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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

[Signature] DEPARTMENT
Public Works Dept.,

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GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

21st February 1878, No. 858 W.

General.
Account.

Read the following papers :—

No. 192. Proceedings of the Government of India in the Public Works Department, (Account—General), dated Fort William, 8th January 1878, Nos. 18—33 A.G.

Distribution of the Grant for Military Works for 1878-79.

Letter from Secretary to the Government of Madras, No. 825 W, dated 1st October 1877.

RESOLUTION.—The requirements for Military Works have to be considered under two categories, viz., demands for outlay under the Inspector-General of Military Works, and those for expenditure under Local Governments and Administrations.

2. Compared with the grant allowed for 1877-78, the figures for 1878-79 may be abstracted as follows :—

	Demand, 1878-79.	Grant, 1877-78.
	RS.	RS.
I.—Demands for Native troops in the stations under the Public Works Department of Bengal, North-western Provinces, Punjab, Assam and Coorg	5,82,458	4,42,250
II.—Demands for European and Native troops of the Madras and Bombay Armies, and for Native troops in other Provinces	94,22,625	46,27,000
III.—Demands for works under the Inspector-General of Military Works	72,64,600	72,50,600
Total ..	1,72,69,683	1,23,19,850

3. In the present resolution the demands made by the several Local Governments and Administrations will only be dealt with, the figures pertaining to the statement of requirements submitted by the Inspector-General of Military Works being, as is usual, reviewed separately. Adopting this arrangement, the following table shows how the sums of Rupees 5,82,458 and Rupees 94,22,625 = Rupees 1,00,05,083, under

heads I and II in the above abstract, are made up, arranged according to Provinces, and compared with the grant allowed for the current official year:—

Province.	DEMAND, 1878-79.								Grant for 1877-78, and Provisional allotment for 1878-79.
	Works in progress.	New Works.	Minor Works.	Repairs.	Establishment.	Tools and Plant.	Barrack Department.	Total.	
II.—Demands for European and Native troops of the Madras and Bombay Armies, and for Native troops in other Provinces—	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Madras	1,04,000	3,96,000	1,50,000	2,50,000	2,25,000	30,000	..	11,56,000	7,50,000

4. The demand for 1878-79 is in excess of the allotment for 1877-78 by nearly 49½ lakhs. But the grant for Military Works is rigidly fixed. It is therefore imperative that the demands for next year should be reduced so as to accord with the grant allowed for the current official year; and in this view the several Local Governments and Administrations are requested to distribute allotments equal to the grants of the current year, which are now provisionally placed at their disposal, as circumstances may require; subject to the condition that, after fully providing for the completion of works in hand and repairs, preference is to be given to works connected with—

Hospital Improvements,
Drainage, and
Water-supply.

5. In order to meet any possible necessity for reduction of expenditure, the several Budget Estimates to be submitted should be accompanied by a statement of the allotments provided for therein which can be reduced or disallowed with the least serious inconvenience. The total amount of the statement of such possible reductions must not be less than 20 per cent. of the provisional allotment.

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

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

No. 193. Proceedings of the Government of India, Public Works Department, (Account-General,) dated Fort William, 9th January 1878, Nos. 36—53 A—G.

Distribution of the Imperial Grant for Other Services for 1878-79.

Letter from Secretary to Government of Madras, No. 825 W, dated 1st October 1877.

RESOLUTION.—The total of the amounts demanded by the several Local Governments and Administrations for 1878-79 for the Imperial Public Works under Other Services is .. 41,20,380

To this must be added the following items:—

I.—Provision for dredging the Kurrachee Harbour, the amount asked for being only Rupees 40,000, whereas Rupees 1,00,000 was what the Government of India said should be provided	RS. 60,000
II.—Provision for a hopper steam-dredger for the Kurrachee Harbour Works to be ordered from England (2 lakhs to be paid in 1879-80)	2,00,000
III.—Provision from Government funds as a final charge for the water works at Simla	1,00,000
IV.—Provision for Government House buildings at Simla.	
New Works—	RS.
New Government House	2,00,000
Repairs	20,000
Establishment	50,000
	2,70,000

The total of these is 47,50,380
Whereas the grant for 1877-78 is only 32,34,650
So that there is an excess of 15,15,730
to be dealt with.

2. The Government of India is not in a position to provide for this large addition to the grant, and it is therefore necessary to reduce the demands for next year by Rupees 15,15,730. In this view the following reductions are suggested as the most advisable:—

	Works.	Establishment.	Tools and Plant.	Total.
	RS.	RS.	RS.	RS.
Telegraph Buildings.				
Telegraph Office at Madras	1,00,000	25,000	1,500	1,26,500
at Ootacamund	10,000	2,500	150	12,650
Water-supply, gas, and drainage for Signallers' quarters at Bombay	10,000	2,300	150	12,450
Telegraph Office, Commillah	12,000	2,500	180	14,680
Signallers' quarters, Jubbulpoor	10,000	2,500	150	12,650
Post Office Buildings.				
Post Office at Madras	50,000	12,500	750	63,250
Opium Buildings.				
North-western Provinces. Lump sum demand of Rupees 1,40,000 for opium works to be reduced to grant of Rupees 72,000 for current year	68,000	13,600	...	81,600
Mint Works.				
New iron railway on west side of Strand Road, Mint	23,953	5,983	358	30,299
Salt Works.				
Harigoshthi Project, Madras	50,000	12,500	750	63,250
Ware-house quarters, Bhyadar	15,000	3,450	225	18,675
Water-supply, Kharaghora	50,000	11,500	650	62,150
Extension of salt store-shed at Kharaghora	96,000	22,080	1,440	1,19,520
Lines for Salt Establishment at Poonda	21,000	4,839	315	26,145
Other works in Madras the selection of which is left to the Local Government	50,000	12,500	650	63,150
Do. do. to Bombay	20,000	4,600	250	24,850

	Works.	Establishment.	Tools and Plant.	Total.
<i>Roorkee College Buildings.</i>	RS.	RS.	RS.	RS.
Provision of Rupees 22,595 to be reduced to Rupees 17,000...	5,595	1,398	...	6,993
<i>Kurrachee Harbour Works.</i>				
Provision for ship pier not yet sanctioned by Government of India	1,50,000	34,500	2,250	1,86,750
Provision for repairs to be reduced from Rupees 60,000 to Rupees 20,000 being about the same amount as the grant for the current year	40,000	9,200	600	49,800
<i>Light-houses.</i>				
Provision for light-house at Muttum, Madras...	60,000	15,000	800	75,800
Provision for Tools and Plant in Madras in excess of the percentage allowed	8,41,548	1,98,446	11,168	10,51,162
Provision for the following provinces to be reduced thus—			6,832	6,832
for Central India by ...				2,50,000
for Rajpootana " ...				1,18,000
for Port Blair " ...				89,000
for Coorg " ...				736
				15,15,730

3. The reduction of Rupees 2,50,000 in the Central India demand will bring it down to	RS.
The grant for the current year being	4,99,000
That of 1876-77	6,82,500
1875-76	6,90,900
1874-75	6,97,000
1873-74	6,96,000

The Government of India regret that this reduction should have to be made in the grant for Central India, but financial necessity is imperative. Besides this, the question of the source whence funds should be provided for repairs of roads has still to be settled.

4. The reduction in Rajpootana will bring the demand down to Rupees 3,15,900, the grant for 1877-78 being Rupees 3,61,700. Here again reduction cannot be helped.

5. The reduction in the Port Blair demand will leave the grant at the same amount as that for the current year.

6. Statements are annexed showing the grants assigned to each province and department under operation of this Resolution. The totals of those grants, as compared with the allotments for the current official year, are shown in the following abstract:—

Provinces.	Grant now provisionally passed for 1878-79.	Grant for 1877-78.
Madras	RS. 1,71,288	RS. 87,000

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

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

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

Statement of Grants allowed for Public Works, Other Services, Imperial, for 1878-79.

	Amount of Estimate.	Computed Expenditure to end of 1877-78.	Grant provisionally allowed, 1878-79.	Add for Minor Works.	Add for Repairs.	Total for each Province.
	RS.	RS.	RS.	RS.	RS.	RS.
POST OFFICE WORKS.						
Madras—			4,000	...	5,000	18,000
Post Office, Combaconum	...	...	...	...	...	...
Minor Works and Repairs	...	...	...	...	...	...
TELEGRAPH WORKS.						
Madras—			...	10,000	5,000	15,000
Minor Works and Repairs	...	...	...	...	...	...
SALT WORKS.						
Madras—						
Making a road from the trunk road near Kavali to Trimalapatam salt platform	23,580	9,996	10,000	...	...	...
Constructing new Police lines for the Salt-guard, Dugarapatam	4,200	1,498	2,700	...	...	...
Completing Palayankal catch drain	4,985	3,900	1,000	...	...	...
Improving the Vedarnam canal.	10,000	7,000	3,000	...	...	...
Huts for one Head Constable and fourteen Constables	7,950	3,597	3,000	...	...	...
Constructing Salt Superintendent's Outcherry at Kuppili	2,790	...	2,790	...	...	...
Do. a tiled building and a raised ground near the platform for protection of the Salt Establishment during the floods at Karassa	...	...	3,500	...	...	...
Duck head sluice at the mouth of the supply channel at Karada	...	...	2,500	...	...	...
Police lines, Chinaganjam	...	...	4,580	...	...	...
Do., Nizamapatam	...	...	3,560	...	...	...
Do., Pandra	...	...	4,500	...	...	...
Improvements to Salt Outcherry, Nizamapatam	...	...	2,700	...	...	...
Salt Outcherry, Chinaganjam.	...	...	3,000	...	...	...
Making an approach to the north platform at Beerungunta	...	...	4,000	...	...	...
Do. from Beerungunta to Derumpanda	...	...	5,000	...	...	...
Palisade with stone pillars in chunam and palmyra rails to three salt platforms	...	...	4,000	...	...	...
Salt road from 198th mile, Great Northern road to Kunparthy.	...	...	5,000	...	...	...

6 PUBLIC WORKS DEPARTMENT, 21st FEBRUARY 1878, No. 858 W.

Statement of Grants allowed for Public Works, Other Services, Imperial, for 1878-79—(Contd.)

	Amount of Estimate.	Computed Expenditure to end of 1877-78.	Grant provisionally allowed, 1878-79.	Add for Minor Works.	Add for Repairs.	Total for each Province.
SALT WORKS—(Continued).	RS.	RS.	RS.	RS.	RS.	RS.
Madras—						
Huts for Constable Vadamilu ..	...	...	3,000	...	...	...
Do. Cullum Waddy ..	...	...	2,000	...	...	...
Bridge on road over the extension of the Vedarni canal.	...	...	7,570	...	...	...
Masonry buildings for Salt Division Offices ..	7,600	...	7,600	...	...	...
Constructing tunnels and side dams in the cross road from More-colum Salt station to the road between Madura and Rannad ..	3,450	...	3,450	...	...	...
Cutting a channel from the sea to the pans from supplying sea water for the manufacture of Salt at Athengarai ..	...	...	5,960	...	...	...
Minor Works and Repairs ..	...	...	15,650	20,000	...	...
Deduct reduction in grant, the selection of works to make up which is left to the Local Government ..	...	...	50,000	...	...	...
LIGHT HOUSES.						
Madras—						80,000
Constructing beacon, False Point Divi ..	...	...	5,000	...	...	...
Light-house, Muttam ..	...	...	15,000	...	...	...
Minor Works and Repairs ..	...	...	1,000	1,250	22,250	...

Distribution of the grant for Other Services for 1878-79.

	Madras.
Postal Works ..	RS.
Telegraph ..	18,000
Salt Works ..	15,000
Light-houses ..	80,000
Establishment ..	22,250
Tools and Plant ..	33,810
	2,228
	1,71,288

No. 194.	From the Govt. of India, dated 11th January 1878, No. 62-83 A.—G.	
No. 195.	From District Engr., Ganjam, dated 29th August 1877, No. 48.	
No. 196.	From " " Vizagapatam, " 29th Sept. " " 67.	
No. 197.	From " " Godavary, " 5th Oct. " " "	
No. 198.	From " " Kistna, " 29th Sept. " " "	
No. 199.	From " " Nellore, " 11th Oct. " " "	
No. 200.	From " " Cuddapah, " 1st " " " "	
No. 201.	From " " Kurnool, " 5th " " " "	
No. 202.	From " " Bellary, " 12th Sept. " " "	
No. 203.	From " " Presidency, " 23rd Oct. " " "	
No. 204.	From " " Chingleput, " 31st " " " "	3,043.
No. 205.	From " " North Arcot, " 23rd " " " "	4,298.
No. 206.	From " " South Arcot, " 22nd Sept. " " "	2,985.
No. 207.	From " " Salem, " 18th Oct. " " "	131.
No. 208.	From " " Bangalore, " 6th Oct. " " "	
No. 209.	From " " Tanjore, " 10th Nov. " " "	
No. 210.	From " " Trichinopoly, " 3rd Sept. " " "	
No. 211.		
No. 212.		

7 PUBLIC WORKS DEPARTMENT, 21st FEBRUARY 1878, No. 858 W.

No. 213.	From District Engr., Coimbatore, dated 31st Aug. 1877, No. —.	
No. 214.	From " Nilgiris, " 6th Oct. " " 493.	
No. 214A.	From " " " 24th Dec. " " "	
No. 214B.	From " Malabar, " 27th Sept. " " "	
No. 214C.	From " South Canara, " 18th " " " "	
No. 214D.	From " Madura, " 29th " " " "	
No. 214E.	From " Tinnevely, " 18th Oct. " " "	
No. 214F.	From Officiating President, Municipal Commission, Madras, dated 28th September 1877, No. 684.	

No. 215. ORDER THEREON, 21st February 1878, No. 858 W.

In the Resolutions recorded above the Government of India make assignments to the several Presidencies on account of Imperial Public Works for the year 1878-79.

2. In paragraph 4 of Resolution No. 18-33 A—G, dated 8th January 1878, the Government of India have left it to the Local Government to distribute the provisional grant allowed under Military as circumstances may require. 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 ..	1,54,150	1,87,850	2,50,000	1,48,000	10,000	7,50,000
OTHER SERVICES.						
Civil Buildings. { Postal ..	4,000	9,000	5,000	33,810	2,228	1,68,806
{ Telegraph ..	...	10,000	5,000			
{ Salt Works ..	45,850	11,668	20,000			
Miscellaneous Public { Light-houses.	20,000	1,000	1,250	...	...	2,482
Improvements ..	...	...	...	...	...	...
Stock and Suspense ..	...	...	...	...	...	...
Total ..	...	...	...	...	...	9,21,288

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

Minor Works under Military and Other Services for each year.		OTHER SERVICES.			
Executive Division.	Military.	CIVIL BUILDINGS.			MISCELLANEOUS PUBLIC IMPROVEMENTS.
		Postal.	Telegraph.	Salt Works.	Light houses.
	RS.	RS.	RS.	RS.	RS.
Bangalore	3,000				
Bellary	2,500				
Cakient	1,000				
Cannanore	1,000				
Coimbatore	300				
Mangalore	300				
Mount	1,500				
Nilgiris	1,500				
Oosoor	200				
Presidency	5,000				
Ramandrug	500				
Tinnevely	200				
Trichinopoly	1,700				
Vellore	300				
Vizagapatam	500				
Balance at the disposal of Government. { Presidency Division. } ...	1,68,350	9,000	10,000	11,668	1,000
Total ...	1,87,850	9,000	10,000	11,668	1,000

4. In paragraph 5 of the Government of India Resolution No. 12-33 A—G, dated 8th January 1878, a statement of proposed reductions of not less than 20 per cent. of the provisional allotment for works is called for. The amount allotted to works is Rupees 5,92,000, and 20 per cent. on this will amount to Rupees 1,18,400, to meet which the following reductions will be proposed to the Government of India:—

Budget Item—

2. Hospital Serjeants' quarters for the third Pavilion Race Course, Bangalore ...	RS. 5,700
6. Completing the third block, married quarters, at Wellington ...	3,720
7. Addition to the Hospital Guard-room for prisoners at Wellington.	4,590
12. Providing racks in the Ordnance Gunpowder Magazine, Bangalore.	2,560
13. Enlarging existing quarters of Millmon and Supervisors for resident Master Worker and Master Refiner at the Gunpowder Factory, Madras ...	5,000
14. School-house and furniture for four Native Infantry Regiments at Bangalore ...	4,800
15. Water-supply Project at Bellary ...	4,000
16. Additional works in connection with Ulsoor Water-supply Project.	20,000
17. Improvements to Dumloor tank at Bangalore ...	10,000
18. Drinking water-supply to be conveyed in pipes from outlet to the lower story of each block of barracks at Wellington ...	2,150
24. Minor works ...	55,880

Total... 1,18,400

5. The grant for establishments under "Military and Other Services, Imperial," is Rupees 1,81,810. The grants from other sources will be shown in the orders reviewing the Provincial Budget.

6. The allotment for "Tools and Plant" is Rupees 12,228.* Out of this allotment, Rupees 476 are required for London supplies, leaving a balance of Rs. 11,752, which has been distributed as shown in Part IV of the Budget.

Military ...	RS. 10,000
Other Services ...	2,228
	12,228

† G.O., No. 231 W, of 14th January 1878.

7. The amount applied† for by the District Engineer, Presidency, under "Tools and Plant, Imperial, Other Services," is excessive. After providing Rupees 476 for London supplies, the balance of the grant under this head has been reserved by Government for appropriation as occasion arises.

8. District Engineers will be careful that, as in the case of other Public Works, no Salt Works for which funds have been provided in the Budget are carried out without first submitting the necessary plans and estimates for the sanction of Government. They should at the same time take the necessary steps to have plans and estimates prepared and sanctioned in ample time to admit of the utilization of the Budget appropriations within the official year.

(True Extract.)

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

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

Exd. T. C. Shunker.
Spare Copies

GENERAL
ACCOUNT.

Govt. of (1878) Madras.
PUBLIC WORKS.

ALL DISTRICT ENGINEERS.

cc. cc. cc.

Dated January 21st.

1878

Recd.

Encl.

G. O. 21st January 1878, No. 533 W.

FEBRUARY.

NO. 10222.

Imperial Budget Estimates (Buildings and
Roads Branch) for 1878-79. - Issued 21st
Feb 1878.

PUBLIC WORKS DEPARTMENT.

General.
Account.

No. 859 W.

No. 216.

FROM

THE SECRETARY TO THE GOVERNMENT OF MADRAS,

Public Works Department,

TO

THE SECRETARY TO THE GOVERNMENT OF INDIA,

Public Works Department.

SIR,—I am directed to forward, herewith, the Imperial Budget Estimates, Build-
ings and Roads Branch, for the year
No. 858 W, dated 21st February 1878. 1878-79, together with the Proceedings
of Government thereon.

2. With reference to paragraph 5 of the Government of India Resolution, No.
18-33 A.—G., dated 8th January 1878, I am to invite your attention to paragraph 4
of the Proceedings in which the proposed reductions to meet a possible deficit are
shown.

I have the honor to be,

Sir,

Your most obedient servant,

Colonel, R.E.,
Secretary to Government, P.W.D.

FORT ST. GEORGE,
21st February 1878.

Exd. E. C. Shanker.
Spare Copies

GENERAL
ACCOUNT

Est. of 1878-79
PUBLIC WORKS.

Imperial—
Buildings and Roads,

Madras

2

Public Works Department,

Imperial Budget Estimate
of the
Buildings and Roads Branch
of the Tanjore District
of Government of Madras
for the year
1878-1879.

District Engineer's Office
Chettipore 27 August 1877

C. Morris
District Engineer Tanjore

Contents

Abstract of the Budget Estimate of Revenue for Public Works	_____
_____ ^{1st} _____ ^{2nd} _____ ^{3rd} _____ ^{4th} _____ ^{5th} _____ ^{6th} _____ ^{7th} _____ ^{8th} _____ ^{9th} _____ ^{10th} _____ ^{11th} _____ ^{12th} _____	_____
Part I. Detail of Estimate for Annual Works	_____
" II - _____ ^{1st} _____ ^{2nd} _____ ^{3rd} _____ ^{4th} _____ ^{5th} _____ ^{6th} _____ ^{7th} _____ ^{8th} _____ ^{9th} _____ ^{10th} _____ ^{11th} _____ ^{12th} _____	_____
Abstract By Division of the Grants provided above	_____
Part III Detail of Estimate for Establishment	_____
" IV _____ ^{1st} _____ ^{2nd} _____ ^{3rd} _____ ^{4th} _____ ^{5th} _____ ^{6th} _____ ^{7th} _____ ^{8th} _____ ^{9th} _____ ^{10th} _____ ^{11th} _____ ^{12th} _____	_____
" V _____ ^{1st} _____ ^{2nd} _____ ^{3rd} _____ ^{4th} _____ ^{5th} _____ ^{6th} _____ ^{7th} _____ ^{8th} _____ ^{9th} _____ ^{10th} _____ ^{11th} _____ ^{12th} _____	_____
Appendix A. Abstract of the Grants for Each Department	_____

District for the year from 1st April 1878 to 31st March 1879.

Budget Estimate	Budget Estimate	Revenue Estimate
1878	1879	1878

Military
Nil

Other Services
Nil

abstract of the estimated char.
Tanjore District for the year from 1st April 1878 to 31st March 1879.

Reference to Debits Estimate	Budget Estimate 1878-79	Budget Estimate 1877-78
------------------------------------	-------------------------------	-------------------------------

Military

Original Works	4-6	3,732	"
Repairs	7	850	850
Establishment	9	1145	212
Tools and Plant	10	79	79
Stock and Expenses	11	"	"
		5806	1141

Other Services

Civil Buildings - Original Works	4-6	3290	"
do Repairs	7	800	150

Miscellaneous Public Improvements

Original Works	4-6	"	"
do Repairs	7	"	"
Establishment	9	1172	38
do Special	"	"	"
Tools and Plant	10	"	"
Stock and Expenses	11	"	"
		5862	188

7
and
12

Original Works	4-6	7622	"
Repairs	7	1650	1000
Establishment	9	2317	250
do Special	"	"	"
Tools and Plant	10	79	79
Stock and Expenses	11	"	"
		11,668	1329

Classification	Division	Locality	Item	Project and Works
				<u>Military</u>
dated for troops of	Berhampur	Berhampur	1.	Drainage of Native Infantry lines at Berhampur
Infantry	do	do	2.	Adding a Brooming and Drying Room to the Armourers workshop at Berhampur
	do	do	3.	Compound wall to Military Hospital at Berhampur
				Total Military
				<u>Civil Buildings</u>
Officers	do	Gopaulpur	4.	Additions to Post office at Gopaulpur
do		Chicaole	5.	Construction of a 6 th Class Post office at Chicaole
all	Berhampur	Gangain	6.	Construction of Sath Cutchery at Gangain
				Total Civil Buildings
				Miscellaneous Public Improvements
				Nil
				Total M. P. Impro

Classification	Division	Locality	Item	Project and Works
				<u>Military</u>
Insurance	Berhampur	Berhampur	Annual repairs	100
work	do	do	do	500
off	do	do	do	150
miscellaneous	do	do	do	50
				Military subordinates
				50
				Medical subordinates
				50
				850
				Total Military
				850
				<u>Other Services</u>
				<u>Civil Buildings</u>
	Berhampur	Gopaulpur	Annual repairs to Post office	200
	Chicaole	Chicaole	do do do	100
	Chicaole	Chicaole	do do do	300
	Sath	Berhampur	Annual repairs to Sath Cutchery	200
	Chicaole	Kaspaday	do do do	300
				500
				Total Civil Buildings
				800
				Miscellaneous Public Improvements
				Nil
				Total M. P. Impro

Budget
Estimate
1972-1973

12

Classification	Divisions		Total
	Recreation	Charitable	
Military			
armed works	100	"	100
and Miscellaneous	500	"	500
of Maintenance Charges of			
Cantonment road	150	"	150
of Buildings for Accommodation			
of Subordinates as well as			
located for rest of quarters	100	"	100
	850	"	850

Other Services			
Civil Buildings			
at offices	200	100	300
at h.	200	300	500
Total Civil Buildings	400	400	800

Miscellaneous Public Improvements			
at			
Total Misc. Pub. Improvements			
Total Other Services	400	400	800
Total Imperial	1250	400	1650

Military			
Works	3732	25 per Cent on the provision of Rs 4582 for works and Repairs -	1145
Repairs	850		
	4582		

Other Services			
Civil Buildings	3890	800	25 per Cent on the provision of Rs 4690 for works and Repairs -
Communications	0	0	
Miscellaneous P.S.	0	0	
	3890	800	
	4690		1172

Total Military and Other Services - 2317

for 1878-1879.

Budget Estimate	Budget Estimate
1878-79	1877-1878

Military

Whampoa. Repairs & Ammunition ——— 79 79

Total Military ——— 79 79

Other Services

Nil

Total Other Services ——— " "

Total Military and other Services ——— 79 79

made in the Foreign Revenue for 1878-1879, as in the Ordinary Imperial Budget Estimate of the year.

1729

Stock	Stock	Official	London	London
Purchase	and	Revenue	Stores	Stores
Sales		Exp.		

Chinese Division

Actual balance on 1 st April 1877	3614-12-2	"	"	"	"
Probable charges during 1877-78	385-3-10	"	"	"	"

Total	4000	"	"	"	"
Probable issues including					
also & Cash Credits during 1877-78	2000	"	"	"	"

Probable Balance on the 1 st April 1878	2000	"	"	"	"
--	------	---	---	---	---

Result provided	Increase	"	"	"	"
in the Budget	Decrease	1615	"	"	"
for 1878-79					

Original Works Total Works and Repairs Total Stock and Tools and Equip 1878-79 Total 1877-78

Military
 al 3732 850 4582 1145 79 " 5806 1141

Total 3732 850 4582 1145 79 " 5806 1141

Buildings
 ch offices 1800 300 2100 525 " " 2625 188
 ch 2090 500 2590 647 " " 3237 "

communications " " " " " " " "
 various Public Dept " " " " " " " "
 Total 3890 800 4690 1172 " " 5862 188

Grand Total 7622 1650 9272 2317 79 " 11668 1329

200
 1877-78

L. H. H. H.
 District Engineer, Gwalior

Account of Bullay Grant 1877-78
 of Actuals & Vouchers
 estimate and of the day Special
 1878-79 1877-78

Remarks and References

1762 1762 1 G.O. No. 57315 dated 31st July 1877. Imperial
 1877-78

1125 1125 2 G.O. No. 19779 dated 31st August 1876.
 No. 48 D.O. of 1876-77.

845 845 3 Estimate has been submitted to Brigadier
 General A.D.

1732 1732 " "

370 370 4 Estimate has been submitted to
 Post Master General Madras

1430 1430 5 do do "

2090 2090 6 G.O. No. 2639 dated 30 September
 Imperial No 86 15/1876-77.

3890 3890 "

General Contributions		
Buildings	3732	3732
Public Improvements	3890	3890
Total	7622	7622

Enclosure. /
Budget.

No. 48
District Engineer, Office G. S.
Chettapone 29th August 1877

From The District Engineer
G. S.

To The Chief Engineer
Buildings & Roads Branch
Madras.

Sir, I have the honor to forward herewith
Public Works "Imperial Budget Estimate
of the Buildings and Roads Branch
for the Year 1878-79 with the following
observations &c.

New Works. Military, 1. Drainage of
Native Infantry lines at Berhampore.
An Estimate for Rs. 1762 has been sanctioned.
Vide G. O. No. 513 D. of 31st July 1877. Full
provisions for the same has been made in the
Budget.

2. Adding a Browning and Drying
room

An Estimate for Rs 1125 has been sanctioned
vide G.O. No. 1979 of 31st August 1876. Full provision
for the same has been made in the Budget.

3. Compound wall to Military Hospital
at Berhampore. An Estimate for Rs 845
has been submitted to the Brigadier General
Commanding Northern Division long ago
but nothing has been heard of it on that account
a provision of Rs 845 has been made in the
Budget in case the work is sanctioned. I do
not however consider it urgent.

Other Services. Civil Buildings; 4 Additions
to Post office at Gopaulpore. An Estimate
for Rs 370 has been submitted to the Post
Master General Madras and provision for
the same has been made in the Budget
in anticipation of sanction.

5. Construction of a 6th Class Post Office

at Rasoolbagah. Plan and Estimate
for Rs 1430 have been submitted to the
Post Master General Madras and funds
for

for the same have been provided in the Budget
in anticipation of sanction.

6. Construction of a Salt Cutcherry at Ganyani.
An Estimate for Rs 2090 has been sanctioned
vide G.O. No. 2639 dated 30th September 1876.
Full provision for the same has been made
in the Budget.

Repairs Military; Rs 850 have been
provided in the Budget same as last
year for Annual Repairs to Military Buildings
House rent and Roads at Berhampore.

Other services. Civil Buildings; Rs 300 have
been provided in the Budget for Repairs
to Post offices at Berhampore, Acha,
Gopaulpore, Chicacole, and Kemer.

Rs 500 have been provided in the Budget
for Repairs to Salt Cutcheries at Ganyani
Sourla, Nawpada and Omeravelly.

Tools and Plant. Rs 79 have been provided
in the Budget for Tools and Plant for

Repairs and Carriage same as being
a

over provision ~~of~~ last year

Shaw's household
Yours most obedt servant

L. L. L. L.
District Engineer Garrison

17

The District Engineer,
Gaujam

The Chief Engineer
Buildings & Roads

No. 48

Dated 29th August/77
Despatch 303

No. of Levels - 1

GO 858W/21-278

Subjects

Forward Imperial
Buildings & Roads
Budget for 1878-79

Imperial
Buildings and Roads

Nellore District
Part II

Detail of the Budget estimate for Repairs
Imperial Buildings and Roads for 1878-79.

Heads of Classification	Division Locality	Items	Estimate for 1878-79	Estimate for 1877-78
			Amount Total	Amount Total
Other services				
Civil Buildings				
	Portal Southern	Annual repairs to,	150	100
		Post Office Buildings		
	Central		100	"
	Northern		100	"
			350	100

District Engineer's Office
Nellore
11th October 1877

W. H. S. S. S.
District Engineer

From
 The District Engineer
 Kellone
 To
 The Chief Engineer
 Roads and Building
 Madras.

Dated 11th October 1877
 Despatched 14th
 Received 15th

Imperial
 Part II
 Detail of the Budget
 Estimate for Repairs
 for 1878-79.

G.O. 858 W 31-2-78

Cuddapah District
 Part III
 Detailed Estimate for Repairs for 1878-79.

	Estimate for 1878-79		Estimate for 1877-78	
	Amount	Total	Amount	Total
<u>"Ordinary"</u>				
<u>Repairs</u>				
<u>of the Service</u>				
<u>Civil Buildings</u>				
Cuddapah Postals	200	200	200	200
Telegraphs	100	100	"	"
Tools and Plant	250	250	"	"
Total	550	550	200	200

19

Cuddapah District Engineer's }
 Office. Dated 15th October 1877 }
 Comptroller }
 L. M. S. Col. R. }
 District Engineer of Cuddapah }

From
The District Engineer
of Cuddapah
To
The Chief Engineer
Buildings and Roads
Madras

Date Recd. } October 1877

Superior Co.

Budget Estimate for
1878-79 Part III of
Cuddapah District

Budget for 1878-79 of Cuddapah District
Part I
Abstract

Main Heads	Imperial	Remarks
<u>"Buildings"</u>		
<u>"Masonry work"</u>		
<u>"Other Services"</u>		
<u>"Civil Buildings"</u>		
Post and Telegraph	500	as 1877-78
Tools and Plant	500	do
Total	1000	
<u>"Repairs"</u>		
<u>"Other Services"</u>		
<u>"Civil Buildings"</u>		
Post and Telegraph	200	as 1877-78
Telegraph	100	100 do
Tools and Plant	250	do
Total Repairs	550	
Grand Total	1550	

20

Cuddapah District Engineers } Col. R. E.
Office dated 1st October 1877 } District Engineer of Cuddapah.

Compd. Off.

Fid

II

21

Wm. H. May *Chas. R. E.*
District Engineer of *Cutler's Creek*

From
The District Engineer
of Luddasah

To The Chief Engineer
Buildings and
Madras

Dated 18th 2 October 1878
Recd

G O 858 W 82278

Imperial

Budget Estimate for
1878-79 Part I & II
of Luddasah District

27

Imperial.
Buildings and Roads.

Charges.

Madras.

Revenue District.

Government of Madras.

Imperial Budget Estimate of Ordinary Expenditure of the Public Works Department.
Buildings and Roads Branch, Revenue for 1878-79.

Abstract of the Estimated Charges for Imperial Public Works in Revenue for the year
from 1st April 1878 to 31st March 1879.

Other Services.	Referred to Detailled Estimate.	1878-79.	Budget Estimate.	Regular Estimate.
Civil Buildings, Original Works— 9 th — Repairs — 5 and 6 Establishment — 7 Tools and Plant — 8	Referred to 3 and 4			
		150	150	150
		37	37	37
		200	200	200
Total		387	387	387

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

Original Works.	Repairs. and Plant.	1878-79.	Budget Estimate.	Regular Estimate.
Imperial	Imperial	1878-79.	1877-78.	1877-78.

Provision from Imperial Funds.

In India — 150 37 200 — 387 387
In England — — — — —

Total as above — 150 37 200 — 387 387

Provision from Contributions.

In India — — — — —

Grand Total — 150 37 200 — 387 387

Imperial
Buildings and Roads.

Madras.
Mural District.
Government of Madras.
Part I.

Detail of the Budget Estimate of Original Works Imperial Buildings
and Roads, for the years 1878-79.

Nil

(3)

Abstract of the Grants provided above.

Nil

24A

Imperial.
Buildings and Roads.

Government of Madras.
Part II.

Madras.
Kurnool District.

Detail of the Budget Estimate for Repairs, Imperial Buildings and Roads, for the year 1878-79.

Kind of Classification.	Division	Locality	Items	Estimate, 1878-79. Estimate, 1877-78.	
				Amount	Total. Amount Total.
Post Office	Maudial	Kurnool	Military.		
			Other Services.		
			Civil Buildings		
			Annual repairs to Post Office Building	50	50
Indian Telegraph Department.	Kurnool	Kurnool	Annual repairs to Telegraph	100	100
			Office Kurnool	100	100
			Total Other Services	150	150

(5)

Abstract by Divisions of the Grants provided above.

Divisions		Total.
Kurnool Maudial		
Head of Classification.		
Other Services.		
Civil Buildings, Total		50
Do. Telegraph		100
Total other Services		150
Total Imperial		150

Imperial
Buildings and Roads.

Madras.
Municipal District.

Government of Madras.
Part III.

Detail of the Budget Estimate for Establishment for Imperial Buildings & Roads for 1878-79.

Budget Estimate. 1878-79. Budget Estimate. 1877-78.

Military

Nil.

Other Services.

Works Repairs

Civil Buildings — — — 150 — 25 Rupees per Cent on the provision of Rupees 150 for Repairs } 37 37

Total for Other Services — 37 37
(7)

Part IV.

Detail of the Budget Estimate for Works and Plant for 1878-79.

Budget Estimate. 1878-79. Budget Estimate. 1877-78.

Military

Nil

Other Services

Municipal, Repairs and Carriage — 150

Miscellaneous — 25

Gravel — 25

Total Other Services — 200

200

Imperial
Buildings and Roads.

Madras
Munro District.

Government of Madras.

Appendix

Abstract of the Imperial Grants for 1878-79 under Ordinary Imperial
Buildings and Roads, arranged by Departments.

Original Works.	Repairs.	Total Works.	Establm. and	Total
-----------------	----------	--------------	--------------	-------

1878-79 1877-78.

Military

Artillery

Civil Buildings

Post Office

Telegraphs

Total

50	50	100	37	200	387
100	100	200	37	200	387

(9)

Munro District Engineer's Office
5th October 1877.

M. W. Munro
District Engineer, Munro District.

Attest
Sd/-

For the Chief Engineer for
Roads and Buildings. C. D. D.

Madras.

27

Kurnool District

From

The District Engineer
Kurnool.

To

The Chief Engineer
for Buildings and Roads.
Public Works Department.
Madras.

Dated 5th

Decd. 8

Received.

October 1877.

G O N 858 W 321-278

Budget Estimate,
of the

Buildings & Roads branch
of the

Public Works Department.

Kurnool District

for the year

1878-79.

Imperial
Buildings and Roads.

Revenue District

Budget Estimate for 1878-79.

Abstract.

Estimate
1878-79.

Estimate
1877-78.

Summ

Total

Summ

Total

Military.

Original Works 12,330.

17,275.

Repairs 28,000.

28,000.

Tools and Plant 400.

150.

110,730. 95,425.

Other Services.

Civil Buildings

Repairs - { Postal 120.

120.

{ Telegraph 200.

200.

Tools and Plant 100.

"

420. 320.

Total 14,150. 95,745.

28

Imperial Buildings and Roads.

Bellary District. Part I.

(Detail of the Budget Estimate of original Works, Imperial Buildings and Roads, for the year 1878-79.)

Head of Executive
Classification Division Locality

Amount

Projects and Works.

Amount of Estimate
outlay Grant 1878-79
Actual 1876-77
Balance 1877-78
Journal Special

Station

No.

Remarks and References.

Military

Baracks for European

Signalling Bellary.

Accommodation
for troops.

Buildings for
European troops
on the plains

European Signalling Bellary Bellary — Two American Villa
Alley —

4520

4520

1

GO R. 3016 of 1878 (December 1870 Item No. 19.
of Budget of 1876-77)

00

00

80

2 Stone cut drains to family
quarters

4810

4810

2

Estimate submitted with this Office letter
No. 2095 of 1877. Work urgently
required.

Minor Works Bellary

80

3 Grant for Minor new
Works below Rs. 2500 to be
placed at the disposal of
the District Engineer

2500

2500

3

29

00

Waste Remandoo

4

00

500

500

4

12330

Imperial Buildings and Roads

Bellary District Part II

(Detail of the Budget Estimate for Repairs Imperial Buildings and Roads for
the year 1878-79)

Head of Classification	Division Locality Items	Estimate 1878-79		Estimate 1877-78	
		Amount	Total	Amount	Total

Military

Accommodation for troops					
Buildings for European troops					
On the plains					
Infantry	Recurring Bellary Annual repairs	8000	8000	9000	9000
European Artillery		00	00	00	3000
Buildings for Native troops on the plains					
Infantry		00	00	00	2000
Native Cavalry		00	00	00	400

Part II (continued)

Head of Classification Division Locality Items	Estimate 1878-79		Estimate 1877-78		
	Amount	Total	Amount	Total	
Ordnance Works	Recurring Bellary Annual repairs	500	500	400	400
Commissariat Buildings		00	00	00	400
Staff and Miscellaneous		00	00	00	2600
Workmen Bong		00	00	2010	4410
General Contingent					
Water Works Supply		00	00	1660	1660
Ordinary Maintenance Charges of Contingent Roads				00	4660

Part II (continued)

	Estimate 1878-79	Estimate 1877-78
Head of Classification Division Locality Items	Amount Total	Amount Total
Rents of Bldgs.		
Wage for Accompanying Military Subordinate 1500	" 1500	
moderation of		
Subordinates Hospital Remaining — Dr. — " 1500	30 ✓	1530
as well as		
Compensation		
for rent of Quarters		
Hospital Remaining — Dr. — 70	70 ✓	1470
Total Military	28000	28000

Other Services
Civil Buildings

Pat. Office. Govt.	Annual repairs to Pat. Office Buildings	50.	50.
Hospital	— Do — Do. —	50.	50.
Prima Condole }	— Do — Do —	20.	20.
Telegraph	Bellevue, Beacon, Annual repairs to Telegraph Buildings	200	200
	— Do — Do —	200	200
	Total other services	320	320

Imperial
Buildings and Roads

Peace and Brotherhood.
Part IV.

Imperial
Builings and Roads Part IV.
Detail of the Budget Estimate for Tools and Plant for Imperial
Builings and Roads for the year 1890/91

Inventive
Division.

Military

Belany	New Supper	150.	"
Kosper	Do.	50.	"
Total		200.	"

Bellevue	Repairs and Carriage	150.	} 150.
Hospice	Do.	50.	
Total		200.	150.

Other Services

Post	Repairs and Carriage	50.
Remainder		50
	Total other Services.	100.

Post Office
Recd Aug 12 Sept. 17

My. District Engineer
Heleny

From

The Dy. Dist. Eng.
Barrack

To

The Chief Engineer
Public Works Dept.

Date 12. September 1877.

Recd.

G O W 858 W 21-2-78

Imperial Budget

Estimate of the

Buildings and Roadways

of the
Barrack District for
the year 1878-79.

Building

No 3048 District Engineers Office
Barrack 23 October 1877

From

The officiating District
Engineer Barrack

To

The Chief Engineer P.W.D.
Madras.

M²

Sir

With reference to G. O. No.
824 W dated 1st October 1877, I
have the honor to state for your information
that the undermentioned works included
in the Schedule printed thereupon
commenced in May last, funds for them
were provided in the orders quoted
against them and they will be probably be
completed within the current official
year.

With reference to

2 Double wash Houses & privies
for the Imperial Infantry Regiment.
4. Two latrines for the lines of the
21st Regiment Native Infantry.

P.J.O.

G.O. No.
2171 of
1st Oct 1877
Imperial
Budget for
1878-79

2. The third latrine purchased in
1876 No. 435 of 22 March
was also commenced.

I have the honor to be
Sir
Your Most Obedt Servant

Wm. P. A. C. E.
officiating Dist Engineer

33

From

The Offg. Dist Engineer
Bellevue

To

The Chief Engineer
D. P. W.

Dated 23rd October 1877

Ref.

G.O. 858W 321-278

No. 3048

Military Works in the
Cantonment of Bellevue

Informing that certain
which have been included in the
schedule of supplemental requirements
for 1878-79, printed with G.O. 826W
of 1st Dec. 77, will be completed within
this fiscal year.

34

Imperial Part II.

Detail of the Budget Estimate for Repairs Imperial Buildings and roads in the Presidency District
for the year 1878-79.

Head of Classification	Division	Locality	Items	Estimate 1878-79		Estimate 7/1877-78	
				Amount	Total	Amount	Total
Buildings for Troops on the Plains.							
Accommodation for European Infantry	Presidency.	Fort Saint George.	Annual Repairs.	5,000	Paid		
Do. Artillery			Do.	1,000	Paid		35
Do. Native Infantry			Do.	3,000	Paid		
Do. Native Cavalry			Do.	3,000	Paid		
Buildings for Officers.			Do.	2,500	Paid		
Ordnance works			Do.	4,000	Paid		
Commensurate Buildings.			Do.	3,500	Paid		
Staff & Miscellaneous			Do.	9,100	Paid		
Military Roads.							
Ordinary Maintenance charges for Cantonment roads.	Do.		Do.	8,500	Paid		
			Do.	10,400	Paid		
Fortification	Do.			50,000			

Imperial Part II.

Detail of the Budget Estimate for Repairs Imperial Buildings and roads in the Presidency District
for the year 1878-79.

Head of Classification	Division	Locality	Items	Estimate 1878-79		Estimate 1877-78	
				Amount	Total	Amount	Total

Compensation for
rent of Quarters

Presidency

Annual Repairs.

5,000

Military Subordinates

8,000

Medical — Do —

7,000

65,000

73,000

76

Other Services.

Civil Buildings.

Annual Repairs.

to Post Office

Buildings —

300.

Do — Telegraph

Buildings —

300.

600.

600.

Postal

Do.

Telegraph.

Do

*Imperial
Part II.*

*Detail of the Budget Estimate for Repairs Imperial Buildings and roads in the Presidency District
for the year 1878-79.*

<i>Head of Classification</i>	<i>Division</i>	<i>Localities</i>	<i>Items</i>	<i>Estimate 1878-79</i>		<i>Estimate 1877-78</i>	
				<i>Amount</i>	<i>Total</i>	<i>Amount</i>	<i>Total</i>
<i>Tools and Plant</i>	<i>Presidency</i>		<i>Repairs and Carriage</i>	140	140		140
						37	
			<i>Abstract</i>				
			<i>Repairs Military Buildings</i>	65,000			
			<i>Do Civil Buildings (Imperial)</i>	600			
			<i>Do Tools and Plant</i>	140			
			<i>Total</i>	65740			

Fort Saint George
31st October 1877
W.

R. W. Thompson
Major R.E.
District Engineer Presidency

Imperial

Part II

Presidency District

Date 31st }
Receives } October 1877

Budget List

for

1878-79

38

Imperial Buildings and Roads Part I

Detail of the Budget Estimate of Original Works Imperial Buildings and Roads for the Year 1878-79.

Detail of the Budget Estimate of Revenue					Amount of Estimate	outlay.		Grant 1878-79.		Item No.	Remarks and References.
Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.		Actual to end of 1876-77	Probable during 1877-78.	Normal.	Special.		
39											
Military											
Buildings for Officers	Presidency	Fort St. George.	1.	Providing a third story for the Quarters occupied by the Subordinate Officers of the Ordnance Department	10000		10000			1	Plan and Estimate submitted before the Imperial General of Ordnance & Magazines.
Do	Do	Do	2.	Constructing Verandah in front of Quarters occupied by District Engineer Presidency	6180		6180			2	G.O. No. 1952. Dated 15 August 1872.
Accommodation for troops.											
Buildings for Native Troops on the plains	Do	Pondicherry.	3.	Construction of entire set of new Quarters			50000	50000		3	Plan & Estimate will be submitted shortly. G.O. No. 185. Dated 20 January 1873.
Native Infantry											
Do			4.	Magazine and Store Room.	12450	8060		4150		4	2 Magazines one at Pongasurum and another at Perambore completed. The Quarter Master General states the store room is only required. Magazine not wanted.
Auxiliary Building									70330		

39

Imperial Buildings and Roads Part I

Detail of the Budget Estimate of Original Works Imperial Buildings and Roads for the year 1878-79.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	cutting.		Grant 1878-79.		Item No.	Remarks and References.
						Actual to end of 1876-77.	Probable during 1877-78.	Normal.	Special.		
								70,330			
Ordnance works.	Presidency.	Vijayapur.	5.	Additional quarters with out houses for the European employees at the Gun Powder Factory.	10,170			10,170		5.	G. O. No. 73. Dated 12 June 1871.
Buildings for European Infantry.	do.	Black Town.	6.	Military Hospital.				5,000		6.	Site not yet selected.
Commissariat Buildings.	do.	do.	7.	Stables for Commissariat Mules.	17,300			17,300			Estimate is with the Commissary General for approval.
Ordnance works.	do.	Casplanade.	8.	Constructing Library at the Ordnance Lines.	11,400			11,400			Deferred for want of funds. Vide G. O. No. 28. Dated 6 August 1870.
				Grant for minor works the Estimate cost of which does not exceed Rspees 2500 each.	10,000			10,000			
					Total Military			109,200			

*Imperial
Buildings and Roads
Part I*

Part I

Detail of the Budget Estimate of Original Works Imperial Buildings and Roads for the Year 1878-79.

	Estimated Amount	Actual Amount	Variance
Total	£ 10,000,000	£ 10,000,000	Nil

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount outlay.		Grant 1878-79.		Item No.	Remarks and References.
					of Estimate.	Actual to end of 1876-77.	Probable during 1877-78.	Normal.		
<u>Imperial minor</u>					<u>New Works.</u>					
District				For minor new works under Military.						Total for minor new works estimated to cost less than Rupees 300 each.
Presidency				5,000						5,000.
Total				5,000						5,000
<u>Abstract.</u>										
Military Buildings.					169,200					
					Total 169,200					
Fort Saint George } 31 st October 1877 }					W. Thompson Major R.E. District Engineer, Presidency					

Imperial
Buildings and Roads.
Part I
Presidency District.

Calcutta 31st
Revised } October 1877

Budget List
for
1878-79

No. 4298,
From,

The District Engineer,
Presidency.

To,

The Chief Engineer,
Buildings & Roads.

Sir,

I have the honor to submit my
Budgets, Part I and II for Imperial
and Provincial, for the year 1878-79.

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

W. B. Smith Maj. R.
District Engineer
Presidency

For H. H. H. 3
31st Oct. 1877. 3

Recd.
9/1

Building & Roads

From,
The District Engineer,
Residency

No. 4298.
dated 31st Oct. 1877.
R.S.

No. of Enclosures, 4.

G.O. No. 858 W 321-278

Budget Lists

Submits — for
Year 1878-79.

43

3/11/78

No 2986

Part II

Detail of the Budget Estimate for Tools and Plant for Imperial Buildings for 1878-79.

		Budget estimate 1878-79.	Budget estimate 1877-78.
Military			
Mount, Tools and Plant		1000	
Repairs and Carriage		100	
Other Services	Total Military	1100	
Transport food and Plant		100	
Mount		100	
Spencer		100	
	Total Other Services	300	

See page 107-108 in other series of and

Sup B & Co Office Clasp. }
Mount 25 October 1877

Wm. Chief Engineer
Imperial Buildings

Wm. Clerk
Sup B & Co Office Clasp. }
Oct 1878

From the Sup Engineer
Imperial Bldg.

No 2985

Dated 23 October 1875
Recd

Part II

Detail of the Budget
Estimate for repairs
Imperial Buildings
for the year 1878/79.

From the Sup^y Engineer
Chungking 2^d

No 2986

Dated 23^d } Octo 1877
Rec^d

Part IV

Detail of the Budget
estimate for Tools and
Plant for Imperial
Buildings for 1878/79.

46

No 2984
 Part I
 Detail of the Budget estimate of Original Works Imperial Buildings & Roads for the year 1878-79.

Head of Classification	Executive Division	Locality etc.	Item No.	Projects and Works.	Amount of Estimate	Outlay Grant 1878-79.		Items CR.	Remarks and References.
						Actual end of 1876-77	Probable during 1877-78	Normal Special	
Accommodation for Troops Buildings for European Troops on the plains.		Mount Poona Malwa.		Barracks for European Troops	370372	44307	64641.		* Actually spent prior to receipt of Memo No. 1401 of 28 th May/77.
			(1)	Barracks and out houses for English Men &	for 200 (B)	168070	13,6935	1	
			(2)	Barracks for out houses for married men	with (B)	80150	"	40000.	2 Under revision Vide G.O. No. 452 of 8 th Feb/77.
			(3)	Auxiliary accommodation	(B)	7150	"		3
			(4)	Alterations to existing & demolitions	(Buildings)	13000.	"		4
(3) Hospital Accommodation		Mount Poona Malwa.		Double, storied Hospital patients with out	for 70 houses. (A)	102000	44294	57706.	Sanctd by Govt of India Reg. No 68 of M. W. of 1876-77 G.O. No 2176 of 18 th Aug 1876. Items CR 24 of Budget of 1877-78
Carried forward								40000	

No 2984
 Part I
 Detail of the Budget estimate of Original Works: Imperial Buildings & Roads for the year 1878-79.

Head of Classification	Executive Division	Locality etc	Item Projects and Works.	Estimated	Outlay Grant 1878-79.		Remarks and references.		
					Actual end of 1876-77	Probable during 1877-78			
Brought forward						40000.			
Accommodations for Troops. Buildings for Europeans & Native Troops in the Plains	Mount	St. John's	5 Barracks for 400 Men & 1 Hospital			5			
			6 do for 1 Native Regt. men & do			6			
			7 Place of Arms			7	Appropriate estimate have been sent to the D. of H. 25 th Nov. 1877		
			8 Quarters for Europeans and East Indians and Native			8	25 th March/78 with the exception of that for the Arsenal		
			9 do do Gun Carriage Factory	27,512.20		9			
			10 do do Gun Powder			10			
			11 New Gun Carriage Factory			11			
			12 New Gun Powder			12			
			13 Grand Arsenal			13			
			14 Constructing an Assistant Apothecary Quarters at Saint John's in the vicinity of the Military Female Hospital	3830.		14	Vide G.O. No 3169 of 12 th Sept. 1869.		
			15 Constructing Stables for horses for two field Batteries of Royal Artillery at the Mount	57300.		15	do No 1892 of 25 th June/67. A revised estimate is ready for submission provided funds can be provided		
			Carried forward					73830	

No 2981
 Part I
 Detail of the Budget estimate of Original Works: Imperial Buildings & Roads for the year 1878-79.

Head of Classification Division	Executive Locality etc	Item No	Projects and Works.	Estimated Amount	Outlay Grant 1878-79.		Item No	Remarks and References.
					Actual end of 1876-77	Probable during 1877-78		
			Brought forward				73830	
Buildings for Staff purposes.	Mount	16	Constructing Swimming for the proposed Barracks in the Horse Artillery at the Mount	12600	"	"	12600	16 17 Nov 76
Milit Works		17	Grant for Minor new Works the estimate cost of which does not exceed Rs 2500	"	"	"	5200	17
Total Military							91430	29

Supr Engr Office Charge
 Saint Thomas Mount
 23rd October 1877

J. H. S. G. Colonel RB
 Superintending Engineer
 Christchurch

To, The Chief Engineer
 Roads and Building Branch.

Roads and Buildings

1073

From the Supy Engineer
Chingleput Dt

No 2984

Dated 23rd } Octr 1877
Recd. 27 }

Part I

Detail of the Budget
estimate of original work
Imperial Buildings for
the year 1878/79-

G.O. No. 858W/21-2-78

Imperial
Buildings and Roads

No 2084

North Arcot District

Public Works Department
Imperial Budget Estimate
of the

Buildings and Roads Branch

of the

North Arcot District

for the year

1878-79

80

Wendygoth Lt Colonel R.E.

District Engineer North Arcot

North Arcot
District Engineer's Office
Vellore 22nd September 1877.

Buildings and Roads

North Street District

Contents.

Contents.

	<u>Pages</u>
Abstract of the Budget Estimate of Charges for Public Works—	
Part I. Detail of Estimate for Ordinary Works—	485
" II. ————— D ^o ————— D ^o for Repairs. —————	687
Abstract by Divisions of the Grants provided above ————	8
Part IV Detail of Estimate for Tools and Plant ————	9

Imperial Charges North Area District

Buildings and Roads

Imperial Budget Estimate of Ordinary expenditure of Public Works Department, Buildings and Roads Branch, North Area District for 1878-79.

Abstract of the estimated charges for Imperial Public Works in the North Area District for the year from 1st April 1878 to 31st March 1879.

	Page	Reference to Budget		
		Detailed Estimate	Budget Regular	Estimate
		1878-79	1877-78	1877-78.
		Rs	Rs	Rs
Military				
Original Works	485	300	300	300
Repairs	6	4,010	4,000	4,000
Tools and Plant	9	50	100	100
		4,360	4,400	4,400
Civil Services				
Civil Buildings. Original Works	485	200	"	"
Do. Repairs	7	300	200	200
Miscellaneous Public Improvements. Original works		"	"	"
Do. Repairs		"	"	"
Tools and Plant	9	233	"	"
		733	200	200
Original Works				
Grand Total		500	300	300
Repairs		4,300	4,200	4,200
Tools and Plant		283	100	100
Total		5,093	4,600	4,600

Imperial
Buildings and Roads.

Part I

North West District.

Detail of the Budget, Estimate of Original Works Imperial Buildings and Roads for the Year 1878-79.

Head of Executive Division
Classification Division
Locality No. Projects and Works

Amounts Cultury Grants 1878-79
of Estimate to end of the year 1876-77 1877-78
Remarks and References.

Miner Works—

Military
1 Grant for Miner works the estimated
cost of which does not exceed Rs 2500 each

300

Total Military

300

Post Office—

Civil Buildings
2 Grant for Miner Works—

100

Total Postal

100

Telegraph—

Grant for Miner Works—

100

Total Telegraph

100

Total Civil Buildings

200

Miscellaneous Public Improvements

Note.

Abstract

Imperial Grants
Estimate to end of the year 1876-77 1877-78

Military

300

300

Civil Buildings

200

200

Miscellaneous Public Improvements

.

.

Total

500

500

/5/

/4/

Imperial North Arcot District
Buildings and Roads Part II

Detail of the Budget Estimate for Repairs Imperial Buildings and Roads for the Year 1878-79.

Heads of Classes Division Locality Location	Items.	Estimate 1878-79 Amount	Estimate 1877-78 Total	Heads of Classes Division Locality Location	Items.	Estimate 1878-79 Amount	Estimate 1877-78 Total
Buildings for Infantry Plains Infantry Rest houses Quartars Commissionary Buildings Ordinary Business of Cantonment Roads Buildings for accommodation of Subordinates as well as accommodation for quarters	Military Annual Repairs	1,500	1,500	Post Office Vellore Kallajah Telegraph Vellore	Other Services Civil Buildings Annual Repairs to Post Office Buildings	50	
	Do.	500	2,000		Do.	100	100
	Do.	100	100		Do.	50	200
	Do.	100	100		Annual Repairs to Telegraph Buildings	100	100
	Do.	100	200		Total Civil Buildings	300	200
	Do.	1,110	1,110				
	Military Subordinates	250	250				
	Medical Subordinates	250	250				
Total Military		4,010	4,000				

Imperial North Arcot District
Buildings and Roads Part II

Detail of the Budget Estimate for Repairs Imperial Buildings and Roads for the year 1878-79.

Heads of Classes Division Locality Location	Items.	Estimate 1878-79 Amount	Estimate 1877-78 Total
Post Office Vellore Kallajah Telegraph Vellore	Other Services Civil Buildings Annual Repairs to Post Office Buildings	50	
	Do.	100	100
	Do.	50	200
	Annual Repairs to Telegraph Buildings	100	100
	Total Civil Buildings	300	200

Imperial

Buildings and Roads

Part II

North West District

Abstract by Divisions of the Grants provided above.

Heads of Classification

Divisions

Total

Chittoor Vellore Hallajah

Military

Accommodation for Choofs

Buildings for Choofs on the plains.

Native Infantry

Post Houses

Ordinance Huts

Commissariat Buildings

Ordinary maintenance charges of Cantonment roads.

Point of buildings for accommodation of Subordinates Military Subordinates

as well as compensation for rent of Quarters. Medical Subordinates

Total Military

Other Services

Civil Buildings Postal

Do. Telegraph

Total Civil Buildings

Total Imperial

Imperial

Buildings and Roads. Part III. North West District.

Detail of the Budget Estimate for 1878-79.

Budget Estimate 1878-79

Budget Estimate 1877-78

Military

Vellore

Repairs and Carriage

50

100

Total Military

50

100

Other Services

Hallajah

for Scientific Instruments (New)

183

"

Do.

for Repairs and Carriage

50

"

Total other Services New and Repairs

233

"

Total Military and other Services

283

100

Q Q 22 85811721-278

Imperial

Buildings and Roads

Part I

South Arcot District

Detail of the Budget Estimate of Original Works for the year 1878-79.

58

Nil.

Q. B. There is no Major Work to be entered in this part of the Budget. The Maravatha salt Project is not brought in here, as its estimate has not been prepared, as it is considered that the water in the Vellur river is not sufficiently salt for the economic manufacturing of salt on a large scale.

W. Sharp

Collecting Collector
1/10/77

M. M. S.

Major R. E.

District Engineer

Imperial
Buildings and Roads

South Arcot District

Part II

Detail of the Budget Estimate for Repairs, Imperial
Buildings and Roads, for the year 1878-79

Year of classification	Division	Locality	Items	Estimate 1878-79	Estimate 1877
				Amount Total	Amount Total
			Other services		
			Civil Buildings		
			Post		
			Offices Cuddalore Cuddalore to Post office		
			Annual repairs		
			Building ———	100	
			Jundia Junde		
			— num - vanum ———	50	
			Salt Junde Merta Annual repairs	150	100
			— vanum - num to Kutcherry ———	150	100
			Total Civil Buildings	300	100

(57)

Dist Engr's Office
South Arcot
Cuddalore 29 Sept. 1877

M. Ward Major P.E.
District Engineer

Shan

Buildings and Roads.

From District Engineer
South West

No. 131

Dated 29 September 1977
Sept 29 - 1977
Received

Imperial

Imperial Budget
Estimate for 1978-79

GO 858W 921-277

58

Imperial.
Military Buildings.

Government of Madras.
Part II

Detail of the Budget Estimate for Original Works

Head of
Classification

Division

Locality

Items
of No.

Works

Military

Cassoor Malloor 1 Constructing an enclosure
for 24 horses at the
Malloor Railway
station 20 miles
from Cassoor

Muddalery
Ramoub
Depot. 2 Minor New Works

Imperial Military Buildings for the year 1878-79.

Amount of Estimate

Outlay of actual to end of 1876-77

Probable during 1877-78

Grant 1878-79

Total Normal for each head

Items

Remarks & References.

1550 " 1550 1 Sanctioned in G. O. No. 775
of 12th March 1870.

" " 200 " 2

Total Military Rs. 1750

59

Imperial
Public Works Budget Estimate. Government of Madras.
Part II (Continued)

Part II (Continued)
Abstract of the grants proceeded in part I

Main Heads	Total
Military	1750

Statement shewing the sums required for Minor New Works to cost less than Rupees 500. each under Imperial.

District	Military	Civil Building	Total
Salem	1750		1750

Salem
18 Oct 77

Imperial
Public Works Budget Estimate. Govt of Madras.
Part III

Detail of the Budget Estimate for repairs to Public Works
under Imperial in Salem for the year 1878-79.

Head of Classification	Division	Locality	Items	Estimate 1878-79 amount	Estimate 1877-78. Total amount	Total
Military	Cassio	Remount	Compensation			
		Depot	at or rent for			
		Mudder	quarters	850	850	✓
		and	Repairs to			
		Tripatoro	Buildings	3150	3000	
		Total Military		4000		

Postal Salem	Minor Repairs	300	250
Building	Triplicate		
Total Civil Buildings		300	250

60

P. B. and Major R. C.,
 District Engineer, Salem.

D. P. W.

Date d 18th ~~Dec~~ October 1877.

GO 2: 85-8W921-2-78

Imperial Budget
for the Official year
1878-79

№. 1946

District Engineers Office
Tanyore 14 November 1977.

Home, 18

Hon. ¹
 Capt. R. R. E. Brockman M. L.
 District Engineer, Tanjore.

2

2
Colonel E. A. Ford R. E.
Chief Engineer B. M.
Buildings & Roads Branch.

4.

Sir,
 I have the honor to inform
 you that by an error a sum of Rs. 5000
 has been entered as the allotment
 required for the maintenance of the
 Vedarnia Canal in the Budget
 Estimate for Repairs, Imperial Build-
 ings and Roads for the year 1878/79
 submitted from this Office on the
 10th instant, and request that the
 sum in question may be increased
 to Rs. 5400 for the reason explained
 in para 2 of my letter No. 1485 dated
 31st August 1877.

31st August 1877.
I have the honor to be
Sir
Your most obedient servant

7
Messrs. Captain &
District Engineer

Handwritten text in a non-Latin script, likely a header or address line.

Now

The District Engineer
Zangeneh

2

The Chief Engineer
P. W. D.

Building & Roads Branch

713

No. 1946

Dated 14 November 77

Vedarnicin Canal -

Requests that the allot-
ment required for the
maintenance of the
may be increased to Rs. 5400.

Handwritten signature or initials.

67

Imperial

Buildings and Roads

Detail of the Budget Estimate for Repairs, Imperial buildings and Roads for the Year 1878/79

Head
of Classification
Division Locality

I District
Part II

Estimate
1878/79

Amount Total

Remarks

63

Other Services Civil Buildings

Postal Office Tanjore Tanjore Minor Repairs to Postal buildings

D^o Myanam Myanam D^o D^o 50 50

D^o Negapatam Negapatam D^o D^o 25 25

D^o Munnargur Munnargur D^o D^o 25 25

Total Postal buildings 150 150

Telegraph

Telegraph Negapatam Negapatam Minor Repairs to Telegraph buildings

100 100 100 100

Salt

Salt Negapatam Negapatam Imperial share of Maintenance of Vadaviniem Canal

5000 5000 5000 5000

Total Civil buildings 5250 5250

District Engineer's Office
Tanjore
10th November 1877
Desd 11th

Chellamangalappan
District Engineer

From,

The District Engineer
Suzra

To The Chief Engineer
for Roads & Buildings
D. W.

Dated 10th

Decr 11th

Recd

November
1877.

Part II

Detail of the Budget
Estimate for Repairs,
Imperial Buildings &
Roads, for the year
1878-79 -

Imperial Buildings and Roads
Detail of the Budget Estimate of Original Works

Head of Classification
 Executive Divisions
 Locality
 Item No.
 Projects and Works

Original Works
Other Services
Civil Buildings
Post Office

Post Office
 Tanjore
 Comba 1
 Constructing a new Post Office building at Combaconum

Salt

Salt
 Adram
 gudy
 2
 Constructing one Head Constables and fourteen Constables huts at Adram, gudy

Carried over

District
I
Imperial Buildings and Roads for the year 1878/79

Amount of Estimate
 Actual to end of 1876/77
 Probable outlay during 1877/78
 Grant 1878/79
 Normal
 Special
 Item No.
 Remarks and References.

Estimate called for in G.O. No. 824 W dated 1st October 1877, and will be shortly submitted

Para 12 of G.O. No. 431 W dated 17 July 1877, and also G.O. No. 824 W dated 1st October 1877.

7950 1597 2000 4353

8353

Head of Classification	Executive Division	Locality	Item No.	Projects and Works	Amount of Estimate	Actual Expenditure 1876/77	Probable outlay during 1877/78	Grant 1878/79	Item No.	Remarks and References

Brought forward 8353

Salt Department 3 Constructing a Bridge on Road No 36 over the extension of the Vadarnien Canal

7570 52 7518

3

D^o D^o Vadarnien 4 Constructing two head Constables and 19 Constables huts at Vadarnien

Approximate

Estimate

3000

4

Estimates Called for in G O No 824 W dated 1st October 1877, and will be shortly submitted

D^o Mun Cattoo 5 One head Constables and 9 Constables huts at Cattoomawady

D^o

2000

5

Total Original Works Civil Buildings 20871

Abstract of the Grants proposed
Disbursed by the Public

Public Department
for Original Works to be
Works Department

Main

Head

Imperial Total

Civil Buildings

20871 20871

Total 20871 20871

District Engineers Office
Lancaster
10th November 1877
Decd 11th

Wm. L. L. L.
District Engineer

Tanjore District

List of Minor New Works below Rupees 2500 each recommended for execution in 1878/79

Description of Work	Amount of Estimate	Remarks
<u>Imperial</u> <u>Other Services</u> <u>Civil Buildings</u> <u>Salt</u>		
Constructing 2 sluices for supplying the sub station of Valangunny with sea water	710	These works have been sanctioned for execution by
Do a supplying sluice for Annathambore	350	the Collector under
Do 3 Tunnels on the approach leading to the salt station at Magalengottai	360	Revenue Board's Standing Circular No. 207 (II of 1875)
Total Civil Buildings	1420	

District Engineers Office
Tanjore
10th November 1877
Desp. 11th

Amelambay Capt. R. B.
District Engineer

20

Technische Zeichnung

Imperial
Militär

Section of Minor
to Major General
2500 such recommended
for execution in 1878.

Imperial

Trichinopoly District

Part III - Budget

Details of Estimate for Repairs for 1878-79.

Estimated
for 1878-79

Estimated
for 1877-78

Concurrent Totals

Concurrent Totals

Imperial

Ordinary

Repairs

Military

Accommodation for Europeans

2500

2500

Infantry

3500

3500

2nd - Artillery

1500

1000

2nd - Cavalry

1000

750

2nd - General purposes

700

350

Buildings for staff purposes

500

350

Commissariat Buildings

300

300

Ordnance Buildings

3200

4000

Compensation for Rent of Quarters

Military Subordinate

800

4000

Medical 20

Military Roads

1188

1188

Contingent Roads

15188

15188

12688

12688

Total Military

District Revenue Office
3rd Sept 1877

Chief Engineer
P. H.
Madras

W. H. M. - Captain R. S.

Executive Engineer in Charge

Niuchinopoly District

Appendix A
Niuchinopoly District

Imperial
Military

Set of Minor New works below Rs 2500
recommended for execution in 1878-79

Description of work

Amount
Rs.

Remarks

Imperial

Ordinary

Original works

Military

Miscellaneous

Verandah for the adult
School room Royal Artillery 700

Long finished in 1873 is
105 ft 12" April 1873 is
Rs 400 for proceeding
with the Verandah
the former having been
estimated on a separate
estimate the latter is
estimated at Rs 600

Imperial

Part III Budget

Detail of Estimate for
Repairs for 1878-79

Witnessed by
3rd Sept 1877

R. H. H.

Attest: Captain R.

By Ensign C. H. H.

Incipit

73

Imperium
Militum
Appendix A

Not to be removed from
below \$2500 per
month, for execution
in 1878-79.

Imperial

Trichinopoly District
Part II Budget

Detail of Estimate for Original works for 1878-79.

Executive Division	No	Locality	Project Description	Amount of Estimate	Computed Expenditure up to 31 March 1878	Estimated for 1878-79	Remarks or reference to particulars as to whether the estimate has been prepared or sanctioned should be entered here if sanctioned by Government of India the register No should be quoted.
			<u>Imperial</u> <u>Ordinary</u> <u>Original works</u> <u>Military</u> <u>Accommodation for European Artillery</u>				
Trichinopoly	1	Trichinopoly	One Barrack for the accommodation of 15 men of Royal Artillery	4000	4000	4000	Estimate sanctioned in G.O. No 1871 of 24 th July 1876. ordered in G.O. No 2080 dated 12 th August 1876 to undertake the work.

74

Execd. Secy. office
24th July 1877

W. H. M. S. Captain
Executive Secy. in charge

Trincomalee District

Imperial
Part II Budget
 Detail of Estimate for
 original works for 1878

Trincomalee District

Budget Estimate of probable amounts
 required for expenditures under Imperial works
 during 1878-79.

Detail	Amount	Probable grants of estimated in 1878-79	(Remarks)
<u>Imperial</u> <u>Ordinary</u> <u>Original works</u>			75
<u>Military</u> Accommodation for European Artillery			
one Barrack for the accommodation for 16 men of Royal Artillery	4000	4000	Sanctioned in G.O. No 1871 of 24 July 1876 the work was ordered to be stopped vide G.O. No 2080 of 12 August 1876.
1 Minor New works below Rs. 2500	700	700	Sanctioned in G.O. No 105 dated 12 April 1873.
2 Major New works	1700	1700	Sanctioned in G.O. No 105 dated 12 April 1873.
<u>Repairs</u> Repairs to Buildings	10000	10000	vide the estimate
Carriage and Road	1188	1188	estimate
House rent on account of Military & Medical Subordinates in Regiment daily	4000	4000	

Dist. Secy's Office
 3rd Sep 1877
 W.H.

W.H. Secy: Captain R.E.
 Executive Engineer

Imperial District

Imperial Government of Madras. Coimbatore.
Buildings and Roads Part IV.

Detail of the Budget Estimate for Tools and
Plant for 1878-79

75

Budget Budget
Estimate Estimate
for for
1878-79 1877-78

Military

Coimbatore — Repairs and Carriage — 100 100

G.O. No. 858 W. of 21-2-78

Budget Estimate of
probable amount
required for expenditure
under Imperial work
during 1878-79

Coimbatore }
31st August }
1877 }

Df

A. A. A. A. Capt. R. R.
District Eng. Coimbatore

From
The Dy District Engineer
Coimbatore

To
The Chief Engineer
for Buildings & Roads

Madras

Dated 31st Aug-77.

Recd

Imperial
Buildings and Roads
Part IV.

Detail of the Budget
Estimate for Tools and
Plant for 1878-79.

77

Detail of the Budget Estimate for Repairs Imperial
Buildings and Roads for the year 1878-79.

Abstract by Divisions of the grants provided above

Divisions

Head of Classification	Coimbatore	Collegal	Caroor	Irriga ⁿ	Total
1. <u>General</u>	1	1	1	1	4
2. <u>Special</u>	1	1	1	1	4
3. <u>Technical</u>	1	1	1	1	4
4. <u>Professional</u>	1	1	1	1	4
5. <u>Administrative</u>	1	1	1	1	4
6. <u>Other</u>	1	1	1	1	4
Total	5	5	5	5	20

76

Head of Classification	Division	Locality	Estimate 1878-79	Estimate 1877-78	Amount Total	Amount Total

Military

Rest Houses ————— 400 " " 300 700

Military

Rest Coimbar Motopolis	} Annual Repairs-	300	}	200
House loc. - liam -				
- Do - Pathar -	} Do -	100	}	400
- Do - door -				
Original Errode	Do -	300	700	200
				700

Total Military — 300 — ⁴⁰⁰ 700

Civil Buildings

Post Coimbra, Pothanor Annual Repairs
Office tore to Post Office

Buildings	20	}	50
— Do — at Metopolis	30		
— Do — them	30		30
Irrigation Works	30		
Carroos. Carroos	30	110	110
Total Civil Buildings	110		110

Civil Buildings.

Post Offices— 50 . 30 30 110

Grand Total - 450 30 330 810

Coimbatore
31st August 1877

A. Audeny. Capt. R.R.
Ag District Eng^r Coimbatore



From
The Asst District Engineer
Cannalore

To
The Chief Engineer
for Buildings & Roads
Madras

Dated 31st Aug 77

Recd

Part II

Detail of the Budget
Estimate for Repairs
Imperial Buildings
and Roads for the
Year 1878-79.

From
The Dy District Engineer
Cannibalore

To
The Chief Engineer
for Buildings & Roads
Madras

Dated 31st August 1877

Recd.

G.O. No 858 W of 21-27th

Part E

Detail of the Budget
Estimate of Original
Works Imperial
Buildings and Roads
for the year 1878-79.

District Engineer's Office
Ootacamund 24th Decr 1877.

No 493
Provis

8
The District Engineer
Nilgiris

To

The Dy Chief Engineer
P. W. D.,
Madras.

Sir

In reply to your memo-
-randum No 4283 dated the 4th
Instant with reference to P. W. D.
No 1919 W of the 3rd Idem, I have
the honor to inform you that the
amount that has to be provided
in the outgoing Budget for repairing
the Lawrence & Hyman Buildings,
at Ootacamund is Rs 6000-0-0.

I have the honor to be

Sir

Your most obedient servant

J. H. Morant Major D.C.

District Engineer

Imperial

Government of Madras

80

Part I.

Buildings and Roads.

Detail of the Budget Estimate of Original Works Imperial Buildings and Roads for the Year 1878-79.

Head of Classification.	Executive Division.	Locality.	Item No.	Project and Works.	Amount of Estimate 1876-77.	Actual to end of 1877-78.	Probable during 1877-78.	Normal Special.	Remarks and References.
-------------------------	---------------------	-----------	----------	--------------------	-----------------------------	---------------------------	--------------------------	-----------------	-------------------------

Military
Original Works
Nil

Minor Works				Minor Works	112	300	300		
-------------	--	--	--	-------------	-----	-----	-----	--	--

Comptroller
31st August
1877

P.F.

A. Quoy. Capt. R.

Dy. Dist. Eng. Coimbatore

Roads And Buildings

From

The District Engineer
Nigeria

To

The Dy. Chief Engineer
P. W. D.,
Nairobi

No. 193

Dated 24th December
No. of Enclosures. 1

Reference. Mylini Rind-
ings at Citacammud-
Informs that the sum
of Rs 6000 is the amount
to be provided for - for
reparing the - in the
outgoing Budget.

Detail Estimate for original works for 1896-97.

Expenditure	Locality	Project	Description	Amount	Contract	Sanctioned	Reference
Nigeria	Wellington	1	Addition to Hospital Guard Room for prisoners and completing third block of Married Quarters at Wellington. Total Rs 15000	8310	Contract	Sanctioned in P. W. D. No. 80, 15000 dated 20th July 1897.	
		2	Enlarging the slaughter house at Wellington	990	Contract	Sanctioned in P. W. D. No. 80, 15000 dated 20th July 1897.	

82

District Engineer's Office,
Citacammud
6th October 1897.

Authorised
Major H. E.
District Engineer.

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

Main Heads	Imperial	Local	Total
Military	9,300	..	9300

J. H. Munn Major P. W.
District Engineer

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

District	For Minor New works under Military	For Minor New works under civil Buildings	Total for minor new works to cost less than 500 Rupees
Nilgiris	1500	500	2000

J. H. Munn Major P. W.
District Engineer

Part III Repairs 27
Detail Estimate for 1878-79.

	1878-79 Amount	1877-78 Total	1878-79 Amount	1877-78 Total
Wellington - Minor repairs to Military Buildings	8000	6000	8000	6000
Wellington - Medical Subordinates	800	600	800	600
Wellington - Water Supply channels	288	288	288	288
Wellington Station Roads	1320	1320	1320	1320
Nilgiris - Postals	150	150	150	150
Nilgiris - Telegraph	150	300	150	300

J. H. Munn Major P. W.
District Engineer

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

Main Heads	Impended	Local	Total
Military	9088		9088
Agricultural			
Civil Buildings	300		300
Communications	1320		1320

District Engineer's Office
 Ootacamund.
 16th October 1877.

Per Order of Major R. B.
 District Engineer

G. D. N. 8558 N. 21-2-78

824

Detail of Budget Estimate for Original Works Imperial

Malabar
Part I

District
I

Buildings & Roads for the year 1878-79

Head of
Classification Division Locality

Projects & Works

Amount of
Estimate
Actual to
end of 1876-77
Probable
during
1877-78
Normal
Special
Items

Remarks and References.

Accommodation
for Troops.
Buildings for Euro-
pean Troops on the
Plains - E. I.
(2) Barracks and
out-offices for
married men.

Cannanore Cannanore

Military
Barracks for European
Infantry

Painting doors and
windows of the Barracks
married quarters and
out-houses

4,430 " " 4,430 " 1 G. O. No 126 of 26 May 1873. Item No 1
of Budget of 1877-78, Appendix B

Buildings for Officers

Buildings for Officers
on the Plains
(1) Officers' quarters

Calicut Calicut

Asphalting verandahs &
boarding floors of officers'
quarters at West Hill

2,700 " " 2,700 " 2 G. O. No 1366 of 3 July 1875. Item 2 of do.

Barracks for European
Artillery

Buildings for Euro-
pean Troops on the
Plains - European
Artillery - (4) Sub-
sidiary accommo-
dation.

Cannanore Cannanore

Constructing Subsidiary
buildings for Royal Ar-
tillery

9,070 " " 9,070 " 3 G. O. No 59 of 9 January 1874 and
No 2127 of 30 June 1869. Item No 4
of do. do. Revised estimates submitted
to H. E. the Commander-in-Chief
thru the Brigadier General, Com-
manding Malabar & Canara.

Do Do Do Do

Do Do

Additions of two cells to
the Royal Artillery Quarters

2,690 " " 2,690 " 4 vide letter No 78 of 31 August 1877
to the Chief Engineer, Roads & Buildings

Minor Works

Minor Works
Total Military

2,000 " 5
20,890 "

Head of Classification	Executive Division	Locality	Amount \$	Projects & Works	Amount of Estimate	Actual end of 1876-77	Outlay Probable during 1877-78	Estimate for 1878-79	Normal	Special	Amount \$	Remarks & References
Minor Works				<u>Civil Buildings</u>								
				Minor Works					500		6	
				Total Civil Buildings					500			86

Abstract of the charges proposed in Part I.

	Imperial Funds	Contributions	Total
Military	20,890	"	20,890
Civil Buildings	500	"	500
Total	21,390	"	21,390

Statement of the sums required for Minor New Works to cost less than Rs 500 each.
(Items Nos 5 & 6 in Part I)

(Stand Nos 5 & 6 in Part I)

	1877-78	Total
<u>Imperial. Ordinary</u>		
<u>Original Works</u>		
<u>Military</u>		
<u>Military Buildings.</u>		
Accommodation for European Infantry	500	1300
do do Artillery	200	200
do do Native Infantry	200	200
Commissariat buildings	50	250
Ordnance do	50	50
	1000	2000
<u>Other Services</u>		
<u>Ordnance Buildings</u>	250	500
<u>Postal</u>		2500

Malabar District.

Imperial Fund. Part II.

Detail of Estimate for Repairs, Imperial Buildings and Roads, for 1878-79.

Estimate	Estimate
1878-79	1877-78
Amount Total Amount Total	

Head of Classification.	Division.	Locality.	Items.	1878-79	1911-12	Amount Total	Amount Total

	<u>Military</u>	
Accommodations for Cannons & Annual Repairs	5000	\$
Ordnance	2450	
Cavalry } Infantry }	2450	
Barracks	2450	
Buildings for European Troops on the Plains	9900	
European Infantry	9900	

European Artillery	do	1000	1000
Canoniere Canonniers	do	1000	1000

	Do	2000	2000
Buildings for Native			
Troops on the plains			
Native Infantry			

Accommodation for troops	{	Cabient	do	100	100 ✓
		Ernard	Ernard	100	100 ✓
Buildings for officers				200	200
			Carried over	13100	13100

1877-78. 1877-78.

Head of Class. Division Specialty

Items

Am't: Total Am't Total

Ordinance books. Cannon - Cannon. Brought f. 13,100 13,100

more. more. Annual Repairs 100 100

100 100

Commissioner's Buildings { do do 200 200
do do 200 200
do do 100 100

400 400

Staff and Miss. { Cannon Cannon 200 200
do do 100 100
do do 100 100

400 400

Ordinary Maintenance Charges of Cannon. Cannon Cannon 1000 1000

1000 1000

Realty Buildings { do do Military Subordinates 1500 1500
do do 240 240
do do 380 380

2,120 2,120

Cannon Cannon Medical Subordinates 1000 1000

240 240

Polychant Frictioner do 240 240

1480 1480

Total Military 18,600 18,600

18,600 18,600

Other Services Civil Buildings

Cannon Cannon Annual Repairs to Post Office Buildings 50 50

50 50

do do 50 50

50 50

50 50

200 200

Total Civil Buildings 200 200

200 200

* Including amount allotted for late (Cannon) & West Coast Canal Division.

88

Roads and Buildings

From
The District Engineer
Malabar

Dated 27th Sept/77

C 24858 N 921-2-78

Imperial Budget Estimate
for the year 1878/79

90

Public Works Department
Imperial Budget Estimate
of the
Buildings and Roads Branch
of the
South Canara District
for the year
1878/79

-Charges.
Imperial Government of South Canara District
Buildings & Roads Madras.

Imperial Budget-estimate of ordinary expenditure of the
Public Works Department, Buildings and Roads Branch
South Canara District 1878-79.

Abstract of the estimated charges for Imperial Public Works
in South Canara for the year from 1st April 1878 to 31st March 79.

91

Reference to detail-estimate
Budget-estimate
Budget-estimate
Regular estimate
1878-79 1877-78 1877-78.

<i>Military</i>			
<i>Original Works</i>	—	300	300
<i>Repairs</i>	—	750	750
<i>Establishment</i>	—	"	"
<i>Tools & Plant</i>	—	"	"
		<u>1050</u>	<u>1050</u>
<i>Other Services</i>			
<i>Civil Buildings-Original Works</i>		"	"
<i>— " — Repairs</i>		120	220
		<u>120</u>	<u>220</u>
<i>Grand Total</i>	<i>Original Works</i>	300	300
	<i>Repairs</i>	870	970
	<i>Establishment</i>	"	"
	<i>Tools and Plant</i>	"	"
	<i>Total</i>	<u>1170</u>	<u>1270</u>

Imperial
Buildings & Roads.

Government of
Part I

Detail of the Budget estimate of original works, Imperial.

Head of Classifica- -tion	Executive Division	Locality	Item No.	Projects & works.
---------------------------------	-----------------------	----------	-------------	-------------------

Accommodation
for troops.
Buildings for
Native troops
Minor Works

Military

Minor Works. to cost
less than Rs 500 each. }

Total Military

Civil Buildings

Nil

Madras

South Canara District.

Buildings & Roads for the year 1878-79.

Amount of Estimate	Outlay Actual to end of 1878-79 Probable during 1877-78	Grant 1878-79 Annual	Special	Item No.	Remarks and References.
--------------------------	---	----------------------------	---------	----------	----------------------------

300

300

92

Imperial
Buildings & Roads. South Canara District.
Government of Madras
Abstract of the Charges provided in part I

	Imperial Contribu- -tion.	Total
Military	300	300
Civil	"	"
Total	300	300

Imperial South Canara District
Buildings & Roads Government of Madras.
Part II

Detail of the Budget Estimate for Repairs, Imperial
Buildings & Roads, for the year 1878-79.

Head of Classification Division Locality	Estimate 1878-79		Estimate 1877-78	
	Amount	Total	Amount	Total

Military

93

Accommoda-
-tion for troops
Buildings for
Native Troops Mangal-
on the plains. -lore
Native Infantry

Annual Repairs 600 600 600 600

Ordinary
Maintenance
charges of Mangal-
Cantonment -lore
Roads.

Do 150 150 150 150

Total Military 750 750

Other Services

Civil Buildings

Annual Repairs

Mangalore to Post office Bldg 90 90
-dings

Coottoor Do 30 120 30 120

Total Civil Buildings 120 120

Imperial
Buildings & Roads. South Canara District

Part II Continued.

Government of Madras.

Abstract by Divisions of the grants provided above.

Head of Classification

Divisions
Manga Puttur
- Coe

Military

Accommodation for Troops.

Buildings for Troops on the plains

Native Infantry ————— 600

Ordinary maintenance charges of

150

Cantonment Roads. —————

Total Military — 750

Other Services

Civil Buildings, Postal ————— 90 30

- & - Telegraph —————

Total Civil Buildings 90 30

Total other Services — 90 30

Total Imperial — 840 30

District Engineer's Office
Bangalore 18th Sept 1877

W. Davidson
Asst. District Engineer
South Canara

Detail of the Budget Estimate for Repairs, Imperial Buildings and Roads, for the year 1878/79.

Head of Classification	Division	Locality	Items.	Estimate 1878/79		Estimate 1877/78	
				Amount	Total	Amount	Total
				Rs.	Rs.	Rs.	Rs.
			<u>Other Services</u>				
			<u>Civil Buildings</u>				
Post Office	Madura		Annual repairs to Post office Buildings	100		50	
	Diindigul		Do.	50		50	
					150		100
Telegraph	Madura		Annual repairs to Telegraph Buildings	400		100	
					100		100
Salt	Madura		Annual repairs to Salt and Superintendence to Kotchore	150		150	
					150		150
			Total Civil Buildings	700		350	

G.O. No. 858 W 3/12-78

Madura
29th Sept. 1877
18th Oct. 1877

W. Harrington
District Engineer

25/9

Imperial
Buildings & Roads.

From.

The District Engineer
Madura

To.

The Chief Engineer
P. W. D.
Madras

Dated 29 Sept 77.
Despd - 1st October 77.
Recd.

Enclosure 1 in a letter from the
District Engineer Madura to the Chief
Engineer to P. W. D. 15th October 1877

Madura District

Part II

Detail of the Budget Estimate
- made for Repairs & Expenses
Buildings and Roads for
the year 1878-79

Imperial
Buildings & Roads

Madura District

Part II

Abstract by Divisions of the Grants required for
Repairs Imperial Buildings & Roads for the year 1878-79

Head of Classification	Divisions		Total	Remarks
	Madura	Buildings		

Other Services

Civil Buildings	Postal	100	50	150
- Do -	Telegraphs	400	.	400
- Do -	Salt	150	.	150

Grand Total 700

Madura
9th September 1877.
Sept 1st October 1877

W. Harrington
District Engineer

Imperial
Buildings & Roads
From
The District Engineer
To
The Chief Engineer
P.W.D.
Madras

Dated 29th September 1877
Enclosed 2 in a letter from the
District Engineer - Madras to the
Chief Engineer P.W.D. No 159
14 October - 1877.

Madras District
Part II

Abstract of the Grants
required for Repairs Im-
perial Building & Roads
for the year 1878/79.

GO No 858 W 321-2-78

Imperial
Buildings & Roads. Memo. Shewing the particulars of lump
sums entered in Part I of the Budget under minor
works, the estimated cost of which does not exceed Rs.
2500 each.

Description of work	Amount	Remarks
<u>Imperial</u> <u>Buildings and Roads Branch</u>		
<u>Ordinary</u> <u>Original Works</u>		
<u>Military.</u>		
Accommodation for Native Infantry		
Latrine for the Cantonment of Quilon with wells	1150	An approximate esti- mate was called for by Brigade Major in July 1873 and was finished accordingly.
School house for a Native Infantry Regt. at Palamcottah	1200	Sanctioned in G.O. No. 50 6-1-78
School house for a Native Infantry Regiment at Quilon	1200	
Four boundary pillars for Regimental Bazaars at Quilon	20	
A well with trough for Com- missariat Bullocks at Quilon	100	
Arms racks in accordance with standard pattern for the Detachment 26 th N. Infantry at Trichore	116	
Total Minor Works Military	3786	

Other Services
Civil Buildings
Nil
Total
Grand Total of both 3786

By G.O. No 794 of the charge of British works
28-9-77
Items Nos 1, 2, 5, & 6 at Quilon and Alleppy involves
on the District Engineer Malabar.

Dist Engr's Office Trich
Palamcottah 18 October
1877.

W Hunt
Offs Dist Engr's Trich

97

From,

The Offg. Secy. to Govt.
Trincomalee

To, The Chief Engineer
and Secy to Govt.
P. M. D.
Madras

Dated 18 } October 1877
Recd.

Memorandum showing the particu-
lars of lump sum entered in Part I of the
Budget under minor
works, the estimated
cost of which does not
exceed Rs 2500 each.

Imperial
Buildings & Roads.

Appendix A.

Abstract of the Imperial Grants for 1878-79
under Ordinary Imperial Buildings and
Roads arranged by Departments.

	Original	Works	Repairs	Total	Works	Repairs	Total	1878-79	Total	1877-78
<u>Military</u>										
Normal	23096	1384	24480	"	"	"	"	24480	1384	"
Special	"	"	"	"	"	"	"	24480	1384	"
Total Military	23096	1384	24480	"	"	"	"	24480	1384	"
<u>Civil Buildings</u>										
Post-Offices	"	200	200	"	"	"	"	200	200	"
Telegraphs	"	150	150	"	"	"	"	150	150	"
<u>S. P. Improvements</u>										
Rail	"	"	"	"	"	"	"	"	"	"
Total Civil buildings	"	350	350	"	"	"	"	110	350	200
Grand Total	23096	1734	24830	"	"	"	"	110	24830	1584

2000 Rs. Office of Secy to Govt.
Trincomalee 18 October
1877

98

D. Grant
Offg. Secy to Govt.
Trincomalee

Imperial Budget
for 1878-79.

From,
The Offg. Secy.
Linnelly

To The Chief Engineer
and Secretary to
Govt. P. & D.
Madras.

Dated 18th } October 1877
Recd

Abstracts of the Imperial
Grants for 1878-79 under
ordinary Imperial
Buildings and Roads
arranged by Departments

Imperial Buildings & Roads. Part IV
Linnelly District.
Detail of the Budget Estimate for Tools and Plant
for Imperial Buildings and Roads for the
year 1878-79.

Budget. Budget
Estimate Estimate
1878-79 1877-78

Military Other etc. Other Services			
Linnelly	new Supplies.	50	100
	Repairs and Carriage	60	100
Total other Services		110	100

* Sanctioned in G.O. No. 335 M of 2 July 1877.

Sixth Corps Officer in Charge
Recd at Madras 18 October
1877.

J. D. Hunt
Offg. Secy.

From,
The Offg Secy to Govt
Trincovelly

To,
The Chief Engineer
and Secy to Govt.
P. W. D.
Madras.

Dated 18th } October 1877
Recd

Part IV

Detail of the Budget
Estimate for Tools and
Plant for Imperial
Buildings and Roads
for the year 1878-79

Imperial

Trincovelly District.

Buildings and Roads.

Part II

Abstract by Divisions of the grants provided
in Part II Repairs.

Heads of Classification

Divisions

Northern Line Railway Total

Military
Accommodation for Troops.

Native Infantry ————— " 400 500
Ordinary Maintenance charges
of Cantonment Roads — " 400
Rent of buildings for accommo-
dation of Subordinates as well
as compensation for Rent of
Quarters

Military Subordinates — " 84 "
Total Military Impact " 484 900 1,384

Other Services.

Civil Buildings, Postal — " 200 "
do Telegraphs — " 150 "
Total Other Services Rs " 350 " 350

Total Imperial " 834 900 1,734

Dist Engr's Office
Palacottah 18 October
1877

100

J. D. Hunt
Offg Secy to Govt Trincovelly

From
The Off. Secy
Trinidad

To
The Chief Engineer
and Secy to Govt.
P. M. S.
Madras.

Dated 18th }
Recd } October 1871

Part II

Detail of the Budget
Estimate for Repairs,
Imperial Buildings
and Roads for the year
1878-79

Imperial Buildings and Roads.

Part I Detail of the Budget Estimates of Original Works Imperial Buildings & Roads for the year 1878-79.

107

Head of Routine Classification Division	Locality	Project and works	Estimated Amount	Actual to		Normal	Special	Items No.	Remarks and References.
				1876-77	1877-78				
<u>Ordinary</u> <u>Original Works</u> <u>Military</u>									
Accommodation for Native Infantry Regt.	Trincomalee Cottah	1 Latrine for males and female in the lines of the 37th Regiment Native Infantry with latrine store and cart shed	2600	"	"	2600	"	1	An Approximate Estimate was called for by Brigade Major in July 1873 & was furnished accordingly.
ditto	Shoismady Quilon	2 Pier lines with tiled roofs for a Native Infantry Regiment	120000	"	"	10000	"	2	ditto — ditto
ditto	do do	3 Latrine for Native Regt. ment with wells	3150	"	"	3150	"	3	ditto — ditto
Auxiliary accommodation	do do	4 New Magazine for the Native Regiment	3560	"	"	3560	"	4	
Minor works	" "	5 Minor works	3786	"	"	3786	"	5	
Total Military						23096			

By G.O. No. 794 on the charge of British works Item No. 2,384 at Quilon.
28-3-77
and Alappay devotes on the District Engineer Malabar

Locality

Project & works.

Civil Buildings

N.E.

Miscellaneous Public

Improvements.

Aril

Abstract of the Charges
provided above.

Military —
Civil Buildings —

Lail—

Sixth Paper Office Lin 40
 Palamcottah 18 October
 1877.

Remarks & References

104

Amount of estimate	Outlay	Frank 1878-9
Actual & to end of 1876-7	Possible during 1877-8	Normal
		Special
		Items to

General

Conto: 100

10

23096

28

23096

22.

● ●

23096

•

23096

J. D. Grant
Offg. Secy. of the Eng. Div.

Imperial Budget
for 1878-79

From
The Offs. with Cap.
Dinner & Co.

To,
The Chief Engineer &
Secy to Govt.
P. M. S.
Madras

G.O. No 8584/221-2/3

Dated 18th October 1877
Recd.

Part I

Detail of the Budget
Estimate of original
works Imperial
Buildings & Roads
for the year 1878-79.

Estimate Civil Services for the year ending 31st March 1879.

IX. Miscellaneous.

Actuals	Estimates
1876-77	1877-78 1878-79
24,450	24,450
	9,058
	6,000
	Surplus 13,058

Repair of Government Roads.

made up as follows. Vide Order of Government
P.W. Dept. No 2690 dated 5th October 1876.

From Provincial Funds

— " — Military Funds

Municipal Commissioners Office
Madras 28th September 1877.

L. R. Murray
Acty President
Municipal Commission

From

L. R. Burrows.

Acting President Municipal Commission

To

The Secretary to Government
Public Works Department
Fort St. George

Sir

Dated 15th April 1878
No 289 Pub Dept.

With reference to the Proceedings of
Government noted in the margin, I have
the honor to forward herewith a Budget
Estimate of the charges of this department
against Government for the repair of
Government Roads for the official year
1878-79

I have the honor to be

Sir
Your most Obedient Servant

L. R. Burrows

Acting President Municipal Commission

From,

La R. Bourgeois Esq^r

Alfredson

Minneapolis

To

The Secretary to Genl.

Public Works Dept.

City of St. Louis

March 28th

Sept^r

Enc^d 100 lbs.

\$100.00

Forwarded Budget
Statement of charges of the
Refining of Iron & Steel
for the year 1898/99.

GO 90.858/21-27

Part I

Detail of the Budget Estimate of Original Works Imperial Buildings and Roads of Viragapatam District for 1878-79

Head of Classification	Executive Division	Locality etc.	Projects and works	Amount Outlay			Grant 1878-79	Remarks and References.
				Estimate of 1876-77	Actual during 1877-78	Probable Normal Special etc.		

108

Minor Works Vizianagram — 1. Military
Minor road works — 548 600 800 — 1

District Engineer's Office
Mallab 5th October 1877

Approved Major R.E.
District Engineer, Viragapatam

109

Part I

Detail of the Budget
Estimate of original
Works, Imperial, Build-
ings and Roads of Viraga-
patnam District for 1878-79.

Part II

Detail of the Budget Estimate for the repairs, Imperial, Buildings and Roads, for the year 1878-79

Head of Classification	Division	Locality	Estimate 1878-79		Estimate 1877-78	
			Amount	Total	Amount	Total
Accommodation for Troops.	Marianagran	Military			110	
European Infantry		Annual Repairs	150		150	
European Artillery		" " "		150		150
European Cavalry		" " "				
Native Infantry		" " "				
Native Cavalry		" " "				
Buildings for Officers		" " "				
Post Houses		" " "				
Ordnance Works		" " "	100	100	100	100
Commissariat Buildings		" " "	100	100	100	100
Staff and Miscellaneous		" " "	150	150	150	150
		C.O.		150		150
				1100		1000

Part II

Detail of the Budget Estimate for the repairs, Imperial, Buildings and Roads, for the year 1878-79

Detail of the Budget			Estimate 1878-79		Estimate 1877-78	
Head of Classification	Division	Locality	Amount	Total	Amount	Total
			Other Services			
			Civil Buildings			
Post Office	Golconda	Annual repairs to Post Office Buildings	50	50	50	50
		Do Do Do	100	100	100	
Do	Vizianagram			100		100
				150		150
Light Houses	Tizianagram	Sanitapilly Annual repairs to Marine Building	100	100	27	27

192

District Engineer's Office
11th Dec 5th October 1877

Approved Major R.E.
District Engineer, Coimbatore

Part II

Detail of the Budget
Estimate for the Repair
Imperial Buildings and
Roads, for the year
1878-79.

Part IV
Detail of the Budget Estimate for Tools and Plant,
the Vizagapatam District for 1878-79

Budget Estimate 1878-79	Budget Estimate 1877-78
-------------------------------	-------------------------------

Military

Vizianagrum Division

New supplies	100	0
Repairs and Carriages	400	400

District Engineer's office
Waltair 5 October 1877

Approved Major R.E.
District Engineer, Vizagapatam

Part IV

Detail of the Budget
Estimate for Tools and
Plant in the Vizagapatam
District for 1878-79.

GO 8584N 21-2-78

Enclosure in a letter
No. 2197 dated 9 October 1877
from the Off. Secy. Engr.
Godavery

GO 8584N 21-2-78

119

Imperial Buildings and Roads.

Godavery District. Part I

Detail of the Budget Estimate for original Works, Imperial Buildings for the year 1878-79.

Head of Classification	Executive Division	Locality	Item No.	Projects and Works.	Amount of Estimate	Outlay		Grant 1877-78		Item No.	Remarks & References.
						Actual to end of 1876-77	Probable during 1877-78	Normal	Special		
									Total normal head-		
<u>Other Services.</u>											
<u>Civil Buildings</u>											
Telegraphs	Eastern Delta Division	Cocanada	1	Constructing a Range of Quarters for the telegraph signallers	22,311				12000	1	Estimate submitted to the Inspector General of Telegraphs.
Minor Works			2	Minor Works				300		2	
									12,300		115

J. Peatty, Major R.E.
Offg. Superintending Engineer, Godavery

Imperial
Buildings & Roads. Godavery District
Part II
Detail of the Budget Estimate for repairs, Imperial Buildings
and Roads for the year 1878-79.

Head of Classification	Division	Locality	Items	Estimate 1878-79		Estimate 1877-78	
				Amount Rs.	Total Rs.	Amount Rs.	Total Rs.
			<u>Other Services</u>				
			<u>Civil Buildings</u>				
Post office	{ Eastern Delta Rajahmundry	Coanada	Annual repairs to	1			
			Post office buildings	100		100	
			Do	300	400		100
Telegraph	{ Eastern Delta Rajahmundry		Annual repairs to				
			Telegraph buildings	250		250	
			Do	400	650	200	450
			Total Civil buildings		1050		650
			<u>Miscellaneous Public Improvements.</u>				
Light House	Eastern Delta	Koproland	Annual repairs to				
			Light House & build- ings	300			
			Under Q.A. No 312 W of 27/6/77	300			
			Total Misc. Public Improvements		300		
			Total other services		1350		650

Part IV
Detail of the Budget Estimate for Tools and Plant for Imperial
Buildings and Roads for 1878-79.

Other Services		Budget Es- timate for 1878-79	Budget Estimate for 1877-78
Godavery - Eastern Delta -	Repairs & Carriage	300	182
J. Beatty - Major R.E.			

Imperial ——— Krishna District ———
Buildings & Roads ——— Part IV ———
Detail of the Budget Estimate for Tools & Plant for
Imperial & Roads for 1878/79 ———

	Budget Estimate 1878/79	Budget Estimate 1877/78
<u>Military</u>		
<u>Mil.</u>		
<u>Other Services</u>		
Eastern Delta Repairs & Carriage	50	100
Total other services	50	100
Total Military & other services	50	100

Superintending Engineers
Mandala Patam
29 September 1877
Received 1st Oct 277.
In acted Major R.E.
Superintending Engineer
Krishna

Mk.

118.

From
The Superintendent
Engineering, Rikha

To
The Chief Engineer
Public Works
Dept.

Dated 29 September 77
Received 1/10/77

Received

Part II

Budget Estimate of
Works and Plant Imperial
for 1878/79 Rikha Dist

Imperial Rikha District
Buildings & Roads Part II
Detail of Budget Estimate for Repairs Imperial Buildings
& Roads for the year 1878/79

Head of	Division	Locality	Items	Estimate 1878/79	Estimate 1877/78
Passage				Amount	Total
Cabin				Amount	Total

Military

Artillery

Other Services

Civil Buildings

At Office Eastern Mazmaza Annual Repairs to
Delta Port Office Buildings 100

Gunton Gunton De 50

Suggraft De 50 200 100

Telegraph Eastern Mazmaza Annual Repairs
Delta to Telegraph Buildings 50

Mazmaza De 100

Gunton Gunton De 50

200 200

Total Civil Buildings - 400 300

Miscellaneous

Public Improvement

Light Eastern Diver Annual Repairs
Houses Delta to Light house 250

250

Grand Total 650 300

As Grants for 1877/78 viz Rs 300 are not
sufficient, certain estimates are still lying
unsanctioned for want of funds.

Superintending Engineer
Mazmaza
29 September 1877
Received 1/10/77

John Astle
Superintending Engineer
Rikha

Imperial Buildings and Roads

British District

Part I

Detail of the Budget Estimate of Original works Imperial Buildings & Roads for the year 1878/79

Head of Expenditure
Classification Division Locality As Project and works

Amount Outlay Grant
of Actual Budget
Estimate to and from original estimate
1876/77 71/48
1878/79 1878/79
1876/77 71/48

Military
Artillery

Telegraph Eastern, Communication

Estimate awarded from Divisional Officer's authority

Civil Engineering
Telegraph Office } 1000
Roads } 1000

Height - 80 -

Obstructions Public
Instruments
Height of water } 6000
Height of water } 6000

Grand Total

7000

Estimate will be kept short by Budget page 33 of 1878/79 -

Administrative Expenses: No. 10. All the Budgets were forwarded on the 27th August 1878. The Budgets were forwarded on the 27th August 1878. The Budgets were forwarded on the 27th August 1878.

From
The Superintending
Engineer Resident

To
The Chief Engineer
Public Works
Dept.

Dated 29th September 1877
Respectfully
Resubmitted

Part II
Budget Estimate of Repairs
Imperial Buildings and
Roads for 1878/79
British District

From

The Superintendent
Engineering District

To

The Chief Engineer
Public Works
Alaska

Dated 29th September 1897

Despatch 1st Oct 1897

Part I

Budget Estimate of
Original Works Inspected
Buildings & Roads for
1898/99. Yastus District

G.O. No. 855 W 821-2-78

119

Encls. letter No 67 of 29-9-77.
The Chief Engr. 1874.

From

The District Engineer
Gauhati

To The Chief Engineer
D. P. W. Madras

Dated 29th September
1877
resp

Imperial
Buildings and Roads
Government of Madras.
Gauhati District.

Part I

Detail of the Budget Estimate
Original Works. Imperial
Buildings and Roads for the
Year 1878-79.

List of Salt Works proposed
to be carried out in 1878-79

File

J. Harris
District Engineer

No 195

170

From The Deputy Collector
In Charge of Salt Department
Gauhati

To The Officiating Collector of
Gauhati.

Dated Gauhati 7th September 1877

Sir,

With reference to your letter dated
3rd instant No. 166, I have the honor to
report that there are no new works to be
constructed during 1878-79 and the
repairs will be executed by the Salt
Department.

Sham
(Signed) R. Durma Rao
Deputy Collector

No. 3054.

Communicated to the District Engineer,
with reference to his for note No 166 dated
22nd ultimo -

Camp Akka
13 September 1877
Sept 19th - do

(Signed) J. G. Horsfall
Offs Collector Gauhati

J. Harris
District Engineer Gauhati

Encls. to letter No 67 of 29-9-77
to the Chief Eng. S. 15

No 67

District Engineer's office Ganjam
Camp. Chicacole
29th September 1877.

From The District Engineer
Ganjam

121

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

Sir,

Encls. 1 Letter.

With reference to the Deputy Chief
Engineer's Memorandum No. 2133 dated 2nd
August 1877. I have the honor to submit
herewith after communication with Collector,
a list of Salt works proposed to be carried
out for 1878-79 with a copy of Collector's No.
3054 of 13th September 1877 for your informa-
tion -

I have the honor to be
Sir,
Yours most obed^t Servant

J. Harris
District Engineer Ganjam

From
The District Engineer
Panama

To The Chief Engineer
S. P. L.
Panama

Dated 27 Sept 77

Recd 11 October 1877

Res

Ans by

Encl. 2.

Part I. Imperial Budget

Salh. Works - for 1878-79

Submits a list of the -

G. O. n 8587 of 2-78

197

Imperial. Roads and Buildings. Bangalore
Detail of Budget Estimate of Original

Executive
Division

Projects.

No. Locality

Description

Military. Original Works.

Accommodation for European Artillery

1. Bangalore Quarters for Quarter Master General

Accommodation for European Cavalry and Artillery

2

D^o

Drainage Agram Barracks

Accommodation for Native Infantry

3

D^o

Drainage for N. I. Lines.

Ordnance Building

4

D^o

Providing Racks in the Ordnance Gunpowder Magazine. For 4

Military Roads.

5

D^o

Road from Trinity Church to Agram Barracks.

6

D^o

Remetalling certain roads in the Cantonment of Bangalore carried over

Bangalore

District
Works. Imperial. Buildings and Roads. 1878-79.

Amount Computed
 Estimate of Expenditure up to 31st March 1878 for 1878-79
 Remarks or References.

4,220

4,220 G.O. No. 1670 of 14th June 1875.

40,400

19,289 21,110 G.O. No. 311 of 10th February 1874.

14,400

9,669 4,730 { G.O. No. 126 of 26th May 1873.
 G.O. No. 431W of 17th July 1877 and
 G.O. No. 24W of 4th September 1877.

2,560

2,560 G.O. No. 2625 of 28th October 1873.

9,200

9,200 G.O. No. 1541 of 11th June 1874.

6,000

6,000 Lt. Mr. Genl. No. 34 of 4th May 1874.
 47,820

Continued
Division

No. Locality Projects Description Amount Computed Estimate of Expenditure up to 31st March 1873 for 1878-79. Remarks or References.

Brought forward

47,820

Miscellaneous Military

Aggregate
65,598

7 Bangalore Additions to Ulsoor Water Works

1. Iron roof to Cistern at Bakery

4,230

4,230

2. — Do — to Ulsoor Bazar

10,450

10,450

3. — Do — to Agram Bazar

16,520

16,520

G.O. No. 589 W of 16th August 1877.

Works the cost of which is between 100 and 2500.

7 Works

6,203

Minor New Works

3000

Total

88,223

Other Services

Til

District Engineer's Office
Bangalore 15 October 1877

Henry M. Part Major R.E.
District Engineer

124

78

1898-99-
Amount Total Amount

✓

Total Imperial Repairs	64,958	64,958	64,958	64,958
------------------------	--------	--------	--------	--------

Henry West - Major
District Engineer

Roads and Buildings

From

The District Engineer
Bangalore

To The Chief Engineer
R.P.W.
Roads & Buildings
Madras.

Dated 6th ^{October} ~~September~~ 1877.

G.O. No. 858 W 21-2-78

Details of Budget
Estimate - Imperial
Buildings & Roads
for 1878-79.

PUBLIC WORKS DEPARTMENT.

From the Govt. of India No 18-33 A.G. d/8th Jan'y/78

" do " 36-55 A.G. - 9th -

" do " 62-83 A.G. - 11th -

FOR ORDERS.

The papers re-
garding the Imperial
Budget, Buildings and
Roads Branch, are re-
circulated with the follow-
ing remarks:-

The grants fixed by
the Govt. of India are as
follows:-

Military	Rs. 7,50,000
Other Services	1,71,288

which it is proposed to
distribute as shown

Approved specially.

20/1.

20/1

13/2

Belton.

Militanz

Original Works — Rs 342,000

Repairs ————— 250,000

Establisement — 148000

Tools and Plant - 10,000

Total Military 7,50,000

Other Services

Postal Works ————— No. 18000

Telegraph de _____ 15,000

Salt Works _____ 80,000

Light-houses ————— „ 22250

Établissement — 33810

Tools and Plant 3230

Total Other Services 171,288

The total of the items under "Original Works, Military," not struck out by His Grace the Governor, amounts to Rupees 3,04,779 or Rupees 3,23,000 below the amount proposed to be

* Includes a Reserve of
Rs 155,580.

I understand that the
 the fact is offered to the
 necessity of the side
 A. W. I. I think also
 I. W. R. - however
 offered to the fact

Haplochromis
 cannot be supplied from
 within. But if a lot
 is ordered for the year
 is also offered to the
 public at a discount
 of 25% on the list price
 of \$1.00 per gallon
 for the year

appropriated to Original Works.
In the amended Budget,
Rs 31,650 on account of land
for the Poodoofet lines,
struck out by His Grace,
have been retained as the
acquisition of the land
has already commenced
during the current year,
and Rs 20,000 will prob-
ably be spent - His
Grace was not probably
aware of this circumstance
when eliminating the entry.

With reference to
His Grace the Governor's
remarks on the separate
Memo. accompanying it
is noticed that the grant
for Military repairs
was originally allowed at

FOR ORDERS.

on regular estimate, and with reference not to the number of troops but to the number and condition of the buildings to be maintained - and the proposed grant for next year does not exceed the amount made available during the current year, being 2,50,000 in each case.

But the estimate for 1878-79 is commensurate with the number of troops.

but estimate appears to be a building in one year 50 years - & I apprehend sum is just from year to year with no regard to the needs of particular buildings.

but we have no civil buildings at Bangalore.

The total grant includes Repairs of Civil Buildings Rs. 31,250. Thus the arithmetical deductions made by His Grace do not accurately represent the case. The figures 2,69,000, the grant for 1877-78, and 2,81,250 for 1878-79, both include Repairs of

W.R.

18-33 A.G. dated 8th Jan'y 1878.

Civil Buildings. The increase is mainly due to the provision now made in the Public Works Dept. for Repairs of Salt Buildings hitherto provided for or maintained in the Civil Budget.

In para 5 of the Govt. of India Resolution, a statement of proposed reductions of not less than 20 per cent of the provisional allotment for works is called for.

The amount allotted to works is Rs 592,000, and 20 per cent on this will amount to Rs 1,18,400, to meet which the following reductions may

be proposed to the Govt
of India.

		Rs
Bangalore	Hospital Sergeants Quarters for the third Pavilion Race Course	5,700
Wellington	Completing the third block Married Quarters Addition to the Hospital Guard Room for prisoners	3,720
Bangalore	Providing Racks in the Ordnance Gunpowder Magazine	4,590
Presidency	Enlarging existing Quarters of Millman and Supervisors for residence Messrs Worker and Master Refiner at Gunpowder Factory	2,560
Bangalore	School House and furniture for 4 Native Infantry Regiments	5,000
Bellary	Water Supply Project	4,800
Bangalore	Additional Works in connection with Ulsoor Water supply project	4,000
Do	Improvements to Dumbur Tank	20,000
Wellington	Drinking water supply to be conveyed in pipes from outlet to the lower story of each block of Barracks	10,000
	Minor Works	2,150
		55,880
	Total Rupees	1,18,400

As His Excellency the
Commander-in-Chief is
not in Madras, the
Budget lists will ap-
pear to be disposed

of without waiting. The
issue of the Budget is
already late and has
now been emergently called
for by the Govt of India.

Other Services.

In His Grace the
Governor's list the Post
Office at Combaconum
is proposed to be omitted,
but the Govt of India
having made a specific
grant of Rs 4,000 for
it, it is presumed the
work will be allowed
to stand.

Under Salt the
grant made by the
Govt of India is Rs 8,000.
The selection of works to
make up this amount
is

The present allocation
of Rs 1,18,400
is for the year 1881-82
and the balance of
Rs 1,18,400 is for
the year 1882-83.

1/10/82

is left to this Government.
The total of the demand
after omitting the works
disapproved by the Governor,
amounts to Rs 96,350 or
Rs 16,350 more than the
grant. It is proposed
to make slight reductions
in the amounts applied
for by District Engineers
so as to bring the total
of appropriations to the
amount of the grant -
vide pencil alterations in
Budget.

Edw. M. Colman R.E.
Secy. to Govt. P.W.D.

19 Jan 1878

Imperial Budget List
Buildings & Roads
1878-79
10/1/78
10/1/78
10/1/78

Imperial "Buildings and Roads"
Budget List for 1878-79.

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FOR ORDERS.

The above lists are
circulated as directed.

Under "Original Works"
Easy — 6,59,170
Postal — 63,000
Telegraph — 1,20,000
Salt — 2,01,350
Miscellaneous Pub. Improvements } 81,000
Total 11,24,820

Under "Repairs"
Military — 2,50,000
Civil Buildings { Postal 5,000
Telegraph 5,000
Salt 20,000
Miscellaneous Pub. Improvements } 1,250
Total 2,81,250

The demands under
"Repairs" have been
considered in detail,
and do not apparently
admit

FOR ORDERS.

Secy: Government

Deary

The Phil. Soc. has been
 reported to H. S. the
 & H. S. the (inf.)

The feasibility of undertaking
the project depends on the
Govt. allotment.

The Harigaulti looked good on 2
5000 is a large haul for the
year - Police boats are
said for 8 cent-ones

27/12. Paper not done
better it is intended
revise the Notes.

21/12 2007

The advance is very large in last years estimate - but no papers are put up to show under what head it has occurred.

The Military portion
can only be Scrutinized -
Not Dept. of Reduction
or suspensions are de-
terminable in 1 Paper

variable
In civil Papers
can be postponed - Salt
Animals must be kept
from 5 to 10 miles

Thin -
 Middle Miss works
 Possibly Imperial Fluvial
 Co Canada Cause and the
 lost ones (40000) The last
 found portion is directed

Serial Budget-
List..

are gone through
these lists. The
original works are
great extent
tional, & can
only be deferred,
although improve-
ments they do not
seem to be essen-
tial and I have
list of them that
might apparently
be deferred, for
the consideration
of His Excellency the
Governor in Chief.

turning to Part II.
paired it is
that they
be well considered

in detail and can
 not be reduced, nor
 do the lists give
 any data for
 doing so: but
 they do appear
 to me to indicate
 that there must
 be something fun-
 damentally wrong in
 the structures, or
 in the system
 which entails such
 an high annual
 cost of repair with
 a large outlay in
 our buildings in
 successive years.
 The transience
 is increasing, altho'
 the numbers of the
 force are not increasing.

The number of
 buildings
 in the
 of the
 of the

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The report at the
 Mount Combe:

R.A.	337
N.I.	186
and	
at Palmeram:	
Veterans.	80
N.I. Depot.	523
	<u>1126</u>

and the repairs
 are estimated at
 £23,650, or a fraction
 over 21 Rupees per head.

At Jellary the
 Garrison is:

R.A.	157
P.I.	859
N.C.	387
N.I.	1387
	<u>2784</u>

The repairs are esti-
 mated at £23,020,
 or a fraction over
 20 Rupees per head.

At Bangalore the
Farrison is:

R.B.	480
B.G.	467
B.I.	629
N.I. (A.B.)	2314
	<u>3890</u>

and repairs are
estimated at ~~Rs~~ 54,858
or upwards of ~~Rs~~ 14
per head, besides a
very considerable ex-
penditure in buying
drains with stone
& drainage generally.

At Calicut for
94 men repairs
are estimated at
~~Rs~~ 3200, or ~~Rs~~ 34
per head, not inclu-
ding a sum of
~~Rs~~ 2700 to be con-
tributed in re-flooring
Verandah, & officers
rooms, which for
some reason are

* This work being one
of extensive improvement, called "Original
works" under the category
of "Original Works" ^{11th} 1911-12. "Repairs".

The Grant needed
this year according
to these figures has
increased from
~~Rs~~ 269,000 last year to
~~Rs~~ 281,250 this year,
and the question of the
continuity of repairs
seems to need the
serious attention of
the officers concerned.

By 14/1

Imperial Draft estimate
1870-79. Railways
& Roads Branch. New York.

On going over these lists
it appears to me that
under present financial
pressure the unarmen-
ted ^{military} workers might with
the concurrence of the
Commander-in-Chief
be deferred.

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Locality	Work	Amount	Remarks
Mangalore	Painting on a wall N.H. building	4,320	It has been ordered in 1870. Some the wall is on the and discrepancies have sprung all past years?
Trichingopoly	Rebuilding N.H. Bazaar	4,000	No additional strength. Hence, it couldn't be let for now. Then a <u>store</u> .
Chinnamallu	Double stone Bazaar	3,50,370	Are these buildings want, and are while stone is available for invalids?
Tannore	Painting over pictures of Bhagavath	4,430	Ordered in 1875. The cost may be billed as heretofore.
Mangalore	Quarters for student - medical officer	5,640	Ordered in 1871. May be deferred
Wellington	Post House to Wash houses	3,000	Ordered in 1874. May be deferred.
"	New wash houses, drying & washing exposed. &c.	3,500	May be deferred.
Presidency	Pondickett Venues and ground.	50,000 57,655	May be deferred.
Mangalore	Two magazines for N.I.	6,790	Ordered in 1873. Not urgent
Quilon	New magazines for N.I.	3,500	Not urgent.
		571,965	37

Residency.

Gun Powder Factory	
Purveying & Ammunition	16,500
Drummers House	
Pressing & Ammunition	57,300
Artillery & Ammunition	
House	
Shedding & Ammunition	96,700
House	
Gun Carriage Factory	5,500
Manufactured with	
Ammunition	
Gun Powder Factory	
Ammunition	10,000
Ammunition	5,000

This is probably in excess of the present
requirement & I have been estimated
with regard to the want when the whole
of the present new machinery
& also the new provided

Can they not use existing
schools for another year?
Ordered in 1874. Defor.

Bengalore.	School for	75,900
	R. S. & P. A.	11,700
	Road between	
	Trinity Church	9,200
	& Ammunition	
	Total.	773,800

38

The following Civil
Buildings ^{& works} might also
be referred:

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Bombay	New Post Office	4,000
Madras	Telegraph Office	10,000
Mysore.	Minister's Office	
	New road from near Cavalry	10,000
"	Prison fund.	
"	Road to Nann- pally.	5,000
"	Ditto (cancel to talk pass)	40,000
"	Marigosschi project.	50,000
	Total.	<u>119,000</u>

Nos. 62—83 A—G.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.

ACCOUNT.

General.

To

THE GOVERNMENTS OF MADRAS, BOMBAY, BENGAL, NORTH WESTERN PROVINCES AND
ODDH, AND PUNJAB, IN THE PUBLIC WORKS DEPARTMENT, GENERAL AND
IRRIGATION BRANCHES.

THE CHIEF COMMISSIONERS OF THE CENTRAL PROVINCES, BRITISH BURMAH, MYSORE
AND COORG, AND ASSAM.

THE RESIDENT AT HYDERABAD.

THE AGENTS TO THE GOVERNOR GENERAL FOR CENTRAL INDIA AND RAJPOOTANA.

THE SUPERINTENDENT OF PORT BLAIR, AND CHIEF COMMISSIONER, ANDAMAN AND
NICOBAR ISLANDS.

~~THE DIRECTOR GENERAL OF TELEGRAPHS.~~

THE INSPECTOR GENERAL OF MILITARY WORKS.

THE SUPERINTENDING ENGINEER, SIMLA IMPERIAL CIRCLE.

THE AGENT, GOVERNOR GENERAL, BELOOCHISTAN.

Fort William, January 11, 1878.

SIR,

With reference to the orders distributing the Public Works grant
for 1878-79, forwarded to you as Nos. 18—33 and 36—55 A—G, dated, respec-
tively, 8th and 9th January 1878, I am directed to observe that the delay which
has occurred, however unavoidably, in the promulgation of those orders makes
it necessary that no more time should be spent than is absolutely requisite in
the preparation and submission of the detailed Budget-Estimates. I am
therefore to request that the estimate for *Buildings & Roads in Madras* may
be treated and expedited as a most urgent document.

I have the honor to be,

SIR,

Your most obedient Servant,

W. L. M. Jones

Depy. Secy. to the Govt. of India.

No. 62 A.G.

*To the Secretary to the Govt. of Madras
P. B. Department*

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT

ACCOUNT,
General.

To

The Governments of Madras, Bombay, Bengal,
North Western Provinces and Oudh, and
Punjab, in the Public Works Department,
General and Irrigation Branches.

The Chief Commissioners of the Central Pro-
vinces, British Burmah, Mysore and Coorg,
and Assam.

The Resident at Hyderabad.

The Agents to the Governor General for
Central India and Rajpootana.

The Superintendent of Port Blair and Chief
Commissioner, Andaman and Nicobar
Islands.

The Director General of Telegraphs.

The Inspector General of Military Works.

The Superintending Engineer, Simla Imperial
Circle.

The Agent, Governor General, Beloochistan.

Nos. 62—83 A—G.

Dated January 11, 1878.

Received

Directing early submission of detailed Budget-
Estimates for 1878-79.

No. 35, P. W. D. Press—11-1-78—122.

Nos. 18—33 A—G.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.

ACCOUNT.

General.

Fort William, January 8, 1878.

Distribution of the grant for Military Works for 1878-79.

Read the following papers:—

Letter from Secretary to the Government of Madras, No. 825 W, dated 1st October
1877.

Ditto ditto of Bombay, No. 166 A—1209, dated 13th September 1877.

Ditto ditto of Bengal, No. 213 T, dated 6th October 1877.

Ditto ditto of North Western Provinces, No. 624 A—C, dated 6th October 1877.

Ditto ditto of Punjab, No. 765 C, dated 16th October 1877.

Ditto ditto of Chief Commissioner, Central Provinces, No. 5573, dated 16th October 1877.

Ditto ditto of British Burmah, No. 3892—93 A, dated 5th October 1877.

Ditto ditto of Assam, No. 1431, dated 2nd October 1877.

Ditto ditto of Assam, " 1580, " 10th November "

Ditto ditto to the Resident at Hyderabad, No. 372 G—A, dated 15th September 1877.

Ditto ditto to the Governor General's Agent, Rajputana, No. 2634 S, dated 4th October
1877.

Ditto ditto, Central India, No. 3499, dated 8th October 1877.

Ditto ditto to the Chief Commissioner of Coorg, No. 4411, dated 23rd October 1877.

Ditto ditto ditto of Port Blair, No. —, dated 31st October 1877.

Ditto ditto ditto of Port Blair, No. —, dated 31st October 1877.

Ditto from Inspector General of Military Works, No. 6489, dated 2nd October 1877.

Ditto ditto ditto No. 6788, dated 17th October 1877.

RESOLUTION.—The requirements for Military Works have to be considered
under two categories, viz., demands for outlay under the Inspector General of
Military Works, and those for expenditure under Local Governments and
Administrations.

2. Compared with the grant allowed for 1877-78, the figures for 1878-79
may be abstracted as follows:—

	Demand, 1878-79.	Grant, 1877-78.
	Rs.	Rs.
I.—Demands for Native troops in the stations under the Public Works Department of Bengal, North Western Provinces, Punjab, Assam and Coorg ...	5,32,453	4,42,250
II.—Demands for European and Native troops of the Madras and Bombay Armies, and for Native troops in other Provinces ...	94,22,625	46,27,000
III.—Demands for works under the Inspector General of Military Works ...	72,64,600	72,50,600
Total ...	1,72,69,683	1,23,19,850

3. In the present resolution the demands made by the several Local
Governments and Administrations will only be dealt with, the figures pertaining
to the statement of requirements submitted by the Inspector General of Military
Works being, as is usual, reviewed separately. Adopting this arrangement,

the following table shows how the sums of Rs. 5,82,458 and Rs. 94,22,625 = Rs. 1,00,05,083, under heads I and II in the above abstract, are broken up, arranged according to Provinces, and compared with the grant allotted for the current official year:—

Province.	DEMAND 1878-79.								Grant for 1877-78 and provisional allotment for 1878-79.
	Works in progress.	New Works.	Minor Works.	Repairs.	Establishment.	Toils and Plant.	Revenue Department.	Total.	
I.—Demands for Native troops in the stations under the Public Works Department of Bengal, North Western Provinces, Punjab, Assam and Coorg—									
Bengal	Rs. 2,570	Rs. 19,978	Rs. 6,000	Rs. 25,200	Rs. 14,012	Rs. 841	Rs. ...	Rs. 70,001	Rs. 61,250
North Western Provinces	...	(a) 11,784	1,958	18,621	6,670	...	...	40,072	40,000
Punjab	58,500	81,500	40,000	96,000	60,000	2,800	6,000	8,51,400	2,77,000
Coorg	...	3,000	2,000	5,000	3,019	256	...	18,275	13,800
Assam	33,500	11,500	19,000	23,000	15,250	915	1,645	1,03,810	50,200
Total	94,570	1,29,762	67,988	1,69,121	1,07,969	4,812	5,245	5,82,458	4,12,250
II.—Demands for European and Native troops of the Madras and Bombay Armies, and for Native troops in other Provinces—									
Madras	1,04,000	3,96,000	1,50,000	2,50,000	2,25,000	30,000	...	11,53,000	7,50,000
Bombay	7,74,719	30,75,252	1,50,000	4,80,000	10,30,000	67,000	...	55,77,000	17,01,750
Central Provinces	96,900	2,41,608	52,900	83,400	1,11,847	6,680	6,700	5,78,625	4,65,000
British Burmah	(b) 1,68,000	...	...	...	...	4,000	...	3,70,000	3,16,000
Hyderabad	3,67,000	1,00,300	60,000	60,000	97,000	5,700	...	7,00,000	5,46,000
Rajputana	31,000	1,19,700	25,000	83,500	75,000	2,500	...	3,44,700	3,49,550
Central India	88,600	3,12,500	40,000	85,000	1,00,000	3,000	...	6,69,000	4,23,400
Port Blair	11,400	6,400	4,000	3,000	12,000	1,500	...	38,300	75,000
Total	69,45,309	...	...	...	...	...	...	94,22,625	46,27,000
Grand Total	61,63,649	...	...	...	...	...	...	1,00,05,083	50,60,250
(a) — The ...									

(a)—The provision of Rs. 11,784 is meant for the lock hospital at Allahabad, but the question is now under consideration whether the building should not be constructed by the Military Works Branch: so that, until a final decision on the point is arrived at, it will be premature to allot funds for the work. The work, therefore, should be excluded from the Budget.

(b).—Details not given.

4. The demand for 1878-79 is in excess of the allotment for 1877-78 by nearly 49½ lakhs. But the grant for Military Works is rigidly fixed. It is therefore imperative that the demands for next year should be reduced so as to accord with the grant allowed for the current official year; and in this view, the several Local Governments and Administrations are requested to distribute allotments equal to the grants of the current year, which are now provisionally placed at their disposal, as circumstances may require; subject to the condition that, after fully providing for the completion of works in hand and repairs, preference is to be given to works connected with—

Hospital improvements.
Drainage, and
Water-supply.

5. In order to meet any possible necessity for reduction of expenditure, the several Budget-Estimates to be submitted should be accompanied by a statement of the allotments provided for therein which can be reduced or disallowed with the least serious inconvenience. The total amount of the statement of such possible reductions must not be less than 20 per cent. of the provisional allotment.

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

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

Marked here

Deputy Secy. to the Govt. of India.

No 18. AG.

To the Secretary to the Govt of India.
P.D. 27/10/1878.

100

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.

ACCOUNT.
General.

To

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

Nos. 18—33 A—G.

Dated January 8, 1878.

Received

Distribution of the grant for Military Works for 1878-79.

No. 3A, P. W. D. Press—8-1-78—450.

Nos. 36—55 A—G.
GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
ACCOUNT.
General.

Fort William, January 9, 1878.

Distribution of the Imperial grant for Other Services for 1878-79.

Read the following papers :—

Letter from Secretary to Government of Madras, No. 825 W, dated 1st October 1877.
of Bombay, Nos. 1661—1209, dated 13th September 1877.
of Bengal, No. 213 T, dated 6th October 1877.
of " " 891 A, " 23rd " "
of " " 887 " 19th " "
of N. W. P., " 624 A—C, dated 6th " "
of " " 655 A—C, " 10th " "
of Punjab, " 765 C, " 16th " "
to Chief Commissioner, Central Provinces, No. 5573, dated 16th October 1877.
to " " Central Provinces, No. 5901, dated 1st November 1877.
to " " British Burmah, Nos. 3802—93 A, dated 15th October 1877.
to " " Assam, No. 1431, dated 2nd October 1877.
to " " Coorg, Nos. 1944—3221, dated 13th October 1877.
to Resident, Hyderabad, No. 372 G—A, dated 15th Sept. 1877.
to Governor General's Agent, Rajpootana, No. 2634 S, dated 4th October 1877.
to " " Central India, No. 3449, dated 8th October 1877.
Superintendent, Port Blair, No. —, dated 31st October 1877.
Inspector General, Military Works, No. 6489, dated 2nd October 1877.
Director General of Telegraphs, No. 220A—T, " 17th " "
" " 232A—T, " 7th September 1877.
" " of Post Offices, " 4138 " 13th October " "
" " Financial Department, No. 3390, dated 27th September 1877.
" " " 3509, " 9th October " "

RESOLUTION.—The total of the amounts demanded by the several Local Governments and Administrations for 1878-79 for the Imperial Public Works under Other Services is ... Rs. 41,20,380

To this must be added the following items :—

- I.—Provision for dredging the Kurrachee Harbour, the amount asked for being only Rs. 40,000, whereas Rs. 1,00,000 was what the Government of India said should be provided ... 60,000
II.—Provision for a Hopper Steam Dredger for the Kurrachee Harbour Works to be ordered from England, (2 lakhs to be paid in 1879-80) ... 2,00,000
III.—Provision from Government funds as a final charge for the water works at Simla ... 1,00,000
IV.—Provision for Government House Buildings at Simla.

	Rs.	
New Government House ...	2,00,000	
Repairs ...	20,000	
Establishment ...	50,000	
	<hr/>	2,70,000

The total of these is ...	...	47,50,380
Whereas the grant for 1877-78 is only ...	...	32,34,650
So that there is an excess of ...	...	15,15,730
to be dealt with.		

(2)

2. The Government of India is not in a position to provide for this large addition to the grant, and it is therefore necessary to reduce the demands for next year by Rs. 15,15,730. In this view the following reductions are suggested as the most advisable:—

	Works.	Establishment.	Tools and Plant.	Total.
	Rs.	Rs.	Rs.	Rs.
<i>Telegraph Buildings.</i>				
Telegraph Office at Madras	1,00,000	25,000	1,500	1,26,500
" " at Ontaragund	10,000	2,500	150	12,650
Water-supply, gas and drainage for Signal- lers' quarters at Bombay.	10,000	2,300	150	12,450
Telegraph Office, Commillah	12,000	2,500	190	14,690
Signallers' quarters, Jubbulpoor	10,000	2,500	150	12,650
<i>Post Office Buildings.</i>				
Post Office at Madras	50,000	12,500	750	63,250
<i>Opium Buildings.</i>				
North Western Provinces. Lump sum demand of Rs. 1,40,000 for Opium works to be reduced to grant of Rs. 72,000 for current year.	68,000	13,600	...	81,600
<i>Mint Works.</i>				
New iron railway on west side of Strand Road, Mint.	23,953	5,988	358	30,299
<i>Salt Works.</i>				
Harigoshiti Project, Moola	50,000	12,500	750	63,250
Ware-house quarters, Bhyadar	15,000	3,450	225	18,675
Water-supply, Kharaghora	50,000	11,500	650	62,150
Extension of salt store-shed at Kharaghora	96,000	22,080	1,440	1,19,520
Lines for Salt Establishment at Foonda	21,000	4,830	315	26,145
Other works in Madras, the selection of which is left to the Local Government.	50,000	12,500	650	63,150
Ditto ditto to Bombay	20,000	4,620	250	24,850
<i>Roorkee College Buildings.</i>				
Provision of Rs. 22,595 to be reduced to Rs. 17,000.	5,595	1,398	...	6,993
<i>Kurrachee Harbour Works.</i>				
Provision for ship pier not yet sanctioned by Government of India.	1,50,000	34,500	2,250	1,86,750
Provision for repairs to be reduced from Rs. 60,000 to Rs. 20,000 being about the same amount as the grant for the current year.	40,000	9,200	600	49,800
<i>Light Houses.</i>				
Provision for Light House at Matram, Madras.	60,000	15,000	800	75,800
Provision for Tools and Plant in Madras in excess of the percentage allowed.	8,41,548	1,98,416	11,768	10,51,732
Provision for the following Provinces to be reduced thus—	...	...	6,832	6,832
for Central India by	...	...	...	2,50,000
for Rajpootana	...	...	...	1,18,000
for Port Blair	...	...	...	89,000
for Coorg	...	...	...	736
	...	...	...	15,15,730

(3)

Rs.

3. The reduction of Rs. 2,50,000 in the Central India demand will bring it down to	...	4,99,000
The grant for the current year being	...	6,82,500
That of 1876-77	...	6,90,900
1875-76	...	6,97,000
1874-75	...	6,96,000
1873-74	...	6,96,000

The Government of India regret that this reduction should have to be made in the grant for Central India, but financial necessity is imperative. Besides this, the question of the source whence funds should be provided for repairs of roads has still to be settled.

4. The reduction in Rajpootana will bring the demand down to Rs. 3,15,900, the grant for 1877-78 being Rs. 3,61,700. Here again reduction cannot be helped.

5. The reduction in the Port Blair demand will leave the grant at the same amount as that for the current year.

6. Statements are annexed showing the grants assigned to each Province and Department under operation of this Resolution. The totals of those grants as compared with the allotments for the current official year are shewn in the following abstract:—

PROVINCES.	Grant now provisionally passed for 1878-79.	Grant for 1877-78.
	Rs.	Rs.
Madras	1,71,288	87,000
Bombay	5,06,160	2,92,600
Bengal	4,00,193	4,31,500
North Western Provinces	4,87,761	4,04,500
Punjab	75,600	56,250
Central Provinces	13,730	19,500
British Burmah	30,750	23,000
Assam	29,520	22,400
Coorg	1,35,983	1,36,000
Hyderabad	32,600	34,900
Rajpootana	3,15,900	3,61,700
Central India	4,99,000	6,82,500
Port Blair	41,000	41,000
Inspector General of Military Works	1,25,150	1,39,150
Lahore and Peshawur Road	...	2,600
Simla Imperial Circle	3,70,000	5,04,750
Less transfer to Budget-Estimate, Indo-European Telegraph Department	...	—4,700
Total	22,34,650	32,34,650

7. A grant may probably be required for Civil Buildings at Quettah, but separate orders will be passed on this point on receipt of the Budget-Estimate for the ensuing official year called for in Public Works Department No. 35 A—G, dated 8th January 1878.

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

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

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

W. L. S. James

Deputy Secretary to Govt. of India.

No. 36 A.G.

*To the Secretary to the Govt. of Madras.
(B. de H.)*

143

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
ACCOUNT.
General.

To,

The Governments of Madras and Bombay, in the Public Works Department, General Branch.

The Governments of Bengal, North Western Provinces and Oudh, and Punjab, in the Public Works Department, General Branch.

The Chief Commissioners, Central Provinces, British Burmah, Mysore and Coorg, and Assam.

The Resident, Hyderabad.

The Agents to the Governor General for Central India and Rajputana.

The Superintendent of Port Blair, and Chief Commissioner, Andaman and Nicobar Islands.

The Foreign Department.

The Agent, Governor General, Beloochistan.

The Director General of Telegraphs.

The Financial Department.

The Director General of Post Offices.

Nos. 36—55 A—G.

Dated January 9, 1878.

Received

Distribution of the Imperial grant for Other Services for 1878-79.

No. 677, P. W. D. Press—9-1-78—510.

5

144

Enclosure to P. W. D. Resolution Nos. 36—55 A—G of 1878.

Statement of the grants allowed for Public Works Other Services, Imperial, for 1878-79.

	Amount of estimate.	Computed expenditure to end of 1877-78.	Grant provisionally allowed, 1878-79.	Add for Minor Works.	Add for Repairs.	Total for each Province.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
POST OFFICE WORKS.						
Madras—			4,000			
Post Office, Combaconum	...	...	...	3,000	5,000	18,000
Minor Works and Repairs	...	...	...			
Bombay—			5,300			
Post Office, Karad	5,318	...	2,700			
Quarters for Post Master, Satara...	2,706	...	2,500			
Post Office, Bigapur	2,500	...	5,000			
Quarters for Clerks, Aden	...	...	...	10,000	12,000	37,500
Minor Works and Repairs	...	...	...	11,270	16,500	27,770
Bengal—			...			
Minor Works and Repairs	...	...	3,729			
North Western Provinces—			6,689			
Post Office, Etawah	3,729	...	...	31,814	11,800	54,092
Ditto, Moradabad	6,689	...	...			
Minor Works and Repairs	...	...	...			
Punjab—			3,000			
Veraudah to Post Master's house, Lahore	3,000	...	...	10,000	10,000	23,000
Minor Works and Repairs	...	...	...	3,000	2,250	5,250
Central Provinces—			5,250			
Minor Works and Repairs	...	...	3,950			
British Burmah—			...			
Post Office and quarters, Akyab.	...	...	...	2,000	2,000	13,200
Ditto ditto, Pegu	...	...	...			
Minor Works and Repairs	...	...	7,000		1,800	10,800
Assam—			...			
Post Office, Tezpur	...	...	...	2,000		
Minor Works and Repairs	...	...	...			
			49,118	79,084	61,410	1,89,612
TELEGRAPH WORKS.						
Madras—			...	10,000	5,000	15,000
Minor Works and Repairs	...	...	4,000			
Bombay—			19,287			
Telegraph Office at Surat	...	Not obtainable.	3,600			
Plastering walls, Telegraph Buildings, Jask	3,615	...	...	6,000	10,000	23,600
Minor Works and Repairs	...	...	...	5,000	9,200	14,200
Bengal—			5,000			
Minor Works and Repairs	...	...	...	1,795	2,968	9,763
North Western Provinces—			...			
Telegraph Office, Bareilly	...	...	6,000			
Minor Works and Repairs	...	...	4,000			
Punjab—			28,146			
Telegraph Office, Umballa	4,163	22,000	...	3,000	4,000	17,000
Ditto, Rajanpur	...	...	...	1,000	1,400	2,400
Minor Works and Repairs	...	...	...			
Central Provinces—			...			
Minor Works and Repairs	...	...	2,500			
British Burmah—			...	3,000	3,200	8,700
Additions to Signallers' quarters, Akyab	...	...	...			
Minor Works and Repairs	...	...	5,000			
Assam—			...	1,000	1,800	7,800
Repairs to Gowhaty Telegraph Office	...	...	...			
Minor Works and Repairs	...	...	30,100	30,795	37,563	98,463

Statement of the grants allowed for Public Works Other Services, Imperial, for 1878-79.

	Amount of estimate.	Computed expenditure to end of 1877-78.	Grant provisionally allowed 1878-79.	Add for Minor Works.	Add for Repairs.	Total for each Province.
OPIMUM WORKS.						
Bengal—						
Trash Godown in Factory Goolzar-lagh	36,718	35,000	1,718			
Improvements to water-supply in Goolzarlagh	10,424	8,000	2,424			
Dismantling and re-constructing shed No. 14 in the Opium Factory	10,020	...	10,020			
Improvements to Diamond God-down	10,000	...	10,000			
Re-roofing shed No. 12 in Chest Department	...	...	3,000			
Do. do. No. 16 do. ...	...	...	14,000			
New Cap Godown	...	...	37,000			
Re-constructing the Pitch boiling furnace of the Chest Department...	...	...	2,500	8,000	11,400	1,00,002
Minor Works and Repairs North-Western Provinces—	...	...	...	10,000	21,683	1,03,683
Lump sum	...	...	72,000			2,03,745
Minor Works and Repairs	...	...	...			
MINT AND CURRENCY.						
Bombay—						
Minor Works	...	...	...	3,000	3,000	6,000
Bengal—						
Substituting Iron for wooden beams in the Calcutta Mint	82,400	...	20,000	6,000	13,700	99,700
Minor Works and Repairs North Western Provinces—	...	...	...	...	100	100
Minor Works and Repairs	...	...	...	...	...	45,800
SALT WORKS.						
Madras—						
Making a road from the trunk road near Kavaly to Trinmalapatam Salt platform	23,550	9,996	10,000			
Constructing new Police lines for the Salt-guard Dugaray-patam	4,200	1,498	2,700			
Completing Palayaukal catch drain	4,985	3,900	1,000			
Improving the Vedarneyam Canal	10,000	7,000	3,000			
Huts for 14 Head Constables	7,550	3,597	3,000			
Constructing Salt Superintendent's Kutcherry at Kuppily	2,790	...	2,790			
Ditto a tiled Building and a raised ground near the platform for protection of the Salt Establishment during the floods at Karai	...	...	3,300			
Fixing head sluice at the mouth of the supply channel at Kanada	...	...	2,500			
Police lines, Chinnaganjam	...	...	4,580			
Ditto, Nizampatam	...	...	3,500			
Ditto, Pandrara	...	...	4,300			

Statement of grants allowed for Public Works Other Services, Imperial, for 1878-79—continued.

	Amount of estimate.	Computed expenditure to end of 1877-78.	Grant provisionally allowed, 1878-79.	Add for Minor Works.	Add for Repairs.	Total for each Province.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
SALT WORKS—continued.						
Madras—contd.—						
Improvements to Salt Kutcherry, Nizampatam	...	...	2,700			
Salt Kutcherry, Chinnaganjam	...	...	3,000			
Making an approach to the north platform at Beerungunta	...	...	4,000			
Ditto from Beerungunta to Derumpanda	...	...	5,000			
Palisade with stone pillars in chunam and palmyrah rails to 3 Salt platforms	...	...	4,000			
Salt road from 198 mile, Great Northern road to Kuppily	...	...	5,000			
Huts for Constable Vadamilu	...	...	2,000			
Ditto ditto Culliam Waddy	...	...	2,000			
Bridge on road over the extension of the Vedarneyam Canal	...	...	7,570			
Masonry buildings for Salt Division Offices	7,600	...	7,600			
Constructing tunnels and side dams in the cross road from Movcalam Salt station to the road between Madara and Ramnaad	3,450	...	3,450			
Cutting a channel from the sea to the pans from supplying sea water for the manufacture of Salt Attingan	...	...	5,900	15,650	20,000	
Minor Works and Repairs	...	...	...			
Deduct reduction in grant, the selection of works to make up which is left to the Local Government	...	...	—50,000			80,000
Bombay—						
Assistant Collector's Bungalow, Karwar	13,260	11,000	2,000			
Improving and metalling road to Rowli Salt pans	10,637	...	10,000			
Custom houses, Sain-katta	6,898	...	6,800			
Water-supply at Raymardha	11,086	...	11,000			
Water-supply in Uran, Pen and Bassein Talukas	5,000	...	5,000			
Lines for Salt Establishment at Shiva	5,634	...	5,600			
Salt Depot and Office at Baroda	21,360	...	21,000			
Deduct reduction in grant, the selection of works to make up which is left to the Local Government	...	...	—20,000	10,000	20,000	71,400
Minor Works and Repairs	...	...	...	1,000	15,000	16,000
Bengal—						
Minor Works and Repairs	...	...	85,750	26,650	55,000	1,67,400
CUSTOMS BUILDINGS.						
North Western Provinces & Oudh—						
Kutcherry at Agra	...	...	14,720			
Out-houses to	...	...	5,000			
Minor Works and Repairs	...	...	4,930			24,650
Punjab—						
Minor Works and Repairs	...	...	...		20,000	20,000
Central Provinces—						
Minor Works and Repairs	...	...	...		1,998	1,998
			19,720		26,928	46,648

Statement of grants allowed for Public Works Other Services, Imperial, for 1878-79—continued.

	Amount of estimate.	Computed expenditure to end of 1877-78.	Grant provisionally allowed, 1878-79.	Add for Minor Works.	Add for Repairs.	Total for each Province.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
GOVERNMENT OF INDIA BUILDINGS.						
Bengal—						
Record racks for use of the Home Department, Calcutta	...	...	4,830	5,000	4,000	13,830
Minor Works and Repairs	...	...	...	...	...	...
	...	...	4,830	5,000	4,000	13,830
EDUCATIONAL BUILDINGS, CALCUTTA	...	...	...	800	7,500	8,300
TREASURY BUILDINGS	...	...	...	1,400	1,500	2,900
SURVEYOR GENERAL'S OFFICE	...	...	...	800	4,000	4,800
MUSEUM BUILDINGS	...	...	...	...	1,500	1,500
VICEREGAL BUILDINGS.						
Bengal—						
Additions and alterations to Government Houses at Calcutta and Barrackpore...	...	...	27,900	...	...	...
Furniture for Government House, Calcutta	...	...	30,000	7,000	31,300	96,200
Minor Works and Repairs	...	...	...	7,000	31,300	96,200
	...	...	57,900	7,000	31,300	96,200
ROORKEE COLLEGE BUILDINGS.						
North Western Provinces—						
Tent store-room	...	...	3,463	...	...	...
Small Hospital, Roorkee	...	...	5,632	...	...	...
Minor Works and Repairs	...	...	...	2,000	11,500	17,000
Less reduction in grant	...	...	—5,595	...	...	...
	...	...	3,500	2,000	11,500	17,000
POLITICAL BUILDINGS.						
British Barmah—						
Minor Works and Repairs	...	...	...	1,000	1,000	2,000
	...	...	...	1,000	1,000	2,000
KURRACHEE HARBOUR WORKS.						
Bombay—						
Hopper Steam Dredger	...	...	2,00,000	...	...	...
Dredging	...	...	86,200	...	...	...
Repairs...	...	...	...	...	20,000	3,06,200
	...	...	2,86,200	...	20,000	3,06,200

Statement of grants allowed for Public Works, Other Services, Imperial, for 1878-79—concluded.

	Amount of estimate.	Computed expenditure to end of 1877-78.	Grant provisionally allowed, 1878-79.	Add for Minor Works.	Add for Repairs.	Total for each Province.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
LIGHTHOUSES.						
Madras—						
Constructing Beacon False Point Division	...	...	5,000	...	...	...
Lighthouse, Muthroon	...	...	15,000	1,900	1,250	22,250
Minor Works and Repairs	...	...	...	...	2,000	2,000
Bombay—						
Repairs	...	...	...	2,500	3,500	6,000
Assam—						
Minor Works and Repairs	...	...	...	...	6,700	30,250
	...	...	20,000	3,500	6,700	30,250
Grand Total	...	...	...	...	...	12,34,618
Add for—						
Establishment	...	...	...	...	...	2,42,600
Tools and Plant	...	...	...	...	...	11,612
Roorkee College Establishment	...	...	...	...	...	2,26,151
Total	...	...	...	...	...	17,15,011

Distribution of the grant for Other Services for 1878-79.

[illegible]

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 21st Feb 1878.

Read the following:—

- 148
- From the Govt. of India— (H.E. No. 13-33 A.G. 7 5th January 1878)
- do (H.E. No. 35-55 A.G. 7 9th do)
- do (H.E. No. 62-83 A.G. 7 11th do)
- From the H.E. of various (H.E. No. 48 7 29th Aug. 1877)
- do do (H.E. No. 67 7 29th Sept. 1877)
- do Chagapalan (H.E. No. 7 5th October 1877)
- do Godavery (H.E. 7 29th September 1877)
- do Krishna (H.E. 7 11th October 1877)
- do Bellare (H.E. 7 1st do)
- do Buddarah (H.E. 7 5th do)
- do Tumoor (H.E. 7 12th Sept. 1877)
- do Bellary (H.E. 7 23rd October 1877)
- do do (H.E. No. 342 7 21st do)
- do Presidency (H.E. No. 4298 7 23rd do)
- do Chingleput (H.E. No. 2985 7 22nd Sept. 1877)
- do North Arcot (H.E. No. 7 29th do)
- do South Arcot (H.E. No. 131 7 18th October 1877)
- do Salem (H.E. No. 7 6th do)
- do Bangalore (H.E. No. 7 10th November 1877)
- do Tanjore (H.E. No. 7 3rd September 1877)
- do Trichinopoly (H.E. No. 7 21st August 1877)
- do Coimbatore (H.E. No. 7 6th October 1877)
- do Nilgiris (H.E. No. 7 26th December 1877)
- do do (H.E. No. 493 7 27th September 1877)
- do Malabar (H.E. No. 7 18th do)
- do South Canara (H.E. No. 7 29th Sept. 1877)
- do Madras (H.E. No. 7 18th do)
- do Trivellore (H.E. No. 7 28th Sept. 1877)
- From the President, Municipal Council, Madras (H.E. No. 624 7 28th Sept. 1877)

In the Resolutions recorded above the Govt of India make assignments to the several Presidencies on account of Imperial Public Works for the year 1878-79.

2. In para 4 of Resolution N^o 18-33 A.G. dated 8th January 1878 the Government of India have left it to the local Government to distribute the provisional grant allowed under Military as circumstances may require. The grant has accordingly been distributed as noted below.

	Major Works	Minor Works	Repairs	Estab- ment	Land Plant	Total
Military Buildings	154,150	187,850	2,50,000	1,68,000	10,000	7,50,000
Civil Buildings { Postal	4,000	9,000	5,000	33,810	2,228	17,288.
{ Telegraph	"	10,000	5,000			
Light Houses.	20,000	1,000	1,250			
Salt Works.	45,550	14,150	20,000			9,21,288

1879
3. The following statement shows the distribution of the amount available for Minor Works under Military and

R.P.

and "Other Services" for each District.

Executive Division	Military	Civil Buildings.			Misc P. Imp
		Postal	Telegraph	Light Works	
Vizagapatnam.	500				
Bellary	2500				
Remandrug.	500				
Providence.	5000				
Mount.	1500				
Vellore.	300				
Coimbatore.	200				
Bangalore.	3000				
Trichinopoly.	1700				
Coimbatore.	300				
Nilgherries.	1500				
Cannanore.	1000				
Calicut.	1000				
Mangalore.	300				
Tinnevely.	200.				
At the dis- posal of Govt. } Presidency	168,350	9000	10,000	14,150	1000.
Total	187,850	9000	10,000	14,150	1000.

4. In para 5 of the Government of India Resolution N^o 18-33 A.G. dated 8th January 1878 a statement of proposed reductions of not less than 20 per cent of the provisional allotment for works is called for. The amount allotted to works is Rs. 5,92,000, and 20 per cent on this will amount to Rs. 1,18,400, to meet which

There

the following reductions will be proposed to the Government of India.

Budget Item

2. Hospital Sergeants Quarters for the third Pavilion. 5,700
- Race Course Bangalore
6. Completing the third block Married Quarters at Wellington. 3,720
7. Addition to the Hospital Guard room for prisoners at Wellington. 4,590
12. Providing racks in the Ordnance Gun powder Magazine, Bangalore. 2,580
13. Enlarging existing Quarters of Millmen and Supervisors for resident Master Worker and Master Refiner at the Gun powder Factory Madras. 5,000
14. School house and furniture for 4 Native Infantry Regiments at Bangalore. 4,500
- Water supply project at Bellary. 4,000
15. Additional works in connection with Ulsoor water supply project. 20,000
16. Improvements to Diimlor Tank at Bangalore. 10,000
- Drinking water supply to be conveyed in pipes from outlet to the lower story of each block of Barracks at Wellington. 2,150
- Minor Works. 55,880

17. Misc.

Cine

Light

Salv

150

Total. Rupees 1,18,400.

5. The grant for Establishments under Military and Other Services, Imperial, is Rs. 1,81,810. The grants from other sources will be shown in the orders reviewing the

the Provincial Budget.

6. The allotment for "Tools and Plant" is Rupees 12,228. Out of this allotment, Rs. 476 are required for London Supplies, leaving a balance of Rs. 11,752 which has been distributed as shown in Part IV of the Budget.

7. The amount applied for by the District Engineer Presidency under "Tools and Plant, Imperial, Other Services" is excessive. After providing Rs. 476 for London Supplies, the balance of the grant under this head has been reserved by Govt for appropriation as occasion arises.

8. District Engineers will be careful that, as in the case of other Public Works, no Salt Works for which funds have been provided in the Budget are

* Military — 10,000
Other Services — 2,228
12,228

* G.O. No. 231 W of 14th January 1878.

P12

are carried out without first submitting the necessary plans and estimates for the sanction of Government. They should at the same time take the necessary steps to have plans and estimates prepared and sanctioned in ample time to admit of the utilization of the Budget appropriations within the official year.

14th 20.2.78

All District Engineers 140
Examiner P.W. Accounts 15
Consulting Architect 3
Military Department 15
Financial Department 7
Revenue Department 21
Board of Revenue 91
Accountant General 3
Post Master General 3
Superintendent of Telegraphs 3
Mining Department 2

Ref of - 20-3-78

20.2.78

R.P.

13
No 859 Wd/21st Feby/78 P. W Dept

To
The Secretary to the
Government of India
P. W Dept

Sir,

I am directed to forward
herewith the Imperial
Budget Estimates, Building
and Roads Branch for the
year 1878-79 together with
the Proceedings of Government
thereon.

With reference to para
5 of the Government of India
Resolution No 18-33 A.S. dated
8 January 1878, I am to invite
your attention to para 4 of the
Proceedings in which the
proposed reductions to meet
a possible deficit are shown.

W.D.
20/2/78
W.D.

No 858 Wd/21st Feby/78

Esc of Preliminary
of Budget.
Esc of order
Esc of letter -
One Indent - Sept
16-3-78

Forwarding the
Imperial Budget Es-
timates, Budget
Roads Branch for
1878-79 -

RECEIVED 15201 17 1909

PUBLIC WORKS.

To: Dist: *Augst*

Dated

Issued

Recd.

Encl.

U. O. *21/7/54* 1973, No. *858*

859

No.

Industrial Bonds

Private Buildings

Bond Branch

877-9

Passing

orders on the

Entire Rep.