pub. Improt. —
Total 2,28,170.

Dist. P. G. Guard
25. October 1876
VP.

A.A. 2,33,170

Offg. District Engineer
Presidency

Major R.E.

Provincial P.W.D.
Part I. 7706
Secundra District.

Recd. 25th Oct. 76
Recd.

Budget List for
1877-78.

167

Imperial
Part: III.

Detail of Estimate for Repairs for 1877-78.

Range & District.	Locality.	Budget Head.	Estimate for 1877-78. Amount	Estimate for 1877-78. Total	Estimate for 1876-77 Amount	Estimate for 1876-77 Total	Remarks.
		Imperial Repairs Military					
		Compensation or rent for quarters	15000.	15,000	15,000	15,000	
	Esplanade	Repairs to Cantonment Roads	6,000		6,000		Vide G. O. No: 2483 Dy. 30 Aug: 75.
	Beach	—do— —do—					
	Fort St. Jenge	—do— —do—	2,500		2,500		
				8,500		8500	Vide transfer over to Municipality G. O. 2826 dy. 5-10-76
		Miscellaneous					
	Fort St. Jenge	Repairs to Buildings	21,100				Total grant of Buildings see Classification in G. O No 325 dy 7/2/76
	—do—	Repairs to Fortifications	10,400				
	Veranture	—do— to Steamer for St. Jags	4000				
	Esplanade	—do— to Buildings	4,000				
		—do— to Buildings	100				
		Repairs to Punkahs		42,100		42,100	
				65,600		65,600	

Superintending Engineer

Imperial

Part III.

Detail of Estimate for Repairs for 1877-78.

Range & District.	Locality.	Budget Head.	Estimate for 1877-78. Amount	Estimate for 1877-78. Total	Estimate for 1876-77 Amount	Estimate for 1876-77 Total	Remarks.
		Civil Buildings - Repairs.					
		Minor Repairs to Telegraph Buildings	300				
		— do — to Postal — do —	300			600	As Cabled to Govt. Tel. No 2 1831 of 26-4-76
			Total	600			
		Tools and Plant	140			140	As Cabled
			Total	140			
		Abstract.					
		Military Buildings		65,600		65,600	
		Civil — do —		600		600	
		Tools and Plant		140		140	
		Total		66,340		66,340	

Dept. P. Genl
25th October 1876

E. Mansfield
Major R.E.
Offg. District Engineer
Presidency

Imperial

Part III.

Detail of Estimate for Repairs for 1877-78.

Range & District.	Locality.	Budget Head.	Estimate for 1877-78. Amount	Estimate for 1877-78. Total	Estimate for 1876-77 Amount	Estimate for 1876-77 Total	Remarks.

P.W.D.
26067/6
Imperial No 7708
Part III.

Presidency District.

Dated 25th Oct. 76
Recd 3 Oct. 76

Budget List for
1877-78.

Imperial — Part I.

Details of Estimate for Original Works for 1877-78.

Range & Distrct.	No.	Locality	Project. Description	Amount of Estimate.	Computed Expenditure up to 31st March 1876.	Estimate for 1877-78.	Remarks or References.
	1	Vedapetty.	Imperial Signal & Military Store for Entire set of New Lines				Plan and estimate are under preparation, under G.O. No: 1316 Dy. 26 May 1876. The Dr. Mr. Gnl. recommends this work for entry in the Budget.
	2.	Tyruampetty.	Commissariat Buildings Construction of 4 additional Ovens at the Government Bakery			9000	The Quarter Master General stated that he had entered this work in his Budget.
Range Distrct.			Officers Quarters				
Presidency Division	3.	Fort.	Providing a third storey for the quarters occupied by the Subordinate Commissioned Officers of the Ordnance Department	10,000.		10,000.	Detailed plan and estimate are under preparation and will be submitted shortly in obedience to Chief Engr's Memo: No: 1264 Dy. 22 Sept. 76. The Dr. Mr. General recommends this work for entry in the Budget.
			Accommodation of Troops				
	+	Vedapetty	Military Hospital			50,000.	Site not yet selected. Not recommended by the Dr. Mr. Genl. on acct. of restrictive orders on Expenditure.
		Veyasapandy.	Officers Buildings Additional quarters with out-houses for the European employés at the Govt. Cavalry Bakery	10,170		10,170.	G.O. No: 73 Dy. 12 June 76. — do — do
		Fort.	Officers Do Constructing verandah in front of quarters occupied by Dist. Engr. Overseers	6,180.		6,180.	G.O. No: 1952 Dy. 15 Augt. 72 — do — do
						1,35,350	

Imperial — Part I.

Details of Estimate for Original Works for 1877-78.

Range / Distrct.	No.	Locality	Project. Description	Amount of Estimate.	Amount computed Expenditure up to 31st March 1876.	Estimate for 1877-78.	Remarks or References.
			Brought forward			1,35,350.	
			Office Buildings				
	×	Esplanade.	Constructing Library at the Ordnance Lines	11,400.		11,400.	Deferred for want of funds, vide G.O. No: 28 Dy. 6 Augt. 76. The Qr Mr Genl does not recommend this work on acct. of the restrictive orders from the Govt of India on expenditure.
			Accr for Genl Purposes				
			Gymnasium for European Troops in the Fort	5000.		5000.	
			Cantt Buildings				
Mpl & Ry Dists	×	N. Beach	Stables for Commissariat Mules 21	17,200		17,200	Plan and estimate are under preparation and will be submitted vide G.O. No: 1132 Dy. 21 April 1875. The Dr Mr Genl does not recommend this work on acct. of the restrictive orders from the Govt of India on Expenditure.
			Accr for Stores				
		Podoopett.	Magazine and Store room	12,450	8,060	4,150	G.O. No: 185 Dy. 20. Jany 73. 2 Magazines at Vayapooram & Perambore completed
			Grant for Minor New Works the estimated cost of which does not exceed Rs 2,500 each	10,000		10,000.	do do do do No person was to be employed on these works in the Fort Range in the Year of 1876-77
					Total	1,83,100.	

173

Imperial – Part I.

Details of Estimate for Original Works for 1877-78.

Range & District.	No.	Locality	Project. Description Inclusive.	Amount of Estimate.	Amount computed Expenditure up to 31st March 1878.	Estimate for 1877-78.	Remarks or References.
			Imperial Minor New Works.				
			Civil				
District.			For Minor new Works under Military.	For Minor New Works under Civil Buildings		Total for Minor new Works estimated to cost less than Rs 200 each.	
Presidency			5,000	"		5,000	125 Works allotted for Fleet Budget of 1876-77
		Total	5,000	"		5,000.	

174

Abstract.

Military Buildings	183,100
Civil ——— do ———	"
Total	183,100.

Fort St George
25 Oct. 1876.

Geo. G. W.

Maj. R.E.
Offg. Distrct Engineer
Presidency.

X
P.W.D.
Imperial
No 7700
Part I.

Presidency Districts

Dated 25th Feb: 76
Recd 3 Feb: 76

Budget List
for 1877-78.

No 2647 — Imperial.

Part II

178

Detail of estimate for Original Works for 1877-78.

Ship's Depôt Hospital Poonamallee

Distt	No.	Reference to Plan	Project Description		Amount of estimate.	Completed expenditure up to 31st March 1877.	Estimate for 1877-78.	Remarks or reference.
	1		A Hospital at Poonamallee		102,000	40,000	62,000	176 Sanctioned vide G.O. No 2176 dated 18th August 1876.
	2		Barrack for 200 men	Rs. 140,000				
			2 Cook rooms	6,370				
			1 Lavatory	16,700				
			2 Dry earth latrines	5,000				
			Apothecary's Quarters with out offices	7,150				
			Family Quarters, Classes 1, 2, and 3 for 918. and 3 families	80150	2,55,370			
			Alterations and additions to the existing Buildings at Poonamallee.				20,000	268,370 as per the Govt of India Letter No 2221 of the 22nd August last.
			Depôt Hospital showing proposed additions	Rs. 5,355				
			European Barracks do do	9,195				
			Canteen showing proposed ridge ventilator for roof	530				
			French Barracks showing proposed ridge do do and alterations & latrine	1,770				
			Front and rear verandah to Garrison Sergeant Major's Quarters	470				
				17,320				
			Deduct for old Materials	4320	13,000			Vide G.O. No 2220 of 22nd August 1876.
					2,68,370			

No. 2647 Imperial.

Part II

Detail of estimate for Original Works for 1877-78.

Distt.	No.	Locality	Project Description	Amount of estimate &c.	Expenditure up to 31st March 1877.	Estimate for 1877-78.	Remarks or reference.
Ahmednagar	3	Chuiglepet	Barracks for 400 men and 1 hospital for do do for 1 Native Regiment and do do Place of arms &c Quarters for Europeans and East Indians and Natives belonging to the Grand Arsenal do do Gun Carriage Factory do do Gun Powder Factory New Gun Carriage Factory New Powder Factory. Grand Arsenal	27,51,220	"	20,000	Approximate estimates have been sent to the Dy Asstt Qr Mr General No 4199 dated 11th March 1875 with the exception of that for the Arsenal.
	4	Saint Thomas Mount	Constructing an Assistant Apothecary's 2nd at Saint Thomas Mount in the vicinity of the Military Female Hospital	3830	"	3,830.	For Mem — Vide G.O. No 3169 of 30th September 1869.
	5	Saint Thomas Mount	Constructing Stables for horses for two field Batteries of Royal Artillery at the Mount	"	"	10,000	Do No 1892 of 25th June 1867. A revised Estimate is under preparation. —

178

No. 2647 Imperial

Part II

Detail of estimate for Original Works for 1877-78.

Distt.	No.	Project Description	Amount of estimate	Remarks	Consolidated expenditure up to 31st March 1877.	Estimate for 1877-78.	Remarks or reference.
Chief Engineer & Surveyor Fort St. George Madras	6	Constructing Swimming baths for the Horse Artillery	Proposed Barrack Lines at the Mount Rs. 12,600	"		12,600	Vide G.O. No. 3668 dated 17th November 1866.
		Grant for Minor New Works cost of which does not exceed	the estimated Rs. 2,500	"		2,470	Rs. 150 granted for 1876-77.

Superintending Engineer's Office
Madras
31st October 1878

To The Secretary to Govt
P. W. D.

H. Lindsay Colonel R.E.
Supg Engineer Chief Engr

P.W.D.
20NOV76
No. 8390

From
The Superintending Engineer
Chengalpet

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

Dated 31st October 1876.
Received 7907 1876.

No. 2647

G.O. No. 274 dt. 27-1-77

Imperial
Part II.

Detail of Estimate
for Original Works
for 1877-78.

From
The Superintending Engineer
Chengalpet

To
The Chief Engineer
& Inspector
Public Works

Dated 1st November 1876
Received 8390
Superintending
Part
Detail of Estimate
for 1877-78

G.O. 274 dt. 27-1-77

No. 2904

Chingleput District

Imperial Fund — Part III Repairs

Detail of Estimate for 1877-78

	Chingleput	1877-78 Mount	1877-78 Secular	1877-78 Total	1876-77 Total
Imperial, Ordinary, Repairs. Military					
Fortifications	"	"	"	"	
Military Buildings.					
Accommodation for European Infantry	"	2,000	"	2,000	
do do Cavalry	"	"	"	"	
do do Artillery	"	7,000	"	7,000	
do for Native Infantry	"	1,000	"	1,000	
do do Cavalry	"	"	"	"	
do for General purposes	"	2,000	"	2,000	
Quarters for Officers	"	1,000	"	1,000	
Buildings for Staff purposes	"	1,000	"	1,000	
Commissariat Buildings	"	500	"	500	
Ordnance Buildings	"	1,000	"	1,000	
Rest houses	"	"	"	"	
Miscellaneous	"	"	"	"	
	"	15,500	"	15,500	14,253
Military roads.					
Contonment roads	"	4,200	"	4,200	
Other roads	"	"	"	"	
	"	4,200	"	4,200	3,350
Compensation for rent of quarters					
Military Subordinates	"	4,700	"	4,700	
Medical do	"	2000	"	2000	
	"	6,700	"	6,700	6053
Rent of buildings for accommodation of troops	"	"	"	"	
Miscellaneous Military	"	"	"	16,200	23,656
Other Services					
Civil Buildings					
Postal	100	"	100	200	
Telegraph	"	"	"	"	
	100	"	100	200	200
Communications					
Miscellaneous Public Improvements	"	"	"	"	

Supt Engineer's Office
Mount 17th November 1876

To

The Chief Engineer
P.W. Dept. with reference to
No. 1274 T. of 11th November 1876

Supt Engineer

Colonel R.E.
Engineer
Chingleput

No. 2010

District Engineer's Office
Camp Tanjore
21st October 1876.
Recd 23rd

From

Captain R.P.E. Buchanan R.E.
District Engineer, Tanjore

To

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

Enclosures 4

Sir

I have the honor to forward herewith the Budget Statements of Imperial and Provincial Works for the Tanjore District for 1877-78.

In the Imperial Budget the repairs to the Palace Building at Tanjore referred to in G.O. No. 174, dated 26 May 1876 have been included as it is presumed that funds for the work will be provided under Imperial. The Salt Works proposed for execution by the D.P.W. in 1877-78 have also been included in this Budget especially to G.O. No. 569 dated 31st March 1876.

In

P.W.D.
I 2007 76
7716

To the Provincial Budget
General works for which Estimates
were called for have been in-
cluded; the Estimates for these
works are under preparation and
every endeavour shall be made
to submit the same as early as
possible.

I have the honor to be
Sir
Your most obedient servant
P. M. Simmonds Captain R.E.
District Engineer

From
The District Engineer
Jaffna
To
The Colonial Secretary
Colombo
No 2210
Dated 21st October 1876
Subject
Provisional Budget
Statement of Public
Works Provincial
Works for 1877-78.

No 2047

District Engineer's Office
Camp Cadawaram
28th

From
Captain P.M.S. Buchanan R.E.
District Engineer, Jaffna

To,
Major General C.W. Walker R.E.
Secretary to Government, P.W.D.

Sir,

In reference to the items
marginally noted entered
under "Salt Works"
in the Imperial Budget
for 1877-78, forwarded
to you with my letter
No 2010 dated 21st October
1876, I have the honor to inform
you that from a communication
received from the Collector under
date the 23rd instant, it would appear
that the Board of Revenue have
in their Proceedings No 2374, dated
19th September 1876 recommended
the abolition of Valvanjanny as
a Salt Station — I have
brought

brought the above to your notice
in view to the items referred to
being removed from the Budget. 1914

I have the honorable
Sir
Your most obedient Servt
R Wellesley Captain R.E
District Engineer

Imperial — Tanjore Part II

Detail of Estimate

Project

District Tanjore

6 Budget

for Original Works for 1877-78

Provisional

Executive Division	No.	Locality	Description				Remarks or references (The particulars as to whether the Estimate has been prepared or sanctioned should be entered if sanctioned by the Court of Directors this Register No. should be quoted)
			Imperial				
			Original Works				
			Other Services				
			Civil & Buildings				
Tanjore Division	1	Tanjore	Repairing the Palace buildings at Tanjore	—	"	5,000 30,000	Estimate under preparation agreeable to G.O. No. 174 dated 26th May 1876 & No. 75 dated 15th September 1876
						30,000	
			Carried Over				

Executive Division	No.	Locality	Description of Project	Amount of Estimate	Expenditure to 31st March 1877	Estimate 1877-78	Remarks or reference (the particulars as to whether the Estimate has been approved or sanctioned, should be entered, if sanctioned by the Govt. of India the Register No. should be quoted)
			Brought forward			30,000	
Nagapattinam Division	2	Tondoor	Salt Works Constructing a bridge over the Road No. 36 over the new extension of the Vadavaiyem Canal	7570	52	7518	Est. No. 36300 sanctioned in G.O. No. 176 dated 21st July 1874 for the extension of the Vadavaiyem Canal provision was made for the construction of a bridge at a cost of Rs. 6950, but an altered design for the bridge amounting to Rupees 7570 was approved of in Chief Engrs. Memo No. 858 dated 4th November 1874. Funds were provided for Rs. 7518 in the Salt Budget for 1874-75 under the head "Petty Construction & Repairs". The Canal extension has been completed in the Revenue Department but the bridge has not been commenced. As the work is one requiring professional supervision it has been included in this Budget agreeable to G.O. No. 569 Dated 3rd March 1876.
			Total Carried over			37518	

Executive Division	Project & Description	Amount of Estimate	Completed & partially completed works 1877	Estimate for 1877-78	Remarks or references to the particulars as to whether the estimate has been prepared or sanctioned should be entered; if sanctioned by the Govt. of India the Letter No. should be quoted.
	Brought forward			37518	
Negapatam Division	3 Tripotoripondal Cleaning the Vadamiem Canal	7000		7000	Vide para 3 of G.O. No. 1670 dated 3rd July 1876 & 1625 of 07-19-9-76
Do	4 Valanguimi Constructing 2 sluices for supplying Valanguimi Sub Station with sea water	710		710	
Do	5 Do Do a supplying Station for Kizha Thambore	350		350	These works have been sanctioned for execution by the Collector under Revenue Board's Standing Circular No. 207 (II of 1875)
Negapatam Division	6 Negapatam cottai 3 Tunnels on the leading to the Salt Pans Nagalemcottai	360		360	
	Total Original Works			45938	

Executive Division	Locality	Project & Description	Amount of Estimate	Amount expended to 31st March 1877	Estimate for 1877-78	Remarks or references (the particulars as to whether the Estimate has been prepared or sanctioned should be entered; if sanctioned by the Board of Judicial & Revenue Wks. should be quoted).
		Minor Works the estimated cost of which does not exceed Rs.	2500 each			
		Civil Buildings				
		Postal				
Tanjore Division	Tanjore Court House compound	Minor Works	"	"	100	
Negapatam Division 8	Negapatam, Head & Municipal	Do.	"	"	200	
Negapatam Division 9	Negapatam Sub Treasury & Police	Do.	"	"	400	
Mannargudi Division 10	Mannargudi & Puttucottah	Do.	"	"	100	
		Total Postal			500	Funds under Public Works are held at the disposal of the G. of I.
		Telegraph				
Negapatam Division 11	Negapatam	Minor Works	"	"	250	
		Total Minor Works			750	
		Total Civil Buildings - Original & Minor Works			46688	

180

Abstract of the Original Estimate prepared for Works to be Disbursed by the Public Works Department

Main Heads	Imperial Total
Canal Buildings	46688 46688
Total	46688 46688

Supdg. Engrs Office
Camp. Peraumni
21st October 1876.
Recd 23d

Capt. R.E.
Executive Engineer Tanjore

Enclosure in a letter
from the District Engr.
Lonjore to the Secretary
to Govt. D. P. W. No 2010
dated 21st October 1876.

P.W.D.
RECEIVED
5716

Imperial

Part II Budget

Detail of Estimate
for Original Works
for 1877-78.

Imperial

Tanjore District

Part III Detail of Estimate for Repairs for 1877-78

Detail of Estimate for Repairs for 1877-78

		Estimate 1877-78 Amount	Total	Estimate 1876-77 Amount	Total
Civil Buildings					
Minor Repairs to Postal Buildings					
Tanjore & Combaconum Stations	Tanjore Division	50			
Mayaveram, Mealy, and Mumbilum Stations	Mayaveram Division	50			
Negapatam & Terootoo-poondi Stations	Negapatam Division	25			
Mummangudi & Puttoo-cottah Stations	Mummangudi Division	25			
Total Postal Buildings			150		100
Minor Repairs to Telegraph Buildings					
Negapatam Station	Negapatam Division	100	100		100
Total Civil Buildings			250		200

Held at the disposal of Govt. G.O. No 1031 of 24-4-78

Supdg Engrs Office
Camp Peragrupi
21st to 29th Sept 1876

Capn R.E.
District Engr Tanjore

- 8 -

Enclosures in a letter from the District Engineer Ganjam to the Secretary to Govt. P.W. No 2010 dated 21st October 1876

P.W.D.
2 OCT 76
7716

Imperial

Part III—6 Budget

Detail of Estimate for Retaining for 1877-78.

Capt. Ganjam

DISTRICT ENGINEER'S OFFICE, GANJAM,

No. 77 — 3rd Novr. 1876.

From

THE DISTRICT ENGINEER,

GANJAM.

To

The Deputy Chief Pr Department Madras

Enclosures 4

Budget-Estimate

SIR,

I have the honor to submit herewith Imperial & Provincial Budgets for 1877-78 prepared in accordance with the instructions contained in the orders received on the subject of No. 1042 dated 2nd October 1876.

I have the honor to be

Sir

Your most Obedt Servt

D Rhind

Dist Engineer Ganjam

P.W.D.
17NOV76
No. 3354

From

THE DISTRICT ENGINEER,

2d Brigade Ganjam.

To Brigade Major

The Deputy Commissary

No.

Dated 30
Despatched 7 } Nov 1876
Received 17

Enclosures. 4.

Schemes & Estimates 6.
& Memoirs & Abstracts 6
for the year 1877/78
prepared as per instructions
Contained in Board's
Resolution.

Part II

Detailed Estimate for Original Works for the Year 1877-78

Number	Fund	Class	Grand Head	Sub Head	Section	Division	Name of Work	Amount of Estimate	Estimate Carried Forward	Total	Remarks
		Classification				Executive					
1	Ordinary	Original Works	Military	Ordnance		No I Range Berhampore	Additional Buildings at Berhampore	Fortification & Barrack Ridge	660	660	Plan detailed & abstract Estimate will be submitted shortly as requested in G.O. No. 188 of 23rd February 1876.
2	do	do	do	do	Miscellaneous	do	Engagement at Berhampore	Military Hospital	845	845	Estimate submitted by Brigadier General Commanding Northern Division
3	do	do	do	do	Tools & Plant	do		Compound wall at Berhampore Tools and Plant	50	50	
								Total Military		1555	
4	do	do	Other Services	Civil Buildings	Telegraph Chicacole	No II Range	Construction of Chicacole	Telegraph Offices	3000	3000	This has been entered at the request of the Superintendent of Telegraphs who says the Superintendent of Telegraphs to have a suitable Building constructed at the above one.
5	do	do	do	do	Miscellaneous	do	Construction of Bell Compound	Beach road at Calingapatam	4000	4000	Estimates &c will be submitted shortly
6	do	do	do	do		do	do of Signal Station	Nominal Pomdy	695	695	Estimates &c submitted by Collector of Ganjam
7	do	do	do	do	Tools & Plant	do		do Tools and Plant	150	150	
								Total other Services		7845	
								Total Imperial		9,400	

Circle Godavery

Part III

Detailed Estimate for Repairs for the Year 1877-78

No.	Fund	Classification: Class	Main Head	Sub Head	Section	Executive Division	Name of Works	Amount	Remarks: Estimate by Executive Engineer	Remarks: Estimate by Chief Engineer	Remarks
1	Ordinary	Repairs	Military	Military Buildings for Staff purposes	No. I Range Barracks, Berhampore	Repairs to Barracks at Berhampore	400	Do	400		
2	do	do	do	do	Ordnance Buildings	do	Magazine at do	100	Do	100		
3	do	do	do	do	Miscellaneous	do	Hospital &c at do	100	Do	100		
4	do	do	do	do	Roads	Cantonment Roads	Cantonment Road at do	150	Do	150		
5	do	do	do	Compensation for Rent of quarters	Military Subordinates	do	Military Subordinates	50	Do	50		
6	do	do	do	do	do Medical do	do	Medical do	50	Do	50		
7	do	do	Other services	Civil Buildings	Postal	Repairs to do	Total Military			850		
8	do	do	do	do	do	do	Offices at Chicacole, Berhampore, Gopaulpore, Chicacole & Sompatta	300	Do	300		
9	do	do	do	No. II Range Chicacole	do	do	Chicacole and Kimedy	150	Do	150		
10	do	do	do	No. I Range Berhampore	do	do	Houses, Flagstaffs, Pilots Ports of Gaiyam, Gopaulpore, Soma and Barwah	1200	do	1200		
11	do	do	do	No. II Range Chicacole	do	do	do do at the Ports of Bavanpandi & Calingapatam	800	do	800		
	do	do	do	do	Lodgs & Bank	do	Bank	100	do	100		
							Total other Services			2550		
							Total Imperial			3,400		

Engineers Office
3 November
1876

To The Chief Engineer
P. W. D.

D. Maxwell
District Engineer

Enclosure to ltr No 77 dated
3d. Nov.r 1876, to the Deputy
Chief Engr. D & M.

P.W.D.
17 NOV 76
No. 8354

Gazetteer Dt Gaya — Head of Service "Provincial"

Detailed Estimates for Original Works for the Year 1877-78

No.	Classification: Fund	Class	Branch Head	Sub Head	Section	Executive Division	Name of Work	Amount	To be carried out by	Total	Remarks
1	Ordinary	Original Works	Civil Buildings Imperial Service	B. Revenue & General Depart.	District and Divisional Kutcheries	No. I Buchampur Division	Construction of Senior Assistant Collector's Kutchery at Buchampore	3000	P.W.D	3000	The Consulting Architect was directed vide G.O. No. 447 5 August 1874 to prepare a requisite design
2	do	do	do	do	do	do	Additions & Repairs to the Collector's Cutchery at Buchampore	1490	do	1490	Plans and Estimates submitted & Chief Engr's Letter No. 265 dated 30/9/76
3	do	do	do	do	do	do	Fitting Lightning Conductor to the Sessions Judge's Cutchery at Gaya	244	do	244	do do Submitted Collector of Gaya
4	do	do	do	do	do	do	Additions and Alterations to the Magistrate's Kutchery at Buchampore	2650	do	2650	
5	do	do	do	do	do	do	Additions & Alterations to the Kutchery at Aurungabad	924	do	924	Plans and Estimate submitted Collector of Gaya
6	do	do	do	do	do	No. II Chicacole Division	Fitting Lightning Conductor to the Head Assistant's Cutchery at Russelcondah	770	do	770	do do do do do
7	do	do	do	do	do	No. I Berhampur Division	Additions to the Jail at Gayaa	2090	do	2090	Plans & Estimates Submitted & the Chief Engr's D.O.
							Total Imperial Service	11,168			
8	do	do	Provincial Service	D. Salt Depart.	Inspectorial & Executive Cutcheries	do	Construction of Salt Cutchery at Hill Jail	875	do	875	Plans and Estimate submitted to the Inspector General of Jails
	do	do	do	E. Police & Distrct Jails	do	do	Construction of Military Police Lines at Russelcondah	580	do	580	Plans and Estimate submitted to the Superintendent of Police Gaya
	do	do	do	F. Police Depart.	Police Stations	do	Construction of Police Station Houses at Pudmanabapore	1140	do	1140	Plans and Estimate submitted to the Superintendent of Police Gayaa

Ganjam Division — Head of Service "Provincial"

Detailed Estimates for Original Works for the Year 1877-78

No.	Classification: Fund	Class	Main Head	Sub Head	Section	Executive Division	Name of Work	Amount	To be carried out by	Total	Remarks
11	Ordinary	Original Work	Civil Buildings Provincial Service	F. Police Department	II Stations	No. I Berhampur Division	Fitting Lightning Conductor to Police Station House at Russelcondah	190	P.W.D	190	Plan & Estimate submitted to the Collector of Ganjam
12	do	do	do	do	do	No. II Chicacole Division	Construction of Police Station House at Bommally	1010	do	1010	Plan & Estimate submitted to the Supdt. of Police Ganjam
13	do	do	do	do	III Huts	do	Construction of 4 Head Constables Huts at Chicacole	6472	do	6472	do do do
14	do	do	do	do	VI Miscellaneous	No. I Berhampur division	Improvements & alterations to Hospital at Russelcondah	573	do	573	Estimate submitted to Chief Engr. & P.W.D.
15	do	do	do	do	do	do	Fitting Lightning Conductor to do at do	190	do	190	Plan & Estimate submitted to the Collector of Ganjam
16	do	do	C. Educational	II Schools	do	do	Construction of 6 Taluq Schools at Russelcondah	1118	do	1118	Plan and Estimate submitted to do do
17	do	do	L. Public Works Dept.	I Offices	do	do	Construction of 1st Class Range Office at Berhampore	2000	do	2000	Sanctioned Vide G.O. No. 2 of 6th & 98th Octobers 1875
18	do	do	do	do	do	No. II Chicacole Division	Construction of Overseers Office at Rajahmundry	1060	do	1060	Plans & Estimates submitted to the Chief Engr. & P.W.D.
19	do	do	do	do	do	do	Construction of Overseers Office at Tekkally	560	do	560	Plan and Estimate submitted to do do
20	do	do	F. Police Department	II Stations	do	do	Construction of Police Station House at Peddanabapore	1140	do	1140	Plans and Estimate submitted to the Superintendent of Police

Original Detail — Head of Service "Roads"

Detailed Estimates for Original Works for the Year 1877-78

No.	Classification: Fund	Class	Main Head	Sub Head	Section	Executive Division	Name of Works	Amount	To be carried out by	Total	Remarks
21.	Ordinary Original Works	Provincial Service	2 Communications		No I Berhampur Division		Construction of a Canal from Chilka Lake to Ganjam Port	11,000	Rds	11000	G.O. No 580 of 1st Sept 1877 Re 74 of Budget of 1878 + 48,000 provided Loan Sept 1876-77
22.	Rds	Rds	Rds	Main Roads	Rds		Construction of a road from Khorjajada to Berrette	2000	Rds	2000	Estimates &c will be submitted shortly
23	Rds	Rds	Roads and Plantations	Provincial Service	Rds		Roads and Plantations	300	Rds	300	
24	Rds	Rds	Rds		No II Chicacole Division		Rds & Rds	260	Rds	260	
									Total Provincial Service	29768	
									Total Provincial	40,936	
	Distant Engr Chittagong		Rds		No II Chicacole Division		P. Clty Works	600	Rds	600	
								400	Rds	400	

Received 31/3/77

Enclosure to 8077 Dated
3rd Nov. 1876 to the
Deputy Chief Engr. & Surr

P.W.D.
17NOV76
No. 3351

Ganjam District — Head of Service — "Provincial"

Detailed Estimate for Repairs for the Year 1877-78.

No.	Fund	Classification: Grand Head	Sub Head	Section	Executive Division	Name of Work	Amount	Total Carried forward	Total	Remarks
1	Ordinary									
2	Ditto	Repairs Civil & Judicial Buildings Imperial Departmental Service			No. I Berhampur Division	District and Sessions Court Houses at Berhampore and Aska	100	P.W.D.	100	
3	Ditto	Ditto	Ditto	Ditto	No. II Chicacole Division	Sessions Court Houses at Chicacole & Ragomadapur	100	Do.	100	
4	Ditto	Ditto	B. Revenue Board General Distributed Department Divisional Collectorates		No. I Berhampur Division	District Collectors, Cutcherys at Chatterpore and Russelcondah & Assistants Agents Cutcherys	4000	Do.	4000	
5	Ditto	Ditto	Ditto	Ditto	No. II Chicacole Division	Principal Asst Collectors Cutcherys at Chicacole	300	Do.	2300	
6	Ditto	Ditto	Ditto	Talaries Cutcheries	No. I Berhampur Division	Shanbdars Cutcheries at Russelcondah and Sub Magistrates Cutcheries at Ganjam, Parlakimedy, Aska Chatrapore and Sompetta	800	Do.	800	
7	Ditto	Ditto	Ditto	Ditto	No. II Chicacole Division	Shanbdars Cutcheries at Magistrates Cutcheries at Ragomadapore and Chicacole and Sub Magistrates Cutcheries at Narasannapatta, Kimedy	300	Do.	300	
8	Ditto	Ditto	Salt Department	Superintendents Department	No. I Berhampur Division	Salt Cutcheries at	100	Do.	100	
					No. II Chicacole Division	Salt Cutcheries at Monsparda and Omerandly	100	Do.	100	
						Total Imperial Service			5,800	

Education Head 2000

7,000

Canjam Distt 6 — Head of Service "D" — Provincial 3"

Detailed Estimate for Repairs for the Year 1877-78.

No.	Fund	Classification: Main Head	Sub Head	Section	Executive Division	Name of Work	Amount	Total Carried forward	Total	Remarks
1	Ordinary Repairs									
2	Civil Buildings Provincial Service.	E Buildings Department			No I Berhampore Jails Division	District Jail at Berhampore	300	Nil	300	
3	do	do	IX Miscellaneous	do	do	Subsidiary Jails at Chettapore, Ganjam, Parlakimedy, Russelcondah, Berhampore, Ichapore & Sompetta, Aska, Sooriah, Jail at Russelcondah	500	Do	500	
4	do	do	do	do	No II Chicacole Division	Subsidiary Jails at Chicacole, Narasannapatta, Hurrie, Rajahmundapore and	200	Do	200	
5	do	do	F Police Department	I Officers	No I Berhampore Division	District Police Superintendent's Office	250	Do	250	Police
6	do	do	do	II Stations	do	Police Station Houses at Berhampore, Ingilly, Atchapore, Gungapore, Russelcondah, Sooriah, Rumbah, and Ichapore	380	Do	380	
7	do	do	do	III Miscellaneous	do	Police School at Chettapore and Police Hospitals at Chettapore and Russelcondah	570	Do	570	
8	do	do	do	II Stations	No II Chicacole Division	Police Station Houses at Narasannapatta, Calingapatam, Hurrie, Varaha, Buttivalsa, Cassebourgh, Sarvacotta and Rajahmundapore	300	Do	300	
						Total	250	Do	250	
9	do	Public Works Department	do	III Miscellaneous	Do.	Taluq Normal School at Russelcondah	150	do	do	Educational

Gayana Division — Head of Service — "D"

Detailed Estimate for Repairs for the Year 1877-78.

No.	Fund	Classification: Branch Head	Sub Head	Section	Executive Division	Name of Work	Amount	Total brought forward	Total	Remarks
10	Archiving	Repairs								
xiii	Civil Buildings & Roads Public Works	Ge Education	ii Schools	Sec II Chicacle Division	Anglo Vernacular Schools	Sch at Chicacle —	70	P'W'D	70	Education
11	Do	Do								
12	Do	Do	Do	iii Miscellaneous	Do	Salary Schools at Rayoon	30	Do	30	
13	Do	Do	H Medical & Sanitary Depart.	iv Miscellaneous	Berhampur Division	Stores Rent & Medicines	Subsistence &c Civil Suite — 500	Do	500	1100
14	Do	Do	Do	Ecclesiastical			Berhampur — 50	Do	50	
15	Do	Do	Do	i Churches	Do	Protestant Churches at	Gayani Russellcondah and Berhampur — 75	Do	75	
			Do	ii Cemeteries	Do	Burial Grounds at Berhampur				
16	Do	Do	Do	i Churches	Sec II Chicacle Do	Protestant Church	Chicacle — 35	Do	35	
17	Do	Do	Do	ii Cemeteries	Do	Burial Grounds at	Chicacle & Remo — 25	Do	25	200
18	Do	Do	Public Works Depot	i Offices	Sec I Berhampur Do	District and Range Offices and Chellapetam	Peon at Berhampur — 100	Do	100	
19	Do	Do	Do	iii Miscellaneous	Do	P.W.D. Shed at Gayani	Overseers Office at Chellapetam — 25	Do	25	
20	Do	Do	Do	i Offices	Sec II Chicacle Do	Range Offices & Overseers	Offices at Chicacle — 50	Do	50	
		(2) Communications	ii District Roads		Sec I Berhampur Division	Maintenance of Chaussée to Kalingiah &c	Road from Tentalpada No 36 of 18-2-75 — 1800	Do	1800	
								Total Provincial Service	5460	
								Total Provincial	11460	

Engineer Gayana

Engineer Officer 3rd November 1876

To The Chief Engineer

D Shaw
Dist Asst Engr

Dist Asst Engr Chellapetam

Encls: G.No.177 dated
3rd Nov: 1876 G. C.
Superintending
Engineer

P.W.D.
INWARD
No. 3351

South Canara District.

Statistical Budget Estimate of the Public Works Department for 1877-78.

Part I

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

	Estimate 1877-78	Estimate 1876-77	Total 1877-78	Total 1876-77
Ordinary Military				
Original works	300.	300.		
Repairs	750	800.	1050.	1100
Other Services Civil Buildings				
Original works	.	.		
Repairs	120	200	120	200.

Executive
District Engineer
South Canara

Estimate
Imperial
B.P.W. Sand
Detail of Estimate for

Estimate
Camm District
Original Works for 1877-78.

Bill

Abstract of the grant proposed for all original works to be effected by Public Buildings Department

—— Nil ——

Statement of Estimates required for Service Works to cost less than Rs 20,000 each.

District	Estimate No and Name of Work	Estimate Amount of Work	Estimate Amount of Civil Charges	Estimate Amount of Establishment Charges	Estimate Amount of Contingencies
Mangalore Division	Accommodation for Salt Sanitary	300			300.

Nos 20 abs. Civil for 1876-77.

Executive Engineer
District Engineer
South Canara

211

IENT.

ent,

T:—

Office
October 76.

H.C.B

ent.

ment.

ice

other

thar

lency

order

ving

ishi

S. P. P. South Canara District

Imperial Fund

Part III Repairs

Detail of Estimate for 1877-78.

		Estimate 1877-78		Estimate 1876-77	
		Amt.	Total	Amt.	Total
Ordinary Repairs					
Military					
Military Buildings					
Mangalore Division	Accommodation for Native Infantry	600	-	600	
Military Roads					
Mangalore Division	Other Roads	150			
Compensation for Rent of Quarters					
Mangalore Division	Musical Subordinates	-	750	200	800.
Other services					
Civil Buildings					
Mangalore do	Postal	90		100	
Poottoor do	Ditto	30	120		
Mangalore do	Telegraph	-	-	100	200

District Engineer's office
Camp Cundapur
18th November 1876.
Despd 21st do

Executive Engineer
District Engineer
S. Canara

EPARTMENT.

ernment,

aper :—

S. Office
October 76.

M.C.B.

ent.

ment.

ice

tober

han

ency

nder

ring

ali

Executive Engineer's office

P.W.D.
24NOV76
No. 8522

Barracks & Buildings

MILITARY DEPARTMENT.

No. 5327

Proceedings of the Madras Government,
23rd October 1876.

READ the following Paper:—

Quarter Master Genl's: Office
Fort Saint George - 12th October 76.

Thro: Pub: Works Dept.

No. 6904.

From

Brigadier Genl. A. Hartlett C.B.
Quarter Master Genl.

To

Coll. J. Michael C.S.I.
Secretary to Government
Military Department.

Sir

With reference to this Office letter No. 6718, dated 7th October 1876, I have the honor in anticipation of the approval of His Excellency the Commander-in-Chief, and in order to save delay to forward the following list

Superintending Engineer
Officiating Chief
Public Works Department
for 1877-78.

Estimate for Barracks & Hospitals

Civil Engineer's Office
South Division

lists of Public Works, Military to
be provided for in the Budget of
1877-78.

I List of Major Works both in
progress and new Works pro-
amounting to Rs: 2,99,380.

II List of Minor Works amounting
to Rupees 18,265.

Thanking you

(Signed) A. Hewlett, Brigadier Genl
Quarter Master Genl:

Order — Communicated
and the enclosures transferred
to the Public Works Department
for the issue of the necessary orders
and the provision of funds.

(True Extract)

J. Michael. Capt.
Secretary to Govt:

To
The Public Works Dept:
with two lists
Quarter Master Genl:
a.a.g.

P.W.D.
25 OCT 76
No. 7600

Military Department

Dated 23rd October 1876.

Encls: 2 & Rs 5827

Communicating Letter from the Quarter Master General forwarding Lists of Military Works for entry in the P. W. Budget of 1877-78.

No 5316 & 5-69 1/2

A.

District	Work.	Amount Estimate of Estimate Estimate Estimate under the Head 1877	Amount Estimate of Estimate Estimate Estimate under the Head 1877/78	
Chinglepet	New double storied hospital for 90 Patients with out Kitchen &c &c complete	1,02,000	60000	60,000
Kellary	Canteen at Kellary	23,500	5325	15,000
	Recreation Room at Do	27,380	5357	23,000
	Water Supply Project at Do	1,11,628	1,36,670	5000
	New roofs to Verandah of Barracks and Office of Royal Artillery at Do	8,600	7498	1,100
Malabar	Improving drainage of Europeans Infantry Barracks Quarterly by laying double glazed tiles for waste water and open drains for rain fall at Cannanore	7200	3,300	3900
	Total Rupees	1,29,000		

C. H. Walker Major General
Chief Engineer P.W.D.

Fort St George
Dec 1876

B.

District	Work	Amount of Estimate	Computed Expenditure up to end of March 1877	Estimate 1877/78
Presidency Singapore	Ground for construction Entire rest of new lines at Tadoopatt New double storied Barracks for 200 men without homes at Kim, Singapore	1,68,070		57,000
	New Quarters for 30 families without homes	80,150		40000
	—do— for Apothecary	7150		80,000
	Alterations to existing buildings and demolitions	12,000		
	New Lines and Racket Court			
	Total Rupees	1,50,000		

Comm. Mer. Major Genl. R.E.

Chief Engineer P.W.D.

Lieut. St. George
Dec 1876

C.

List of Sanctioned Works

District	Work	Amount of Sanctioned Estimate	
Bellary	Three Latrines at Native Infantry Regimental lines at Bellary	4290 ✓	B
	American Skittle alley at do	4520 ✓	
Bangalore	Cost of road from Trinity Church to Agram Barracks	9200 ✓	
	Reconstructing Quarters for Quarter Master Sergeant at Ulsoor Barracks	4220 ✓	
	Alterations and repairs to the range of buildings on the western side of the Commissariat Godown	8900 ✓	B
	3d Portion for Race Course Agram Hospital	78970 ✓	
	Hospital Serjeants Quarters to 3d Portion Race Course	2850 ✓	
	Stabling for 182 horses Royal Horse Artillery	33610 ✓	
	do for 220 horses Royal Artillery Race Course	42920 ✓	
	Constructing cookhouses and furniture for 4 Native Infantry Regiments	4800	* Rs 2342 expended
	Garrison Gymnasium at Bangalore	* 44600 ✓	* vide 1876-77
	Constructing a new filter and a pure water tank and certain alterations to Ulsoor Water Works	12500	B
	Stone wall inclosure around Military Prison	22100 ✓	

Bangalore — Providing tracks in the Ordnance Gun Powder Magazine — 2560 — * 72 Rupees spent up to end of 1875-76 and Rs. 2752 in 1876-77.

Drainage of Artillery Barracks — 10400 — * Rs. 6000 spent up to end of 1875-76 and Rs. 4752 in 1876-77.

Drainage of Native Infantry lines — 14400

Silgiria — Waterloo bridge at Wellington — 17870 — * Rs. 6000 spent up to end of 1875-76.

Malabar — Subsidiary building for Battery of Artillery at Cannanore — 26830

Converting No. 1 Range Family Quarters into Guard room and lock up for the European Infantry Regiment at do — 13930

Painting doors and windows of the Barracks, married Quarters and out-houses at do — 4430

Improving drainage of European Infantry Barracks square by laying down glazed pipes for waste water and other drains for rain fall at do — 7200

Asphalting verandahs and boarded floors of Officers Quarters at West Hill — 2700

E. Smith Major Genl R.E.
Chief Engr & Secy to Govt.
Fort St George
December 1876

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.

General.

Fort William, December 8, 1876.

Distribution of the grant for Military Works for 1877-78.

Read again the following papers :—

Letter from Secretary to Government of Madras, No. 2206 A, dated 18th October 1876.
Ditto ditto of Bombay, „ 289 A, dated 15th September „
Ditto ditto of Bengal, „ 186 T, dated 10th October „
Ditto ditto of North Western Provinces, No. 399 B, dated 12th October 1876.
Ditto ditto of Punjab, No. 586 C, dated 19th October 1876.
Ditto ditto Chief Commissioner, Central Provinces, No. 5906, dated 16th September 1876.
Ditto ditto ditto, British Burmah, „ 4099, dated 23rd September 1876.
Ditto ditto ditto, Assam, „ 1483, dated 16th September 1876.
Ditto ditto Resident, Hyderabad, No. 336, dated 28th September 1876.
Ditto ditto Governor General's Agent, Rajpootana, No. 2520 S, dated 25th September 1876.
Ditto ditto ditto, Central India, No. 3122, dated 3rd October 1876.
Ditto ditto Chief Commissioner, Coorg, No. 1919, dated 29th September 1876.
Ditto ditto ditto, Port Blair, No. 657 G, dated 22nd September 1876.
Ditto ditto Inspector General, Military Works, No. 4088, dated 28th June 1876.

RESOLUTION.—The Government of India having had under consideration the question of the grant to be allowed for Military Works, including the Barrack Department for 1877-78, has been pleased to fix the amount provisionally at the same sum as the grant for the current official year, *viz.*, Rs. 1,22,84,000. The amount allowed is distributed as follows as compared with the demands by Local Governments and Administrations and the grant for 1876-77 :—

	Demand, 1877-78.	Grant, 1877-78.	Grant, 1876-77.
	Rs.	Rs.	Rs.
Madras	11,55,000	7,50,000	7,50,000
Bombay	44,57,000	17,01,750	17,01,750
Bengal	72,097	61,250	61,250
North Western Provinces	41,453	40,000	44,000
Punjab	5,20,000	2,77,000	2,77,000
Central Provinces	7,01,580	3,90,000	3,90,000
British Burmah	3,70,000	3,16,000	3,16,000
Assam	67,520	50,200	50,200
Hyderabad	6,00,000	5,46,000	5,46,000
Rajpootana	3,82,000	3,49,850	3,49,850
Central India	5,50,000	4,23,400	4,23,400
Coorg	15,135	13,800	9,800
Port Blair	83,000	75,000	75,000
Total ...	90,14,785	49,94,250	49,94,250
Inspector General of Military Works ...	79,14,000	72,89,750	74,73,000
Total ...	1,69,28,785	1,22,84,000	1,24,67,250
Less to be met by probable short outlay ...	...	...	1,83,250
	1,69,28,785	1,22,84,000	1,22,84,000

2. It is left to the several Local Governments and Administrations to distribute the grant allowed as circumstances may require, subject to the following remarks, and to the condition that full provision is made for ensuring adequate progress on works under construction and for the efficient maintenance and repair of buildings.

Grant for defensive works, Aden, pumping engine and boiler-house, Bombay Dock-yard, and Ordnance Buildings, Kirkee.

3. The grant of Rs. 17,01,750 allowed to Bombay is subject to the condition that sufficient provision is made for these works.

Funds for providing quarters for Non-Commissioned Officers of the Khedda Department, Dacca, Bengal, Rs 7,000.

4. The Government of Bengal is requested to take into consideration the question of whether it would not be the more economical arrangement to hire a building instead of constructing quarters.

Provision of funds for the protective works at Dera Ismael Khan, Rs. 1,50,000.

5. The Punjab Budget-Estimate should be prepared without any amount being included therein for these works. They will be exceptionally provided for on their own merits on a decision being arrived at on the investigations now in progress.

Provision for remodelling old Barracks at Kamptee.

6. The provision for this purpose should be made under the head Original Works, instead of Repairs, and the Budget-Estimate should be prepared accordingly. The grant allowed to the Central Provinces is subject to the condition that sufficient provision is made for these works.

Order in which the several original works at Kamptee should be undertaken.

7. The opinions expressed on this point by the Chief Commissioner, Central Provinces, are judicious, and are approved of.

Grant for works under the Inspector General of Military Works.

8. Separate orders will be issued on this point.

Possible reduction in grant for 1877-78.

9. In order to meet any reductions that possibly may be required in the grant for Military Works for 1877-78, Local Governments and Administrations are requested to submit with their Budget-Estimates a statement of the allotments provided for therein which can best be reduced or disallowed. The total amount of the statement of such possible reduction must not be less than 20 per cent. of the grant.

Governments of Madras, Bombay, Bengal, North Western Provinces and Punjab.
Chief Commissioners, Central Provinces, British Burmah, Assam and Coorg.
Resident at Hyderabad.
Governor General's Agents, Rajpootana and Central India.
Superintendent, Port Blair.

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

G. J. MELLISS,
Offg. Depy. Secy. to the Govt. of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.
General.

To

The Governments of Madras, Bombay, Bengal, North Western Provinces and Punjab.
The Chief Commissioners, Central Provinces, British Burmah, Assam and Coorg.
The Resident at Hyderabad.
The Governor General's Agents, Rajpootana and Central India.
The Superintendent, Port Blair.
The Inspector General of Military Works.
The Military Department.
The Financial Department.

Nos. 1054—68 A—G.

Dated December 8, 1876.

Received

Distribution of the grant for Military Works for 1877-78.

No. 682, P. W. D. Press—8-12-76—18.

Cir 19-12-76.

From the Govt of India No: 1054-68 A.G. dated 8th Dec.r 1876.

Lapse in deference to the Comd.r in Chief, but I think we have preferred concentrating expenditure on the bigger works - leaving hurrpees to be made hereafter to the smaller ones.

FOR ORDERS.

Instead of giving the whole Rs: 80'000 for works at Pomamallee Avadi proposes to apportion Rs: 40'000 for them, & allot the remaining Rs: 40'000 as follows:-

	Rs.
Latrines for N. Sapp.rs at Bellary	4.290
Bangalore. Alterations & additions to buildings in Fort: Square	8.900.
Ulsoor Constructing a new filter	12.500
Cannanore. Converting No 1 Raiya Family Quarters in a Guard room & lock up for European Sapp.rs	13.930
	Rs: 39.620.

Abount Rs: 57,300 may be required for the Powder Mills, but if so [illegible] + This might be [illegible] Rs 52,000 [illegible] Rs 31,000 [illegible] works [illegible] Class C —

& it can be arranged hereafter by transfer —

I am glad to understand

22. Dec. 76.

On their Resolution No 1054-68 A.G. of 8th December 1876 the Govt of India accepts a demand of Rs 7,50,000 for Military works for next year. From this amount Rs: 2,50,000 have been Provided for Repairs, Rs 1,50,000 for Establishment with Rs 16,000 for Tools and Plant, and Rs 84,000 for Minor New Works and Reserve. The sum available for Major works will therefore be only

Rs: 2,50,000. This 2½ Lakhs might be concentrated on works, nearly complete, at the Presidency, Mount Range and Bellary, as shewn in statements A & B. A third statement marked C is submitted of other sanctioned works of less importance. The principal point requiring decision is whether the sum of Rs 80,000 shall be appropriated to any work urgently required in the Poonamallee Barracks, or be distributed among other works appearing in statement C. If the latter alternative be

adopted it is requested that a selection of works may be made.

The Budget is due at Calcutta on the 1st January. It is requested therefore that the papers may receive early attention

Commander in Chief Major Genl &c.
Secy to Govt P.W.D.

Preliminary Issue

Imperial
Buildings and Roads. Madras

Public Works Department

Imperial Budget Estimate

of the

Buildings and Roads Branch

of the

Government of Madras

for the year

1877-78.

Fort Saint George
27th January 1877

Imperial
Buildings and Roads — Madras.

Contents

Abstract of the Budget Estimate of Revenue for Public Works — 2
Do — Do — of Charges — 3
Part I — Details of Estimate for Ordinary Works — 4-11
" II — Do — Do — for Repairs — 12-19
Abstract by Divisions of the Grants provided above. — 20-21
Part III — Detail of Estimate for Establishment — 22
" IV — Do — Do — for Tools and Plant — 23
" VI — Do — Do — for Suspense — 24
Appendix A — Abstract of the Grants for each Deptt. — 25
" B — List of Class C Works. — 27-26

Imperial Buildings & Roads.

Revenue

Madras

Government of Madras.

Imperial Budget Estimate of Revenue of the P.W. Department Buildings & Roads Branch, Madras for 1877-78.
Estimate of the Imperial Revenue from the P.W. Department in Madras for the year from 1st April 1877 to 31st March 1878.

	Budget Estimate 1877-78	Budget Estimate 1876-77	Regular Estimate 1876-77
Military	Rs	Rs	Rs
Rents of buildings the returns from which are not expected to yield any interest on cost of construction			
Casual Rents of buildings	33,221	31,240	33,221
Sales of buildings	2,973	2,805	2,973
Sales of Tools and Plant	229	217	229
Sales of Old materials	67	64	67
Value of materials received from old buildings	8,677	8,185	8,677
Fines, Refunds and Miscellaneous	388	367	388
	1,689	1,594	1,689
Total	47,244	44,572	47,244
Other Services			
Rents of quarters for Officers the returns from which are expected to yield any interest on cost of construction	"	"	"
Casual rents of buildings	53	50	53
Sales of Produce	"	"	"
Sales of old materials	"	"	"
Sales of Tools and Plant	10,501	9,906	10,501
Exchange	987	932	987
Recoveries of deferred fees from students of Royal Civil Engineering College	"	"	"
Unclaimed deposits	2,030	1,915	2,030
Fines, refunds and Miscellaneous	"	"	"
	13,542	12,775	13,542
	27,113	25,678	27,113
Grand Total { In P.W. Department	74,357	70,150	74,357
In Civil do	143	1,700	143
	74,500	71,850	74,500

Imperial Buildings & Roads.

Charges.

Madras

Government of Madras.

Imperial Budget Estimate of ordinary expenditure of the P.W. Department Buildings & Roads Branch, Madras for 1877-78.
Abstract of the Estimated charges for Imperial Public Works in Madras for the year from 1st April 1877 to 31st March 1877.

	Reference to Detailed Estimate	Budget Estimate 1877-78	Budget Estimate 1876-77	Regular Estimate 1876-77.
Military		Rs	Rs	Rs
Original Works	Page 4-9	357,000	379,000	
Repairs	12-17	250,000	250,000	
Establishment	22	152,000	157,000	
Tools and Plant	23	14,000	14,000	
Stock and Suspense	24			
		753,000	760,000	
Other Services.				
Civil Buildings—Original Works	8-9	24,550	14,000	
—Do—Repairs	18-19	6,000	5,000	
Communications—Original Works	8-11	24,270	59,200	
—Do—Repairs	19	13,000	1,000	
Miscellaneous Pub: Imprts—Original Works	10-11	1,000	"	
—Do—Repairs	19	1,000	"	
Establishment	22	17,205	19,750	
—Do—Special		"	"	
Tools and Plant	23	1,032	1,550	
Stock and Suspense		"	"	
		87,057	100,500	
Grand Total { Original Works		406,820	452,200	
Repairs		269,000	256,000	
Establishment		169,205	176,750	
—Do—Special		"	"	
Tools and Plant		17,032	15,550	
Stock and Suspense		25,000	50,000	
Total		837,057	850,500	754,010

Imperial
Buildings & Roads

Government
Part

Detail of the Budget Estimate of Original Works, Imperial

of Madras

Madras

I

al Buildings and Roads for the year 1877-78.

Head of Classification	Executive Division	Locality	Item No	Projects and Works.	Amount of Estimate	Outlay Actual to end of 1875-76	Outlay Probable during 1876-77	Grant for 1877-78 Annual	Grant for 1877-78 Special	Item No	Remarks and References.
					Rs	Rs	Rs	Rs	Rs		
				Military							
Accommodation for troops-Buildings for European troops on the plains, European Infantry (1) Auxiliary accommodation		Bellary		Barracks for European Infantry Bellary							
Do	Do	Do	1.	Canteen (A)	362988	321553	10682	"	14000		
					23,500	"	5375	"	18000	1	G.O. No 3161 of 7 Nov 74. Item No 17 of Budget of 1876-77.
Do	Do	Do	2.	Recreation room (A)	27380		5357	"	22000	2	Do Do Item No 18 of do
				Barracks for European Infantry Cannanur	310135	272563	"	"	13930		
Do	Cannanore	Cannanore	3.	Converting 4 K Range Family Quarters into Guard room at Lochurs (B)	13930	"	"	"	13930	3.	G.O. No 3078 of 30th Oct 75 - Item No 45 of Budget of 1876-77.
				Barracks for European Artillery Bellary.	263961	297824	12400	6200	"		
European Artillery (1) Barracks and out offices for single men	Bellary	Bellary	4	New roofs & Verandahs (A)	18600	"	12400	6200	"	4	G.O. No 3292 of 5th December 1876.
				Buildings for Native Infantry							
Buildings for Native troops on the Plains - Native Infantry (1) Auxiliary buildings	Do	Do	5.	Three Cattines (B)	4290	"	"	"	4290	5	G.O No 736 of 22 March 76 Item No 22 of Budget of 1876-77.
Buildings for Native troops on the plains Native Infantry	Presidency	Puduppet	6.	Ground for construction of cattines & out-houses (B)	61655	"	"	"	50000	6	G.O No 3277 of 4 Dec 1876 Item No 27 of Budget of 1876-77.

Imperial Buildings and Roads — Government of Madras — Madras

Part — I.

Detail of the Budget Estimate of Original Works, Imperial Buildings and Roads for the year 1877-78.

Head of Classification	Executive Division	Locality	Item No.	Projects and Works.	Amount of Estimate	Outlay to end of 1875-76 (Actuals & Probable)	Grant for 1876-77 Normal	Grant for 1876-77 Special	Item No.	Remarks and References.
					Rs	Rs	Rs	Rs	Rs	
Accommodation for troops										
Buildings for European troops on the plains		Mount Poonamallee		Barracks for European troops at Poonamallee	370,370	13,240	...	192000		
(1) Barracks and out-offices for single men			7	Double storied barracks for 200 men with out houses (B)	168,070				7	
(2) Barracks and out-offices for married men			8	Barracks for 30 families with out houses (B)	80,150			11,890	8	Estimate of Rs 268,370 forwarded to Govt of India with letter No 2221 of 22d August 76 Items No 28. to 32 of Budget of 1876-77.
(4) Auxiliary accommodation			9	Quarters for Apothecary (B)	7150				9	
			10	Fives and racket court (B)					10	
			11	Alterations to existing buildings and demolitions (B)	13900				11	
(3) Hospital accommodation		Do	Do	12 Double storied hospital for 90 patients with out houses (A)	192,000	12,000	60,000		12	Sanctioned by Govt of India Resolution No 66 M. W. of 1876-77 - G.O. No 2176 of 18th August 76. Item No 2 of Budget of 1876-77
Commissariat Buildings - (3) Store godowns and outbuildings		Bangalore	Bangalore	13. Alterations to buildings in Commissariat Square (A)	8900		8900		13.	G.O. No 2236 of 24 August 1876.

(7)

(6)

Imperial Buildings and Roads. Government Part

Detail of the Budget Estimate of Original Works

Head of Classification	Executive Division	Locality	Item No.	Projects and Works.	Amount of Estimate	Outlay Actual to end of 1875-76	Outlay Probable during 1876-77	Grant for 1877-78 Normal	Grant for 1877-78 Special	Item No.	Remarks and References.
					Rs	Rs	Rs	Rs	Rs		
General Government Works											
Water Supply	Bangalore	Bangalore	14	New filter and pure water tank and certain alterations to Ulsoor water works (B)					12,500	14	Estimate under consideration.
Do	Bellary	Bellary	15	Water supply Project (A)	41,628	19,670	17,000	"	5000	15	G.O. No 3118 of 2nd Nov 1874. Item No 7 of Budget of 1876-77.
Drainage and Clearances.	Cannanore	Cannanore	16	Improving drainage of European Infantry Barrack Square (A)	5500	"	4000 1500 (1877-78)	1500	"	16	G.O. No 895 of 10 January 1877 Item No 13 of Budget of 1876-77.
Minor Works			17	Minor Works		"	"	114,650	"	17	
				Total Military				131,280	225,720		
Post Office Minor Works	Nilgiri Dodabetta		18	Civil Buildings. Additions to Post Office				3000	"	18	Estimate awaited. Item No 52 of Budget of 1876-77.
			19	Minor Works		"	"	8550	"	19	
				Total Postal				11,550			
Telegraph Minor Works	Do	Do	20	Telegraph Office		"	"	10,000	"	20	Estimate awaited. Item No 55 of Budget of 1876-77.
			21	Minor Works		"	"	3900	"	21	
				Total Telegraph				13900			
				Total Civil Buildings				24,550			
				Communications							
Salt	Nellore		22	Making a road from the Trunk road near Naraloor to Tirumalaperu to Salt Platform	23,580	"	"	5900	"	22	G.O. No 1122 of 24 April 1876 Item No 2 of Salt Budget of 1876-77.
Do	South Arcot		23	Completing Palayan Kalvoy drain	6980	"	"	3900	"	23	Do do Item No 5 of do
Do	Tanjore		24	Improving the Vadamiver canal		"	"	7000	"	24	Estimate awaited. Called for in G.O. No 1670 of 3rd July & No 2507 of 19th Sept 1876.

Imperial Buildings and Roads for the year 1877-78.

Imperial Buildings and Roads — Government of Madras — Madras

Detailed Statement of Budget Estimate of Original Works, Imperial Buildings and Roads for the year 1877-78.

Head of Classification	Executive Division	Locality	Item No.	Projects and Works	Amount of Actual Estimate 1875-76	Actuals to end of 1876-77	Current Year 1877-78 Revised Estimate	Remarks Special Item No.
					Rs	Rs	Rs	
Minor Works			25	Minor Works	"	"	8370	25
				Total Communications			24,270	
Light House Minor Works			26	Miscellaneous Pub: Imp^ts Minor Works	"	"	1000	26
				Total Miss: Public Improvements			1000	

Abstract of the charges provided above.

	Imperial Funds	Contributions	Total.
	Rs	Rs	Rs
Military	357,000	"	357,000
Civil Buildings	24,550	"	24,550
Communications	24,270	"	24,270
Mis: Pub: Imp^ts	1000	"	1,000
	406,820	"	406,820

Imperial Buildings & Roads. Government of Madras Madras

Detail of the Budget Estimate for Repairs Imperial Buildings and Roads for the year 1877-78. Part-II

Head of Classification	Division	Locality	Estimate 1877-78 Amount	Estimate 1877-78 Total	Estimate 1876-77 Amount	Estimate 1876-77 Total
			Rs	Rs	Rs	Rs
Military						
Accommodation for troops-Building for European troops on the Plains-						
European Infantry	Bangalore	Annual Repair	15,000			
Do	Bellary	Do	9000			
Do	Calicut	Do	21,150			
Do	Cannanore	Do	6000			
Do	Mount	Do	1900			
Do	Trichinopoly	Do	2000			
Do	Trivandrum	Do	150			
Do	Ernaad	Do	2400	31,850		
European Artillery	Bangalore	Do	2000			
Do	Bellary	Do	3000			
Do	Cannanore	Do	1000			
Do	Mount	Do	6000			
Do	Trichinopoly	Do	3000	21,000		
European Cavalry	Bangalore	Do	8500	8500		
Buildings for Native troops on the plains						
Native Infantry	Do	Do	4500			
Do	Bellary	Do	1000			
Do	Cannanore	Do	2000			
Do	Mangalore	Do	600			

(12)

8

Head of Classification	Division	Locality	Estimate 1877-78 Amount	Estimate 1877-78 Total	Estimate 1876-77 Amount	Estimate 1876-77 Total
			Rs	Rs	Rs	Rs
Buildings for Native troops on the plains-						
Native Infantry	Mount	Annual Repairs	800			
Do	Presidency	Do	6900			
Do	Shevaroydroog	Do	500			
Do	Tinnevelly	Do	400			
Do	Trichinopoly	Do	1000			
Do	Vellore	Do	1500			
Do	Trivandrum	Do	300			
Do	Walaja	Do	840	19,140		
Native Cavalry	Bellary	Do	300	300		
Accommodation for troops:						
Buildings for Officers	Calicut	Do	100			
Do	Mount	Do	1000			
Do	Ernaad	Do	100	1200		
Rest houses	Coimbatore	Do	200			
Do	Do Irrigation	Do	200			
Do	Walaja	Do	50	450		
Ordnance Works	Bangalore	Do	1100			
Do	Bellary	Do	100			
Do	Cannanore	Do	400			
Do	Mount	Do	100			
Do	Do	Do	1000			

(13)

Head of Classification	Division	Locality		Estimate 1877-78 Amount	Estimate 1876-77 Total Amount	Total
				Rs	Rs	Rs
Ordnance Works	Presidency		Annual Repairs	4,900		
Do	Trichinopoly		Do	300		
Do	Vizianagram		Do	100	7100	
Commissariat Buildings	Bangalore		Do	5,400		
Do	Bellary		Do	400		
Do	Calicut		Do	100		
Do	Cannanore		Do	200		
Do	Mount		Do	500		
Do	Trichinopoly		Do	350		
Do	Vizianagram		Do	100		
Do	Ennaad		Do	100	7150	
Staff Miscellaneous	Bangalore		Do	5,500		
Do	Berhampore		Do	500		
Do	Bellary		Do	2680		
Do	Calicut		Do	100		
Do	Cannanore		Do	200		
Do	Hospett		Do	1,700		
Do	Mount		Do	2,500		
Do	Nilgiris		Do	6,783		
Do	Presidency		Do	21,100		
Do	Trichinopoly		Do	650		
Do	Ootacamund		Do	2150		
Do	Vizianagram		Do	150		
Do	Ennaad		Do	100	43,840	
General Cantonment Works, Water Supply	Bellary		Do	1660	1660	

(14)

Head of Classification	Division	Locality		Estimate 1877-78 Amount	Estimate 1876-77 Total Amount	Total
				Rs	Rs	Rs
Fortification	Presidency		Annual Repairs	10,400	10,400	
Ordinary Maintenance Charges of Cantonment roads		Bangalore	Do	6858		
Do		Berhampore	Do	150		
Do		Bellary	Do	4660		
Do		Cannanore	Do	1,900		
Do		Mangalore	Do	150		
Do		Mount	Do	3350		
Do		Presidency	Do	8,500		
Do		Seringapatam	Do	400		
Do		Trichinopoly	Do	1,188		
Do		Vellore	Do	1,110		
Do		Vizianagram	Do	2060	29,426	
Rents of buildings for accommodation of subordinates as well as compensation for rent of quarters		Bangalore	Military Subordinates	7,000		
Do		Berhampore	Do	50		
Do		Bellary	Do	1,500		
Do		Calicut	Do	240		
Do		Cannanore	Do	1,500		
Do		Hospett	Do	30		

(15)

Head of Classification	Division	Locality	Estimate 1877-78 Amount	Estimate 1876-77 Total Amount	Total
			Rs	Rs	Rs
Rent of Buildings for accommodation of subordinates as well as compensation for rent of Quarters	Mount	Military Subordinate	4700		
Do	Residency	Do	15,000		
Do	Tinnevelly	Do	84		
Do	Trichinopoly	Do	3200		
Do	Cossoor	Do	850		
Do	Vellore	Do	250		
Do	Trincanapam	Do	1720		
Do	Arnaad	Do	350	36,704	
Do	Bangalore	Medical Subordinate	3000		
Do	Berhampore	Do	50		
Do	Bellary	Do	400		
Do	Calicut	Do	240		
Do	Cannanore	Do	1000		
Do	Mosfett	Do	70		
Do	Mount	Do	2000		
Do	Nilgiri	Do	600		
Do	Trichinopoly	Do	800		
Do	Vellore	Do	250		
Do	West Coast Canals	Do	210	7650	
					235,948
				Deduct Recoveries	4952
					230,996

Presidency Madras. Held at the disposal of the Chief Engineer

(16) Victor Williams

10

Head of Classification	Division	Locality	Estimate 1877-78 Amount	Estimate 1876-77 Total Amount	Total
			Rs	Rs	Rs
Other Services — Civil Buildings					
Post Office	Bangalore		100		
Do	Berhampore		100		
Do	Bezwada		50		
Do	Cuddalore		50		
Do	Cuddapah		100		
Do	Calicut		50		
Do	Cannanore		50		
Do	Coonoor		30		
Do	Chittoor		50		
Do	Coimbatore		50		
Do	Cuddalore		130		
Do	Dindigul		50		
Do	Gudivery				
	Eastern Delta		100		
Do	Gobindo		30		
Do	Guntoor		25		
Do	Ghooty		50		
Do	Mosfett		50		
Do	Madura		50		
Do	Masulipatam		26		
Do	Mangalore		90		
Do	Mayaveram		50		
Do	Negapatam		25		
Do	Nundidrug		60		
Do	Nandyjama		25		
Do	Nellore South		100		
Do	Nilgiri		150		
Do	Palghat		501		
Do	Pennakonda		20		
Do	Presidency		300		

Amount of repairs to Post Office Buildings

(17)

Head of Classification	Division	Locality	Estimate 1877-78 Amount	Estimate 1877-78 Total	Estimate 1876-77 Amount	Estimate 1876-77 Total
			Rs	Rs	Rs	Rs
Post office		Pootoor	30			
Do		Salem	100			
Do		Tanjore	50			
Do		Trichinopoly	50			
Do		Trinevelly	100			
Do		Vellore	100			
Do		Vizianagram	100			
Do		Yernaad	100			
				2500	2500	2500
Telegraph		Bangalore	100			
Do		Bellary	200			
Do		Beswada	50			
Do		Cuddapah	100			
Do		Godavery Exst. Delta	250			
Do		Guntoor	50			
Do		Hurnod	100			
Do		Madura	100			
Do		Mangalore	100			
Do		Masulipatam	100			
Do		Negapatam	100			
Do		Nellore South	100			
Do		Nilgiri	150			
Do		Presidency	300			
Do		Rajamahindri	200			
Do		Trinnevelly	100			
Do		Veliore	100			
Annual repairs to Post Office Buildings						
Annual Repairs to Telegraph Buildings						
Reserve at the disposal of Govt			200			
				2500	2500	2500

(18)

Head of Classification	Division	Locality	Estimate 1877-78 Amount	Estimate 1877-78 Total	Estimate 1876-77 Amount	Estimate 1876-77 Total
			Rs	Rs	Rs	Rs
Annual repairs to Depts and Buildings						
Salt		Madura				
Salt		Sealoor				
Do		Tanjore				
Light Houses						

Abstract by Divisions of the Grants provided above.

Head of Classification	Bengaluru	Bellary	Bannur	Cuddalore	Trichinopoly	Kaladgi	Coimbatore	Chingleput	Salem	Dindigul	Vizagapatam	Ganjam	Total
Military													
Accommodation for Troops													
Buildings for troops on the plains													
European Infantry	5200	4400	"	"	2400	5400	"	"	"	"	"	"	
European Artillery	2400	2400	"	"	"	400	"	"	"	"	"	"	
European Cavalry	8500	"	"	"	"	"	"	"	"	"	"	"	
Native Infantry	1500	1000	"	"	"	2400	"	"	"	"	"	"	
Native Cavalry	"	500	"	"	"	"	"	"	"	"	"	"	
Building for Officers	"	"	"	"	"	100	"	"	"	"	"	"	
Hut Allowance	"	"	"	"	"	"	"	200	200	"	"	"	
Ordnance Works	700	100	400	"	"	"	700	"	"	"	"	"	
Commissarial Buildings	2400	800	"	"	"	100	200	"	"	"	"	"	
Staff and Miscellaneous	6500	500	2500	"	"	100	200	"	"	"	"	"	
General Cantonment Work, Water supply	"	"	800	"	"	"	"	"	"	"	"	"	
Ordinary Maintenance charges of Cantonment Roads	4950	1500	1400	"	"	1000	"	"	"	"	"	"	
Fortifications	"	"	"	"	"	"	"	"	"	"	"	"	
Rent of buildings for accommodation of Subordinates as well as compensation for rent of quarters — Military Subordinate	3200	600	1500	"	"	2200	1500	"	"	"	"	"	
Rent of buildings for accommodation of Subordinates as well as compensation for rent of quarters — Medical Subordinate	3200	500	1200	"	"	2400	1000	"	"	"	"	"	
Held at the disposal of the Chief Engineer	"	"	"	"	"	"	"	"	"	"	"	"	
Total Military	64358	8502	2400	"	"	8730	17000	"	200	200	"	"	
Other Services													
Civil Buildings — Postal	100	100	"	50	50	100	60	60	30	50	60	30	50
" " — Telegraph	"	"	"	"	"	"	"	"	"	"	"	"	"
" " — Salt	100	"	200	60	"	100	"	"	"	"	"	"	"
At the disposal of Government	"	"	"	"	"	"	"	"	"	"	"	"	"
Total Civil Buildings	200	100	200	100	60	200	50	60	30	50	60	30	50
Communication — Salt Works	"	"	"	"	"	"	"	"	"	"	"	"	"
At the disposal of Government	"	"	"	"	"	"	"	"	"	"	"	"	"
Total Communication	"	"	"	"	"	"	"	"	"	"	"	"	"
Miscellaneous Public Improvements. Light-Houses	"	"	"	"	"	"	"	"	"	"	"	"	"
At the disposal of Government	"	"	"	"	"	"	"	"	"	"	"	"	"
Total Misc: Pub: Improvts	"	"	"	"	"	"	"	"	"	"	"	"	"
Total other Services	200	100	200	100	60	200	50	60	30	50	60	30	50
Total Imperial	64558	8602	2600	"	50	8930	17050	"	230	250	50	30	50

Head of Classification	Vizagapatam	Nellore	Kistna	Godavery	Tanjore	Trichinopoly	Madura	Tinnevelly	Coimbatore	Salem	Malabar	Canara	Total
Military													
Accommodation for Troops													
Buildings for troops on the plains													
European Infantry	"	"	"	"	"	"	"	"	"	"	"	"	
European Artillery	"	"	"	"	"	"	"	"	"	"	"	"	
European Cavalry	"	"	"	"	"	"	"	"	"	"	"	"	
Native Infantry	"	"	"	"	"	"	"	"	"	"	"	"	
Native Cavalry	"	"	"	"	"	"	"	"	"	"	"	"	
Building for Officers	"	"	"	"	"	"	"	"	"	"	"	"	
Hut Allowance	"	"	"	"	"	"	"	"	"	"	"	"	
Ordnance Works	"	"	"	"	"	"	"	"	"	"	"	"	
Commissarial Buildings	"	"	"	"	"	"	"	"	"	"	"	"	
Staff and Miscellaneous	"	"	"	"	"	"	"	"	"	"	"	"	
General Cantonment Work, Water supply	"	"	"	"	"	"	"	"	"	"	"	"	
Ordinary Maintenance charges of Cantonment Roads	"	"	"	"	"	"	"	"	"	"	"	"	
Fortifications	"	"	"	"	"	"	"	"	"	"	"	"	
Rent of buildings for accommodation of Subordinates as well as compensation for rent of quarters — Military Subordinate	"	"	"	"	"	"	"	"	"	"	"	"	
Rent of buildings for accommodation of Subordinates as well as compensation for rent of quarters — Medical Subordinate	"	"	"	"	"	"	"	"	"	"	"	"	
Held at the disposal of the Chief Engineer	"	"	"	"	"	"	"	"	"	"	"	"	
Total Military	"	"	"	"	"	"	"	"	"	"	"	"	
Other Services													
Civil Buildings — Postal	50	"	50	25	90	"	50	"	25	50	25	100	150
" " — Telegraph	"	100	100	"	100	100	"	"	100	"	"	100	150
" " — Salt	"	"	150	"	"	"	"	"	"	100	150	"	"
At the disposal of Government	"	"	"	"	"	"	"	"	"	"	"	"	"
Total Civil Buildings	50	100	300	25	190	100	50	"	125	50	25	200	300
Communication — Salt Works	"	"	"	"	"	"	"	"	"	"	"	"	"
At the disposal of Government	"	"	"	"	"	"	"	"	"	"	"	"	"
Total Communication	"	"	"	"	"	"	"	"	"	"	"	"	"
Miscellaneous Public Improvements. Light-Houses	"	"	"	"	"	"	"	"	"	"	"	"	"
At the disposal of Government	"	"	"	"	"	"	"	"	"	"	"	"	"
Total Misc: Pub: Improvts	"	"	"	"	"	"	"	"	"	"	"	"	"
Total other Services	50	100	300	25	190	100	50	"	125	50	25	200	300
Total Imperial	1950	100	300	25	940	100	50	2350	125	50	25	200	7108

Imperial
Buildings & Roads: Government of Madras — Madras.

Part III.

Detail of the Budget Estimate for Establishment for Imperial Buildings and Roads for 1877-78.

			Budget Estimate 1877-78	Budget Estimate 1876-77
			Rs	Rs
Military				
Works	Rs 357,000	25 per cent on the provision		
Repairs	" 250,000	of Rs 667,000 for works and		
	667,000	Repairs	152,000	157,000
Other Services				
	Works	Repairs		
Civil Buildings	Rs 24,550	5,150	25 per cent on	
Communications	" 24,270	12,850	the provision	
Mis: Pub: Imprts	" 1000	1,000	of Rs 68,820 for	
	49,820	19,000	Works & Repairs	17,205	19,750
	68,820			
Total Military and other Services				169,205	176,750

(22)

Imperial
Buildings & Roads — Government of Madras — Madras

Part III.

Detail of the Budget Estimate for Tools and Plant for Imperial Buildings and Roads for 1877-78.

		Budget Estimate 1877-78	Budget Estimate 1876-77
		Rs	Rs
Military			
Bangalore	Repairs and Carriages	150	
Berhampore	Do	79	
Bellary	Do	150	
Coimbatore	Do	100	
Godavery Eastern Delta	Do	118	
Nilgiri	Do	700	
Presidency	Do	140	
Vellore	Do	100	
Vizianagram	Do	100	
Presidency General Supdt P.W. Stores			
	Surveying & Mathematical Instrts	1000	
Do	Tools	1000	
Do	Repairs and Carriages	4000	
Presidency — At the disposal of Govt	Tools	763	
	Total	8700	
London Supplies		7300	
	Total Military	16000	14,000
Other Services			
Cuddalore	Repairs and Carriages	50	
Godavery Eastern Delta	Do	182	
Kurnool		200	
Masulipatam		100	
Presidency — at the disposal of Govt	Tools	500	
	Total Other Services	1032	1550
Total Military & Other Services		17032	15,550

(23)

Imperial Buildings & Roads — Government of Madras — Madras

Part VI

Abstract of the probable increase or decrease in the Suspense Balances of the Divisions classed as Imperial Buildings and Roads in the Madras Presidency for 1877-78 & provided for in the Ordinary Imperial Budget Estimate of that year.

	Stock	Stock Purchases and Sales	Miscellaneous Advances	London Stores	London Invoices	Total
	Rs	Rs	Rs	Rs	Rs	Rs
Actual balance on 1st April 1876	265421	5105	1317	13152	7565	
Probable charge during 1876-77						
Total	265421					
Probable issues including sales and cash credits during 1876-77						
Probable balance on 1st April 1877	205421					
" charges during 1877-78.						
Total	205421					
Probable issues including sales and cash credits during 1877-78						
Probable balance on 1st April 1878	100421					
" " on 1st April 1877	205421					
Result provided in the Budget for 1877-78 Increase						
Decrease						

(211)

Imperial Buildings & Roads — Government of Madras — Madras 14

Appendix A.

Abstract of the Imperial Grants for 1877-78 under Ordinary Imperial Buildings and Roads arranged by Departments.

	Original Works	Repairs	Total Works	Establishment and Repairs	Tools and Plant	Stock and Rent	Total Suspense	Total 1877-78	Total 1876-77
a. Military	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs
Normal	131280	250,000	381280	152000	16000			524,280	
Special	225720	"	225720	"	"			225,720	
	357,000	250,000	607,000	152000	16000		750000	750,000	
Civil Buildings									
Salt			"	150	150				
Post Offices	11550		2500	14050					
Telegraph	13,000		2500	15,500					
Communication									
Salt	24270		12950	37120					
Mis: Pub: Imprts									
Light Houses	1000		1000	2000					
Total	49820		17000	68820	17705	1032	"	87057	100,500
Grand Total	406820		269000	675820	169705	17032		837057	850,500

(25)

Madras

Appendix B

Government of Madras

Amherst
Suspension
Buildings & Roads

List of Works (or Class C works) omitted from the Budget Estimate of 1877-78, but on which Expenditure may be incurred during the year by sanction

Head of Classification	Executive Division	Locality	Item No.	Projects and Works	Amount of Ry Grant 1877-78 Estimated Actual Expenditure 1876-77	Actual Expenditure 1877-78	Remarks and References
					Rs	Rs	
Accommodation for Troops, Buildings for European troops on the Plains				**Barracks for European Infantry**			
European Infantry (2) Barrack Store Offices for married men	Cannanore	Cannanore	1	Painting doors & windows of the Barracks, married Quarters and out houses	4430		1 G.O. No 126 of 26 May 1873 Item No 147 of Budget of 1877-78
Buildings for Officers on the Plains (1) Officers Quarters	Do	Do	2	Buildings for Officers — Asphalting Verandahs and boarding floors of Officers quarters at West Hill	2700		2 G.O. No 1066 of 3rd July 1875
Buildings for European troops on Plains European Artillery				**Barracks for European Artillery**			
			3.	Constructing Quarters for Lance Sergeant			3 Budget of 1876-77 & G.O. No 1670 of 12th June 1875 Item No 243 of Budget of 1876-77.
(4) Auxiliary accommodation	Bangalore	Bangalore		Artificer Barracks	4230		4 G.O. No 920 of 16th Sept 1868 and No 3540 of 13 November 1868.
Do	Do	Do	4	Stabling for 182 horses Royal Horse Artillery	33,610		
Do	Do	Do	5	Stabling for 220 horses Royal Artillery	42,720		5 G.O. No 3540 of 13 November 1868.
Do	Cannanore	Cannanore	6.	Subsidiary building of Battery Artillery	2,820		6 G.O. No 59 of 9 January 1874 & No 2227 of 30 June 1869 Item No 18 of Budget of 1876-77.
European Cavalry (3) Hospital Accommodation	Bangalore	Bangalore	7	**Barracks for European Cavalry** — Third Section for Lucas Corps Artillery Hospital	18970		7 Sanctioned by Govt of India Register No 58 M. G.O. No 2495 of 18th Dec 1875 Item No 33 of Budget of 1876-77.
Auxiliary buildings	Do	Do	8.	Hospital Sergeants Quarters &c &c	2850		8. G.O. No 573 of 27th Feby 1871 & No 683 of 10 March 1875 Item No 35 of Budget of 1876-77.
Do	Do	Do	9.	Garrison Gymnasium	4400	2242	9. G.O. No 1560 of 22 June 1876 Register No 3811 of 1876-77 Item No 11 of Budget of 1876-77.
Do	Do	Do	10	Stone wall enclosure around Athletic Institution	22,100		10 G.O. No 63 of 4th April 1873.
Ordnance Works (2) Arsenals and Store yards	Do	Do	11	Erecting racks in the Ordnance Gun Powder Magazine	2660		11 G.O. No 2825 of 28 October 1873.
General Contingent Works							Sanctioned by Govt of India Register No 80 M. of 1874-75 G.O. No 311 of 10th Feby 1874 & No 683 of 10 March 1875. Item No 2 of Budget of 1876-77.
Drainage & Conservancy	Do	Do	12	Drainage of Ayrahamum Barracks	16,400	14971 8752	12
Drainage & Conservancy	Do	Do	13	Drainage of Native Infantry Lines	14,400	5650 750	13. G.O. No 126 of 26 May 1873.
Roads to the Stations or lines of Military Communication	Do	Do	14	Road from Trinity Church to Ayrahamum Barracks	9200		Sanctioned by Govt of India Register No 80 M. of 1874-75 G.O. No 1541 of 11 June 1874 and No 683 of 10 March 1875. Item No 40 of Budget of 1876-77.
Do	Do	Do	15.	Masonry bridge at Wellington	7870		14
							15 G.O. No 3010 of 18 December 1872.

27-1-77

(27)

126

No 294 Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 29 January 77

Read the following :—

From

(2) The Government of India (H.E. No. 1054-68 A.G. dated 8th Dec: 1876)

(3) ——— do ——— (H.E. No. 1071-87 A.G. dated 9th Dec: 1876)

(1) ——— do ——— (H.E. No. 1032-41 A.G. dated 29th Nov: 1876)

No. 8. Executive Engineer, Ganjam — (H.E. No. 77 dated 3rd November 1876)

do Vizagapatam (H.E. No. 1339 " 30th September ")

do do (H.E. No. 1480 " 20th October ")

do Godavery (H.E. No. 1861 " 4th do ")

do Kistnah (H.E. No. 76 " 23rd September ")

do Nellore (H.E. No. 111 " 4th October ")

do do (H.E. No. 131 " 5th November ")

do do (H.E. No. 146 " 25th do ")

do Cuddapah (H.E. No— " 3rd October ")

do Kurnool (H.E. No— " 2nd do ")

do Bellary (H.E. No 2856 " 25th do ")

do Presidency (H.E. No 4028 " 25th do ")

do do (H.E. No 4104 " 30th do ")

do Chingleput (H.E. No 2647 " 31st do ")

do North Arcot (H.E. No 2964 " 17th Nov: ")

do do (H.E. No. 1994 " 19th September 1876)

do South Arcot (H.E. No. 118 " 22nd do ")

do Salem (H.E. No— " 23rd October ")

do do (H.E. No. 107 " 2nd November ")

do Bangalore (H.E. No. 49 " 10th October ")

do Tanjore (H.E. No. 2010 " 21st do ")

do do (H.E. No. 2047 " 28th do ")

do Trichinopoly (H.E. No— " 3rd do ")

do Coimbatore (H.E. No— " 6th September 1876)

do Wynaad (H.E. No. 228 " 9th October ")

do do (H.E. No 228 " 9th do ")

do Malabar (H.E. No—

distribute the grant allowed under Military as circumstances may require due regard being paid to Incomplete Works and to the efficient maintenance and repair of buildings. The grant has accordingly been distributed as noted below:

	Major Works	Minor Works	Repairs	Establishment	Tools & Plant	Total
Military Buildings	242320	~~114680~~ 91120	250000	~~57000~~ 57000	16000	~~779000~~ 677120
Civil Buildings — Postal	3000	8550	2500	3512		
Civil Buildings — Telegraph	10000	3000	2500	3875		
Light houses		1000	1000	500	1032	87057
Salt Works	15980	8370	13000			
~~Tank and Surfaces~~	20000	~~5000~~	~~6000~~	93187		
						837651

3. The following statement shows the ~~distribution~~ of the amount available for minor works under "Military" and "Other Services" for each District.

Executive Division		Military	Civil Buildings — Postal	Civil Buildings — Telegraph	Salt	Light-houses
Vizagapatam	Vizagapatam Range	500	"	"	"	"
Bellary	Bellary "	3000	"	"	"	"
Presidency	Presidency "	6000	"	"	"	"
Chingleput	Mount "	1500	"	"	"	"
North Arcot	Vellore "	300	"	"	"	"
~~Coimbatore~~	~~Coimbatore~~ "	"	"	"	"	"
Salem	Salem "	200	"	"	"	"
Bangalore	Bangalore "	3000	"	"	"	"
Trichinopoly	Trichinopoly "	1700	"	"	"	"
Coimbatore	Coimbatore "	300	"	"	"	"
Nilgiris	Nilgiri "	1500	"	"	"	"
Malabar	Cannanore "	1000	"	"	"	"
	Calicut "	1000	"	"	"	"
South Canara	Mangalore "	300	"	"	"	"
Tinnevelly	Tinnevelly "	200	"	"	"	"
~~Tanjore~~	~~Barbacoreo~~ "	"	"	"	"	"
~~Godavery~~	~~Coast in Delta~~ "	"	"	"	"	"
~~Kistna~~	~~Inland Stations~~ "	"	"	"	"	"
~~Nellore~~	~~Negapatam~~ "	"	"	"	"	"
~~Cuddapah~~	~~Cuddapah~~ "	"	"	"	"	"
~~Kurnool~~	~~Kurnool~~ "	"	"	"	"	"
~~Tanjore~~	~~Tanjore~~ "	"	"	"	"	"
~~Hyderabad~~	~~Hyderabad~~ "	"	"	"	"	"
~~Guntur~~	~~Guntur~~ "	"	"	"	"	"
At the disposal of Government	Presidency	~~95180~~ 91120	8550	3000	~~8370~~ 1000	1000
	Total	~~114680~~ 91120	8550	3000	~~8370~~ 1000	1000

~~The distribution of the~~
~~sum for Minor Harbours~~
~~Utilities is shown in Appx~~
~~D of the Budget.~~

District Engineers will ob-
serve that Rs 19500 only are
at their disposal for ab-
under Military
propriation, the balance
is held at the disposal of
Government for incomplete
Works and other demands
which may not be specif-
ically provided for in the
Budget.

4. The grants for Minor
New Works Postal Telegraph
Light

Light Houses, and Salt Works, have been held at the disposal of Government and will be allotted on application by District Engineers, who will explain the necessity for the demand in each case.

In the Statement which accompanied Resolution No. 1022-41 R.C. of 29th November 1876 Rs. 15370 have been granted for the approach to the salt platform at Immalapenta in the Nellore District. As the District Engineer has only applied for Rs. 5000 for expenditure in 1877-78, the difference Rs. 10370 has been ~~added to the Reserve under Salt.~~ The grant for establishments under Military and Other Services (Imperial & Provincial) Rs. 16205 ~~Rs. 16205.~~ The grants from other services will be shewn in the orders reviewing the Provincial Budget.

The allotment for Tools and Plant is Rs. 17132. Out of this amount Rs. 7300 are required for London Office, leaving a balance of Rs. 9732, ~~which amount has been distributed as follows:-~~ ~~has been added to~~ the Reserve under Salt.

Reserve under Salt Works	Rs. 3370
Imperial share of East Coast Canal within the Chingleput limits based on the average expenditure of the past 5 years under Repairs	7000
	10370

Despd 28 Feb/77.

Ranges as follows:

Executive Division		Military		Other Services		Total
		Purchase	Repairs	Purchase	Repairs	
Ganjam	Berhampore Range	.	79			
Vizagapatam	Vizianagram do		402			
Godavery	Eastern Delta do	.	118		182	
Kistna	Masulipatam do	.			100	
Kurnool	Kurnool do	.				
Bellary	Bellary do	.			260	
Presidency	Presidency do	.	450	.	.	
North Arcot	Vellore do		140	.	.	
South Arcot	Cuddalore do		100	.	.	
Bangalore	Bangalore do	.	.		50	
Coimbatore	Coimbatore do	.	150	.	.	
Trichinopoly	Trichinopoly do	.	100	.	.	
General Supdt P. Works	Presidency do	.	700	.	.	
At the disposal of Govt	do do	2000	4,000	.	.	
London Supplies		763	.	500	.	
		7,300	.	-	.	
		10,063	5937	500	532	
		16,000		1032		17,032

Cancd

29

Acct

No 275 dd 27 Jany 77

To

The Secy to the
Govt of India
P W D

Sir,

I am directed to forward herewith the Imperial Budget Estimates, Buildings and Roads Branch, for the Year 1877-78 in Manuscript together with the Proceedings of Govt thereon.

Printed copies will follow.

Cancd

4 Copies sent to Rev Dept (Cyr 13-3-77)

MS Disp'd.
27-1-77
25 Sets & Abstr No 274
5 Copies & Letter dt 4 Copies to the Financial Secy
Mil Budget Disp'd 28-2-77

Govt. of {1877} Madras.

PUBLIC WORKS.

To

Accted
Genl.

Encl.

G. O., 27th Sept. 1877, No. 274
275

Nos. 534 - 570

571

Executive Engineer Nilgiri Division
Ootacamund

Despatch via Coonoor
Road Inspector, Kundah
& Road Branch for
1876.