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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works DEPARTMENT

No.	3/20-W	Press.
No.		Mis.

dated 16. 12. 1887 197

or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

16th December 1881, No. 3120 W.

General.
Account.

Read the following papers:—

- No. 65. From Superintendent of Works, Kistna, dated 20th Sept. 1881, No. 1245.
- No. 65-A. From Superintending Engineer, Second Circle, dated 3rd October 1881.
- No. 65-B. From Superintending Engineer, Second Circle, dated 3rd October 1881.
- No. 65-C. From Superintending Engineer, First Circle, dated 11th October 1881.
- No. 65-D. From Superintendent of Works, Presidency, dated 11th October 1881, No. 2527.
- No. 65-E. From Superintending Engineer, Third Circle, dated 18th October 1881.
- No. 65-F. From Superintending Engineer, Third Circle, dated 25th October 1881, No. 1013 T.C.
- No. 65-G. Proceedings of the Government of India, Public Works Department, (Account—General,) dated Simla, 9th November 1881, No. 412 A.—G.

Distribution of the Imperial grant for Military Works for 1882-83.

Read the following:—

Letter from Secretary to Government of Madras, No. 2293 W., dated 16th September 1881.

RESOLUTION.—The demands for Military Works under the Inspector-General, Military Works, and those under Local Governments and Administrations are here considered together. Taking up the several schedules submitted, the demand for 1882-83 may be abstracted as follows and compared with the corresponding budget grant for 1881-82:—

	Demand, 1882-83.	Grant, 1881-82.
	RS.	RS.
Madras	15,79,419	4,70,000
Total ...	1,50,38,798	1,01,03,163

2. It is thus observed that the demands for 1882-83 exceed the total Imperial Military Works grant for 1881-82 by Rs. 49,35,635, whereas financial requirements make it absolutely necessary that the grants now to be made for Military Works for

the ensuing official year should not, with the amount to be held in reserve, exceed in the aggregate Rs. 1,00,00,000. Some of the demands must therefore be cut down, and in this view the reductions shown in the following table are made:—

	Demands, 1882-83. RS.	Provisional Grant, 1881-82. RS.	Reduction or Addition. RS.
Madras	15,79,419	6,20,000	—9,59,419
Total ...	1,50,38,798	1,00,00,000	—50,38,798

3. The Government of India being of opinion that Local Governments and Administrations can best judge of the requirements of their own provinces, has not made specific reductions from the amounts demanded in order to bring the grants down to the sums now provisionally assigned. Lump sum reductions have therefore only been made, and it is left to each Local Government and Administration to distribute the grant assigned as may appear best to the military authorities, due attention, however, being paid to the remarks in the following paragraphs, and care being taken to provide for the completion in the first instance of all works in progress before new works are undertaken. The grants herein allowed for all provinces include provision for any expenditure that may be incurred in England on stores for works classed as military. The budget estimates should be prepared for the amounts now provisionally sanctioned and submitted so as to reach the Government of India punctually on the 15th January 1882.

5. In the budget estimate, of provinces to which the Provincial Service arrangements apply, the charge to Imperial funds on account of Provincial establishments supervising Imperial Military Works should, under the rulings contained in Public Works Department Circular No. XX, dated 29th September 1881, be calculated in the proportion of 23 per cent. on the outlay on works and repairs.

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

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

Ordered also, that copies be forwarded to the Finance and Military Departments for information.

(Signed) W. S. TREVOR, Colonel, R.E.,
Off. Secy. to the Govt., of India.

From Brigadier-General H. O'CONNEL, Quartermaster-General, to the Chief Engineer, Public Works Department, dated Fort St. George, 2nd December 1881, No. 8115.

In returning papers forwarded with your No. 2799, dated 24th instant, I have the honor, by order, to annex a list of the Military Works required and which, it is considered, should have the preference, as to priority of construction, to the limited amount (Rs. 1,92,068) of the grant allowed for Major Works for 1882-83.

2. The first four items are for grants for carrying on large and very important works. The sums mentioned are only portions of the estimates for these works. Further sums for completing the works will be required in succeeding budgets.

3. The Commander-in-Chief very much regrets that the limited allotment of funds will render it impossible to commence stables for Batteries of Artillery at Bangalore, St. Thomas' Mount, Kemptee and Bellary. These works have been put off year after year for want of funds. They are much required; but, of course, accommodation for troops must be considered before them.

4. In the list, Appendix I to G.O., No. 2292 W., of 16th September 1881, there is an item of Rs. 80,000 for the purchase of the Exchange House at Fort St. George, used as an Officers' Mess House of the British Infantry Regiment. It will be quite impossible to provide funds for this in 1882-83. A grant of the full sum would be necessary to make the purchase, but as that would amount to nearly half of the entire grant for Military Works, and would necessitate the postponement of works of very great importance, it cannot, under the circumstances, be recommended. Should a grant for the purpose be necessary a special and additional one will be required.

No. 66. ORDER THEREON, 16th December 1881, No. 3120 W.

IN the Resolution read above, the Government of India have provisionally assigned Rs. 6,20,000 for Military Works in this Presidency for 1882-83, and have left the distribution of that amount to this Government.

2. The following distribution is accordingly made—

	RS.
Major Works	1,99,113
Minor Works	19,911
Repairs	2,75,000
Establishment	1,13,626
Tools and Plant	12,350
Total ...	6,20,000

3. The grants for Minor Works and Repairs will be held at the disposal of Government, and will be distributed on receipt of statements of estimated requirements from Superintending Engineers, as directed in G.O., No. 405 of 14th February 1881.

4. No expenditure will be incurred on those works entered in the budget for which estimates are awaited, but as these works are considered to be of very great urgency, the Superintending Engineers concerned will lose no time in submitting the necessary plans and estimates for sanction.

5. In the list, submitted by the Quartermaster-General, of works selected for inclusion in the budget, Rs. 3,000 are entered for new flooring to latrines of barracks and family quarters at Wellington, but as the work has already been completed it has been omitted from the budget.

6. With these remarks the Military Budget Estimate for 1882-83 is circulated for the information and guidance of the Officers of the Department.

7. Ordered that four copies of the Preliminary Issue of the budget be forwarded to the Government of India.

(Here enter No. 3121 W., dated 16th December 1881.)

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Examiner of Public Works Accounts.
" Military Department.
" Financial "
" Accountant-General, Madras.

Exd. S. T. Austin.
Spare Copies

GENERAL
ACCOUNT.

Govt. of (1881) Madras
PUBLIC WORKS.

To

SUPERINTENDING ENGINEERS.

Ac., Ac., Ac.

Dated December, 18th.

Issued

Recd.

Encl.

G.O., 16th December 1881, No. 3420 W.

DECEMBER.

Nos. 65-66.

Imperial Military Budget Estimate for
1882-83. The Preliminary Issue of the
circulated with remarks for the information
and guidance of the Officers of the Depart-
ment.

PRELIMINARY ISSUE.

IMPERIAL.
MILITARY WORKS.

3/20-4
3/20-4
3
MADRAS.

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1882-83.

FORT ST. GEORGE,
16th December 1881.

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

34
3120 W
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MADRAS.

MADRAS.

BUDGET-ESTIMATE, 1882-83.

IMPERIAL
MILITARY WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.	OUTLAY.		
						Actual to end of 1880-81.	Probable during 1881-82.	
				IMPERIAL ORDINARY.	Rs.	Rs.	Rs.	
				MILITARY.				
				Original Works.				
				Barracks for European troops at Poonamallee.	2,70,506	17,429	5,427	
				New double-storied Barracks for 200 men with out-houses.	1,66,885			
				New quarters for thirty families with out-houses.	82,300			
				Do. for Apothecary ...	7,150			
				Alterations to existing buildings and demolitions.	18,476	17,429	5,427	
				Deduct value of old materials.	2,74,811			
					4,305			
					2,70,506			
			2	New Barracks for Royal Artillery.	...	...	...	
			3	Barracks for detachment British Infantry to accommodate 100 men.	...	...	...	
			4	Completion of compound wall round Parade Barracks.	4,000	...	...	
			5	New Armourer's shop for the Parade Barracks.	4,670	...	...	
			6	New gun sheds with Collar-makers and Wheeler's shops combined for the Royal Artillery.	...	...	...	
			7	A covered gymnasium in the Ball Alley of the European Regiment in the Fort.	...	...	...	
			8	New pattern punkahs for half a Battalion of British Infantry.	5,000	...	...	
			9	Supplying cooking stoves to each married quarter.	...	...	...	
			10	New wash-houses fitted with boilers, drying and ironing-rooms for the married quarters.	...	...	...	
				Carried over ...	...	...	...	

MADRAS.

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I.

ORIGINAL WORKS FOR THE YEAR 1882-83.

GRANT, 1882-83.									ITEM No.	REMARKS AND REFERENCES
Normal.			Special.			Total.				
Works in Pro- gress.	not Commenced.	Total.	Works in Pro- gress.	not Commenced.	Total.	Works in Pro- gress.	not Commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	28,835	...	28,835	28,835	...	28,835	1	Sanctioned by the Govern- ment of India, Register No. 33 M.W. of 1878-79 G.O., No. 465 W. of 19th Feb. 1879. Item No. 1 of Budget of 1881-82. Class A.
...	...	...	...	22,000	22,000	...	22,000	22,000	2	Estimate awaited. Item No. 2 of Budget of 1881-82. Class A.
...	...	...	...	21,568	21,568	...	21,568	21,568	3	Estimate awaited. Class A.
...	...	...	...	4,000	4,000	...	4,000	4,000	4	G.O., No. 2507 W. of 2nd November 1880. Class A.
...	...	...	...	4,670	4,670	...	4,670	4,670	5	G.O., No. 3066 W. of 2nd December 1879. Class A.
...	...	...	...	23,000	23,000	...	23,000	23,000	6	Estimate awaited. Class A.
...	...	...	...	2,500	2,500	...	2,500	2,500	7	Estimate awaited. Item No. 4 of Budget of 1881-82. Class A.
...	3,242	3,242	...	...	...	...	3,242	3,242	8	G.O., No. 427 W. of 11th February 1879. Class A.
...	...	...	...	6,000	6,000	...	6,000	6,000	9	Estimate awaited. Class A.
...	...	...	...	3,120	3,120	...	3,120	3,120	10	Do. Class A.
...	3,242	3,242	28,835	86,858	1,15,693	28,835	90,100	1,18,935		

PART—(Continued).

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS FOR THE YEAR 1882-83.—(Continued).

GRANT, 1882-83.																	ITEM No.	REMARKS AND REFERENCES.
HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.	OUTLAY.												
						Normal.			Special.			Total.						
						Actual to end of 1880-81.	Probable during 1881-82.	Works in progress.	Works not commenced.	Total.	Works in progress.	Works not commenced.	Total.	Works in progress.	Works not commenced.	Total.		
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				Brought forward ...	...	...	...	...	3,242	3,242	28,835	86,858	1,15,693	28,835	90,100	1,18,935		
				IMPERIAL ORDINARY														
				—cont.														
				MILITARY—cont.														
				Original Works—cont.														
(1) Accommodation for troops—Buildings for European troops in the hills. Permanent.	West Coast.	Wellington	11	Building three additional cells at the hospital guard, and enlarging guard-room by demolishing partition wall between guard-room and old cell on north-east side.	...	...	...	...	...	...	...	3,500	3,500	...	3,500	3,500	11	Estimate awaited. Class A.
Buildings for Native troops.	Presidency.	Bangalore.	12	Additional married quarters for European Non-Commissioned Officers, Queen's own Sappers and Miners.	5,240	...	...	...	...	...	...	5,240	5,240	...	5,240	5,240	12	G.O., No. 1518 W. of 17th June 1881. Class A.
	Do.	Do.	13	Addition to the store-room of the Sappers and Miners.	3,020	...	...	...	15,320	15,320	...	...	...	...	15,320	15,320	13	G.O., No. 2276 W. of 15th September 1881. Class A.
	Do.	Madras ...	14	Improvements to the Body Guard lines.	15,320	...	...	...	...	...	...	2,800	2,800	...	2,800	2,800	14	G.O., No. 2004 W. of 15th August 1881. Class A.
	North Arcot.	Vellore ...	15	Armourer's shop for the Native Infantry Regiment.	2,800	...	...	...	...	...	...	...	2,800	...	2,800	2,800	15	G.O., No. 1547 W. of 20th June 1881. Class A.
(2) Ordnance Works.	Presidency.	Madras ...	16	Improvements to the Gun-powder Factory.	1,87,983	1,69,771	13,900	...	...	...	20,000	...	20,000	20,000	...	20,000	16	Estimate of Rs. 1,87,983, sanctioned in G.O., No. 2740 of 31st Oct. 1879, No. 428 W. of 17th Feb. 1881, No. 2483 W. of 10th Oct. 1881, No. 2813 W. of 12th Nov. 1881. Further estimates awaited. Class A.
												7,400	7,400	...	7,400	7,400	17	Estimate awaited. Class A.
												7,210	7,210	...	7,210	7,210	18	Do. Class A.
(3) Commissariat buildings.	Bellary ...	Bellary ...	17	Government bakery ...	...	...	...	...	...	...	...	2,930	2,930	...	2,930	2,930	19	G.O., No. 3086 W. of 2nd December 1879. Class A.
	Do.	Do.	18	Slaughter house and hanging shed for meat.	...	...	...	...	...	...	...	4,800	4,800	...	4,800	4,800	20	G.O., No. 2977 W. of 29th November 1881. Class A.
	Presidency.	Bangalore.	19	Quarters for a Staff Serjeant at or near the public cattle lines.	2,930	...	...	...	...	...	...	...	...	...	...	...		
(4) Staff and Miscellaneous.	Nilgiris ...	Ootacamund.	20	Additional hospital accommodation at the Girls' school attached to the Lawrence Asylum.	4,800	408	...	...	...	...	7,958	...	7,958	7,958	...	7,958	21	G.O., No. 3118 of 2nd November 1874. Class A.
(7) General Cantonment works.	Bellary ...	Bellary ...	21	Water-supply project ...	1,41,028	1,32,670	1,000	...	19,911	19,911	...	...	...	...	19,911	19,911	22	
	...	...	22	Minor Works ...	...	...	...	...	...	...	...	...	...	...	...	...		
				Total, Military ...	...	...	...	...	38,473	38,473	56,793	1,23,758	1,30,551	56,793	1,62,231	2,19,024		

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IMPERIAL
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1882-83,
FROM CLASS

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.	OUTLAY.	
						Actual to end of 1880-81.	Probable during 1881-82.
1) Accommodation for troops— Buildings for European troops in the plains. Permanent ...	Chingleput. West Coast.	St. Thomas' Mount. Malapuram.	1	IMPERIAL ORDINARY. MILITARY. Original Works. Stables for horses for two Field Batteries.	Rs. ...	Rs. ...	Rs. ...
	Do.	Do.	2	Hospital for detachment, British Infantry.	...	...	...
	Do.	Do.	3	Canteen for do. do. ...	...	...	...
	Do.	Cannanore.	4	Gymnasium for do. do. ...	...	...	...
	Do.	Do.	5	Plunge bath for the British Infantry.	4,640	...	...
	Do.	Do.	6	Improving latrines of the British Infantry Regiment.	2,780	7	...
	Do.	Do.	7	Boarded floors to the Hospital of the British Infantry.	...	...	...
	Presidency.	Bangalore.	8	Alterations and additions to wash-houses for the British Infantry.	12,500	...	...
	Do.	Do.	9	Garrison Gymnasium of the fourth class.	44,600	1,649	...
	Do.	Do.	10	Quarters for School Master and School Mistress of the British Infantry.	6,120	...	...
	Do.	Do.	11	Constructing stables for three Batteries, Royal Horse Artillery and Field Batteries.	4,500	...	...
	Do.	Fort St. George.	12	Purchase of the Exchange house at Fort St. George used as an Officers Mess of the European Infantry Regiment.	80,000	...	...
Buildings for European troops in the hills— Permanent ...	Bellary...	Bellary...	13	Constructing stables for one Field Battery.	...	...	...
	West Coast.	Wellington.	14	Bath-room to wash-houses.	3,120	...	...
Buildings for Native troops ...	Do.	Do.	15	Constructing a female hospital at the Wellington Depot.	...	...	...
	Presidency.	Bangalore.	16	Addition to Regimental School, Sappers and Minors.	3,500	...	...
(3) Commissariat buildings ...	Bellary...	Bellary ..	17	Armourer's shop for the Native Cavalry.	2,695	...	...
	Presidency.	Bangalore.	18	Sifting room for the Commissariat Department.	...	...	...
	Do.	Madras ...	19	Sheds for the public cattle and lines for their attendants.	...	...	...
(7) General Cantonment works.	West Coast.	Malapuram.	20	Quarters for a Commissariat Staff Sergeant.	...	...	...
	Presidency.	Bangalore.	21	Improvements to the Dauloor Tank.	...	...	...

MADRAS.

3120. N
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B.

NOT ON WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION
B WORKS.

GRANT, 1882-83.									ITEM No.	REMARKS AND REFERENCES.
Normal.			Special.			Total.				
Works in pro- gress.	Works not com- menced.	Total.	Works in pro- gress.	Works not com- menced.	Total.	Works in pro- gress.	Works not com- menced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	...	...	...	...	...	...	1	Estimate awaited.
...	...	...	...	...	...	...	...	...	2	Do. do.
...	...	...	...	...	...	...	...	...	3	Do. do.
...	...	...	...	...	...	...	...	...	4	Do. do.
...	...	...	...	...	...	...	...	...	5	G.O., No. 418 of 16th February 1876.
...	...	...	...	...	...	...	...	...	6	G.O., No. 1056 W. of 4th April 1879.
...	...	...	...	...	...	...	...	...	7	Estimate awaited.
...	...	...	...	...	...	...	...	...	8	G.O., No. 1102 W. of 7th May 1880.
...	...	...	...	...	...	...	...	...	9	G.O., No. 1560 of 21st June 1876.
...	...	...	...	...	...	...	...	...	10	G.O., No. 2066 W. of 2nd December 1879.
...	...	...	...	...	...	...	...	...	11	G.O., No. 1484 W. of 24th June 1880. Estimates for other works awaited.
...	...	...	...	...	...	...	...	...	12	G.O., No. 751 W. of 18th March 1881.
...	...	...	...	...	...	...	...	...	13	Estimate awaited.
...	...	...	...	...	...	...	...	...	14	G.O., No. 1472 of 4th June 1874.
...	...	...	...	...	...	...	...	...	15	Estimate awaited.
...	...	...	...	...	...	...	...	...	16	G.O., No. 2155 W. of 31st August 1881.
...	...	...	...	...	...	...	...	...	17	G.O., No. 2266 W. of 14th September 1881.
...	...	...	...	...	...	...	...	...	18	Estimate awaited.
...	...	...	...	...	...	...	...	...	19	Do. do.
...	...	...	...	...	...	...	...	...	20	Do. do.
...	...	...	...	...	...	...	...	...	21	Do. do.

3120-W
9

PUBLIC WORKS DEPARTMENT.

General.
Account.

No. 3121 W.

No. 67.

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 four copies of the Preliminary Issue of the Imperial Budget Estimate of Military Works for 1882-83 with the Proceedings of the Madras Government thereon.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

FORT ST. GEORGE,
16th December 1881.

Exd. S. T. Austin.
Spare Copies

GENERAL
ACCOUNT.

Gobt. of (1881) Madras.
PUBLIC WORKS.

THE SECRETARY TO THE
GOVERNMENT OF INDIA.
Public Works Dept.

Dated December, 16th

Issued

Recd.

Encl.

16th December 1881, No. 3121 W.

DECEMBER.

No. 87.

FORWARDING four copies of the Preliminary Issue of the Imperial Budget Estimate of Military Works for 1882-83.

Kistna District.

Imperial.

Other Services.

Statement of requirements on account of Minor New works estimated below Rs. 2500 each for the year 1882-83. $\frac{3128}{10}$

Division	Name of Work.	Amount	Number and date of sanction	Grant for 1882-83	Remarks.
		Estimates			

Imperial

Other Services.

Eastern Division	Constructing Police lines at Manganaipudi	590	L.O. No. 3028 W dated 29th July 1878	590	

Total 590

Sd/ Runda
Superintendent of Works,
Kistna

Imperial.

Other Services.

Kistna District.

Part III.

Detail of the Budget Estimate for
Repairs for the year 1882-83.

3120 ^W
11

Head of
Classif.
= cation

Division.

Locality

Items

Estimate
for 1882-83.

Estimate
for 1881-82.

Amount
Total

Other Services.
Civil Buildings
Postal.

Postal Eastern Bezwada
Division Masulipatam

Annual Repairs — 300 — 300

Dr Western.

32 — 82 — 200 — 200

500 — 500

Miscellaneous Public
Improvements.

Light Eastern
Houses Division

Diue — Annual repairs — 200 — 200

200 — 200

Total — 700 — 700

D. W. Russell
Superintendent of Works,
Kistna

Imperial.
Other Services.

Kistna District.

Part II.

3/20/12 Detail of the Budget Estimate for Original Works for the year 1882-83.

3120
12

Head of Classification	Executive Division	Locality	Item Project and Works.	Amount of Estimate	Outlay		Grant 1882-83.		Remarks and References.
					Actual to end of 1880-81	Probable to end of 1881-82	Works in Progress	Works not commenced	
Salt	Eastern Division	Pondraea	1 Police Lines	4,507	.	.	4,500	.	1 G.O. No 3018W dated 29 th July 1878. Budget Item No 7 of 1880-81.
	Western Division	China Ganjam	2 do do	4,582	.	.	4,580	.	2 do do Item No 8 of do.
	do do	Kuzampatam	3 do do	3,562	.	.	3,560	.	3 do do Item No 9 of do.
	Eastern Division.	Masulipatam and Manganaipudi.	4 Excavating a navigable Canal from Masulipatam to Manganaipudi	68,580	.	.	20,000	.	4 G.O. No 1598 dated 19 th December 1874 R.D. G.O. No 120 dated 15 th January 1876.
			5 Grant for minor works the estimated Cost of which does not Cost Rs. 2,500 each as per Separate list attached		.	.	590	.	

33,230

Superintendent of Works Office Kistna
Camp Bernwada 20th September/84
Sept 22nd — 10

L. W. Randall
Superintendent of Works,
Kistna

Wm. J. F. ...

... Imperial Military ... 1882-83

312.00
26

Amount of estimate.

Outlay

Actual
Grand total
1882-83

Special
Grand total
1882-83

Item No.

... and Expenses

1500

3500

... 1881

... 15, ...

3600

... with the military authorities

Imperial
Military Works.
3/20.5
23

Inspector General of
Part I
Detail of the Budget Estimate of Original

Head of
Branch: Engineer
Locality: Quinay.
Name No: Project and Works.

Additional to Regimental
Sapper & Miners
20: 15 Constructing New Forts
with 30 pials for Value
Sappers and Miners

General
purpose.

Additional outposts
to the direct Subordinates
quarters, water distribution
and depots in the river
Gavara Hospital.

Imperial Military for the year 1882-83.
Part I
Inspector General.

General
of
Estimate:
Detail
Budget
1880-81
Part II
Drawing
1881-82
Annual
Grand
Total
for 1882-83.
Name No: Summary and References.

5.0. No. 524 of 25 February 1876
Name No. 11 of Budget 1881-82.
Estimate being progress of an accord
ance with Chief Engineer's letter
No. 536 dt. 29 Sept. 1881.

8380. 32 Estimate with the Military
authorities for approval.
5.0. No. 444 of 30 Sept. 1881.
Estimate under preparation

20000/34
10000/35

4840. 36
G.C. No. 2366 of 26 Sept. 1881
Estimate under preparation

Impressment
Military Service

3120.4
24
Detail by the Budget Volume of Original No. 10

Supplement of Part I

Impressment Military for the year 1882-83.

Project and works.

Head of Executive
Classification
Classification
Classification

Construction of compound wall
around Bada Bannacka

Additional and alterations
to the Bada Bannacka.

New wall round Bada
and B.A. Bannacka

Construction of
the Bada Bannacka

Construction of three
Batteries Royal Horse Artillery
and Field Batteries

Additional armed guards
for Bannacka New Bannacka
Officers, B.A. Bannacka & Bannacka

Additional to the Bannacka
of the Bannacka and Bannacka

Document of
Collection of
General
Bannacka
1880-81
Bannacka
during
1881-82
Special
1882-83
Bannacka

12,500 8 G.O. No. 1102 N of Bannacka 1880.

2,700 9 G.O. No. 506 N of Bannacka 1879.

11,600 10 G.O. No. 1560 of Bannacka 1876.

4,000 11 G.O. No. 2007 N of Bannacka 1880.

50,000 12 G.O. No. 1518 N of Bannacka 1881.

30,200 13 G.O. No. 2270 N of Bannacka 1881.

Works of Presidents

Imprested Military for the year 1882-83

Grand to

1882-83

Quincy

Donal

1881-82

Donal

1880-81

Donal

1879-80

Donal

1878-79

Donal

1877-78

Donal

1876-77

Donal

Memoranda and References

50000 1. Site not selected

2500 2. Sum No. 4 of Budget 1881-82.
Have received no notice of any
site yet from Military authorities

8900 3. G. O. No. 951 N of 16 March 1881.

15320 4. G. O. No. 2004 N of 15 Aug 1881.

6120 5. G. O. No. 3066 N of 22 Dec 1879.

4670 6. Do.

C. S. No. 2357 of 14 Oct 87

Head of Foreman
Change Division
Directly Henry
Amount of Lat. Amount of Lat.
1881-82
1882-83
Catharine

Postals.	Chicago	—	900
	Bombay	—	200
	North West	—	500
	Salem	—	200
	West Coast	—	500
Total			1600

Not known.

Not known.

1600

Budget	1887-83.
Estimate	1881-82.

<u>Other divisions</u>			
Worship	19450	1600	25 per cent
for Refugees			
	<u>19450</u>	<u>1600</u>	on the provision
			of Rs 21050
			for Welfare & Refugees
			21050

What other sources.

5262

Part II
Budget Estimate for 1882 and Plan for Disposition
of Services for 1882-83

Budget		Estimate		1881-82		1882-83	
Other Services	21050	21050	21050	21050	21050	21050	21050
Worke	19450	19450	19450	19450	19450	19450	19450
Refuse	1600	1600	1600	1600	1600	1600	1600
Provision of	21050	21050	21050	21050	21050	21050	21050
7 1/2 per cent on the	21050	21050	21050	21050	21050	21050	21050
526. unknown							

(5)

Total other sources. — 526

Superintendent of Works, Buildings

Part II.

Budget Estimate for Repairs, Imperial Military Works for the year 1882-83.

Estimate	1881-82.	1882-83.
Imperial	100,000	14,250
Military	80,000	60,000
Other	10,000	10,000
Total	190,000	184,250

Head of Division, Army, War Office

War

Imperial Army

Military

Military, War Office

Major Works

Other Service
Civil Building
Repairs

Postal
Telegraph
Engineering
Roads
Engineering
Roads

11 October 1881.

W. H. Murray & Co.

Superintendent of Works,
Imperial Army

To the Chief Engineer,
Imperial Army

11/10

Second Book.

Original Works for the year 1882-83.

Grant 1882-83

Amount Actual Works Done

to end of year in progress not yet commenced

Estimated. 1880-81. 1881-82.

5014. 11100 18000

211000 130000 341000

157980 60. 122744711

of 1881-82. The estimate is

4986 13000 9000

18000 1450

19450

18000 1450

19450

(3)

No. 2527

Imperial
Military works

Superintendent of
Detail of the Budget Volume of original works

Head Executive Division
Locality
How was
Project and Works

General ordinary
Military

Original works

Reconstruction Treasury Black Spun 1 Military Hospital

for Works

20. 2. 1st. George 2. General Gymnasium to be
erected in the Ball Alley of the
European Regiment

20. 3. Purchase of the Exchange House
at 3rd St. George used as an

Office, kept off the European
Infantry Regiment

20. 4. Madras 4. Improvement to the body
Guard Lines

20. 5. Bangalore 5. Quarters for Schoolmaster
and School. Madras

20. 6. New Munners' Shop,
Pondicherry

From
The Superintendent Engineer
J. L. Biville

To
The Chief Engineer
Public Works Department
Madras

Dated 11th }
Oct 1881

Imperial
Buildings and Roads

Budget Estimate

for the year 1882-83
M. Comptrolr

111

14
3/20
25

mem

The Supdt. of works,
Providing

No. 2527

Dated 11th Oct. 1881

Rs. 24,150 10-11

Imperial

Budget - 1882-83

122

1st Article

General Building and Roads.

Part II.

Budget estimate for repairs, General Buildings and Roads for the year 1882-83.

Estimated 1882-83 to 1883-84.

Head of Division District Office.

Amount to be Amount 1882.

Classification

General Ordinary.

Building

Repairs.

Military Building, General Repairs 30000

Magazine Building 5000

Magazine Building 15000

Magazine 800

{ 6040.

34070

34070

Total Military 34070

Other Services

Civil Buildings

Repairs.

Postal Building, General Repairs 200

General

Building

Military Buildings

Magazine Building

Magazine

1400

General 1400

Part II (continued)

Estimated 1882-83 to 1883-84.

Head of Division District Office.

Amount to be Amount 1882.

General Ordinary 4700

Magazine Building 300

General 100

1000

Total Civil Buildings 2100

Military Buildings

General Repairs

Magazine Building, General Repairs 600

Magazine 100

Total Military Buildings 100

General 100

Estimated 1882-83 to 1883-84.

Head of Division District Office.

Amount to be Amount 1882.

Confused
Buildings and Roads.
Detail of the

Part Details of the Budget Estimate of Revenue and Roads.

Office of
 Executive
 Council
 Albany
 18th Aug.
 Albany and
 State

Confused
 Muddled
 Engaged

1) Recommendation for transfer.
Buildings for Quarters

*Buckshot Battery - New gun-armed with
shells & shot.*

British. —
 Indian. —
 French. —
 Spanish. —
 Portuguese. —
 Dutch. —
 American. —
 Chinese. —
 Japanese. —
 Russian. —
 German. —
 Italian. —
 Austrian. —
 Prussian. —
 Sardinian. —
 Neapolitan. —
 Sicilian. —
 Venetian. —
 Genoese. —
 Ligurian. —
 Piedmontese. —
 Lombard. —
 Venetian. —
 Friulian. —
 Trentino. —
 Tyrolean. —
 Bavarian. —
 Saxon. —
 Polish. —
 Hungarian. —
 Rumanian. —
 Greek. —
 Turkish. —
 Persian. —
 Hindoo. —
 Chinese. —
 Japanese. —
 Russian. —
 German. —
 Italian. —
 Austrian. —
 Prussian. —
 Sardinian. —
 Neapolitan. —
 Sicilian. —
 Venetian. —
 Genoese. —
 Ligurian. —
 Piedmontese. —
 Lombard. —
 Venetian. —
 Friulian. —
 Trentino. —
 Tyrolean. —
 Bavarian. —
 Saxon. —
 Polish. —
 Hungarian. —
 Rumanian. —
 Greek. —
 Turkish. —
 Persian. —
 Hindoo. —

Dr. J. Conover's

Building for Native

D^o No. 1.

80 — 100 — 1

Announcement shop for the

Bathory

(offered from)

13) Commissariat Buildings: 2 1/2 — 22 — 5 Government Docking

Leahurst own

Expenses, printed matter, &c.
- 4.320 1/2
January 1879

17380 80 17380 The estimate for the work is

Native Country

at our field

4000

4000 estimate to our first plantation.

32422 furnished one for the present
 required in half the amount
 only.

23.000 Reclutants to improve
 23.000

Amount Outlay
of Actual Expenditure
of fund during Grant
Estimate of 1880-81 1881-82 1882-83
Lemahong and Palompon

F. J. Connerab, Buildings and Roads for the year 1882-83.

3/20.0
21

Original
Other services

Detail of the Budget Estimate of

Head of Executive
Classification Division
The Secretary of Projects and Works

Other services
Civil Buildings
Original Works

Telegraph & Postal and Coast Administration
1 Conty. Telegraph office
2 Conty. Post office

Minor Works - Postal

Total Civil Buildings

Miscellaneous Public
Improvements
Total other services

Abstract

Budget Estimate for 1922-23

Buildings and Roads

Imperial

3/20.11
30
Total

Estimated 1922-23
Amount other services

Military
Original Works 10,000
Repairs 2,000
Total Military 12,000

Other Services
Civil Buildings 8,000
Repairs 2,000
Total Civil Buildings 10,000

Miscellaneous Public
Improvements
Original Works
Repairs
Total other services

Imperial

Changes

3120 19

Second Circle

Abstract of the Budget Estimate of Expenditure in other divisions for the year from 1st April 1882 to 31st March 1883 -

Approved Budget Budget Regular to Detailed Estimate Estimate Estimate
Rs. Rs. Rs. Rs.
1881-82 1882-83 1881-82 1881-82

Other Sources
Original White 223 19,150 11,100 14,163
Deposits - 4 1600 " 842

Madras Revenue Public Income

Rs.

St. John's 5 5262
St. John's 5 526

St. John's

Total other Sources 26638 19131

Contents.

Abstract of the Budget Estimate of Charges — Page 1.

Part I - Detail of Estimate for Original Works - 2 v. 3.

II - D. D. for Japan

III — 90. — 90. für Zetalkommunik.

5. " IV. — Q. — Q. for Jobb and Blank-

Reimbursed
3rd October 1881.

Major R.E.
Dupuy. Engineer. 2nd Div.
[Signature]

1882-83.

for the year

Other Services

of

Imperial Budget Estimate.

Public Works Department

Imperial
Other Services

General Bill

No 420

3/20-4
17

11

24.28.5660

11

Important
 Military works
 Part II
 Second book
 Budget Estimate for Repairs, Military
 for the year 1882-83

Next consecutive
 if
 Classified: Duration, locality, items
 Amount Total Amount Total

Important
 Ordinary
 Military
 Repairs

Military Engineering
 Annual Repairs 50,000
 27,840

Computation
 92 — 400
 900

South West
 92 — 3500
 3500

Salem
 92 — 4000
 4684

West Coast
 92 — 30,000
 27,600

Total Outlay
 68,200
 64,324

Important
 Military works
 Part III
 Second book
 Budget Estimate for Establishment
 for Important Military works for 1882-83.

Budget Budget
 Estimate Estimate
 1882-83 1881-82

Military
 Works — 125,833
 Provision of Rs. 48,508
 28,831
 25 percent on the 48,508
 19,403 for works
 and repairs —
 19,403

Total Outlay
 48,508 28,831

Part IV

Budget Estimate for Veto and Demand for
 Important Military works for 1882-83.

Budget Estimate
 1882-83 - male 1881-82

Military
 Works — 125,833
 Provision of Rs. 19,403
 48,51
 28,83
 2 1/2 percent on the
 for works and
 repairs —
 19,403

Total Outlay
 48,51 28,83

Part I

Original
Sinking works

Detail of the Budget Estimate of

Head of
Expenditure
Locality
District
Classification
of projects & works

Brought forward

Mining (contd.)
Original works (contd.)

Commissioner West Coast Kammaru 8
downed battery

Stables into a Bakery
for the use of the
troops

9 Minor works

1000
Sinking works

(Continued)

Original works for the year 1882-83

Sum and Contd

Cutting
of road
if found during
1880-81 1881-82
Sum
of 1882-83
Sum and Contd
of 1882-83

9773 770 60

8

Sum No. 10 of Budget
of 1879-80. Work deferred
under No. 993M. of 21st
April 1880 class C.

17000

26773 970 60

125833

(1)

(9)

Part 1 (Continued)

Second Route

Head of	(Scientific)	Locality	Alt.	Trips & works
Classification	Quercus	on		

Recommendation
for Druggists.—
Buildings for
European Exports
in the Plains.

in the frame.
Immortal (conf), West Coast Cannons 4

5 — 28 — — 26 —

Erwidung für
Kath. Kirche

West End Cannons 7

(7)

9773 99060 -

1000

2800 6

Imperial
Military works

Detail of the Budget Estimate of

Head of Expenditure Division Locality No. The
Classification Division No. The
Project and Works

Imperial Ordinary Military
Original Works
Barracks for European
Troops at Penamallé

New double-alarmed barracks
for 200 men with out houses
New quarters for thirty
families with out houses
No. for Apothecary
Allocations for existing
buildings and demolitions
Deduct value of old materials

Gr. St. Thomas 2 New Barracks for Royal
Artillery
West Coast Mallogam 3 Barracks with out houses
and Hospital

Commitment
(2)

Part I

Original Works for the year 1882-83
3120.00
16
Second Route

Amount of Actual Probable
of Budget during Normal Special Or
1880-81 1881-82
Cutting Grand 1882-83
The Committee & References

240,506 144,29 5,427

(a)	168,885
(b)	82,300
	11,500
	184,76
	274,811
	4,505
	240,506

1 35,000 144,29 5,427
Deduct value of the cost of
under Regular Army in use
of 1878-79 8,094 465 w of
19th July 1881-82
of 1881-82

2 20,000 2
3 35,000 3
90,000
(3)
Barracks submitted to Govt
with 8.5% 14,161 dollar 13.5%
new with taking contract
90,000 181-82

Expenses Budget Budget Regular
 to detail estimate estimate
 estimate 1882-83 1881-82
 Page 10 10 10
 1881-82

Abstract of the Budget - Estimate of Expenditures
 for the year from 1st April 1882
 to 31st March 1883.
 Second Series
 Changes
 3/15

Original works	2 - 7	125,833	51,000	60,398
ITP	8	68,200	64,324	64,924
Establishment	9	48,508	28,831	31,105
Yards and plant	9	4,851	2,883	3,111
Malindi	"	24,739	14,703	15,863

Contents

Abstract of the Budget - Estimate of charges -	1
Part I Detail of Estimate for Original works -	2-7
I - for repairs -	8
II - for Collections -	9
IV - for Ink and Blank -	9

3/20-2
14

Superintending Engineer & Clerk

Major H. E.

[Signature]

Inspectors,
31 October 1881

1882-83

for the year

Military Works

of

Imperial Budget Estimate

Public Works Department

Second Book

3120-13

No. 419

Military Works

Imperial

Works, President

Imperial Military for the year 1882-83

Amount of Estimate	Outlay		Grant for 1882-83		Item No.	Remarks and References
	Actual to end of 1880-81	Probable during 1881-82	Normal	Special		

85,013 169,441 13,900 13,42 17 G.O. No. 244018 of 31 Oct. 1879

1878 18 Estimate with Military authorities
G.O. No. 227218 of 16 Sept. 1880

25,052 19 Estimate with Military authorities
G.O. No. 227218 of 16 Sept. 1881

$$\begin{array}{r} 3120^{\circ} \text{W} \\ \hline 27 \end{array}$$

Apr - 7.

Imperial, Military for the year 1882-83.

Imperial
Military Works.

Superintendent of
Part

Detail of the Budget Estimate of Original Works.

V
3/20.4
28

Head of - Executive
Classification. Division. Locality. Item No. Project and Works.

Ordnance
Works. Residing. Veyyampandy
Madras. 24 Gun Carriage factory.
Barrel Machine Shop roof
renewal and repairs.

Commisariat
Buildings. 20. Madras. 25. Neynampet. Constructing a
Slaughter House.

20. 20. 20. 26 Constructing Butchers
Quarters.

20. 20. 20. 27 Sheds for public cattle and
lines for their attendants.

20. 20. Bangalore. 28 Sifting room for the Com-
missariat Department.

20. 20. 20. 29 Quarters for Staff Sergeants
at or near the public cattle
lines.

20. 20. Madras. 30. Coarsely wheat powder for the
Govt Bakery at Neynampet.

Imperial 3/20.45
 28
Other Services & Military Works.

Trichinopoly District
Part I

Detail of the Budget Estimate for Original Works for the year 1882-83.

Heads of classifi- cation	Executive Division	Locality	Item No.	Project and works	Amount of Estimate	outlay Grant 1882-83					Total	Item No.	Remarks & Reference
						Actual to end of 1880-81	Provisional during 1881-82	Works in progress	Works not commenced				
				<u>Other Services</u>									
				<u>Nil</u>									
				<u>Military</u>									
Military	Trichinopoly	Trichinopoly	1	Minor Original works						600	1		For the provision of fur- niture for 3 School Houses vide G.O. No 2302 M dated 17 th September/81 -

Suff Engineer's Office 3rd mile
 Camp Upper ancient 18th Co. to be 1881

L. Beatty. Lt. Col. R.E.
 Suff Engineer 3rd mile

Suff

V

From
The Supt Engineer
3^d Circle

To,
The Chief Engineer
P. M. D.

Dated 18th October /81
R^d

Trichinopoly District
Imperial
Other Services and
Military Works

Detail of the Budget
Estimates for Original
works for the year 1882-83.

VI

3195.4
29

Imperial
Other Services &
Military Matters.

Trickinopoly District
Part II.

Part of the Budget Estimate for Repairs for the year 1882-83.

Head of
Classification
Executive
Division
Locality

Shore.

Amount	1882-83	1881-82
Estimate		
Total		

Remarks.

Other Services

— Nil —

Imperial Ordinary

Military

Repairs

Accommodation for European

Infantry —

— 80 — Artillery —

— 80 — Native Infantry —

— 100 — General purposes —

Buildings for staff purposes —

Communications buildings —

Ordnance buildings —

Compassation for loss of quarters

Military subdivisions —

Medical subdivisions —

Military Roads

Communication Roads —

Total —

When last year's
Budget was sub-
mitted there was
only one proposed
at Trickinopoly now
there are three and
this year's Budget
grant has been
found insufficient
to meet these a large
alteration is re-
quired for.

Military

Trickinopoly

Trickinopoly

Cash balance carried
18 October 1882

3120 1/2

Receipts 21 Feb 1883
by Begum's Office

W

From,
The Supg Engineer
3rd Circle

To,
The Chief Engineer
P.W.D.

Dated 18th October/81

Rd.

Imperial
Other Services and
Military

Detail of the Budget
Estimate for repairs
for the year 1882-83.

Imperial Trinevelly District
Other Services Trinevelly Division.
Appendix A.

3120.41
30

Abstract of the grants for 1882-83 for Other Services
arranged by Departments + Departmental Heads.

	Original works.								
	In pro- gress	not com- menced	Repairs	Total works + Repairs.	Establishment	Tools + Plant	Total 1882-83	Regular estimate 1881-82.	
<u>Civil Buildings</u>									
Post Offices	"	"	550	550	137	13	700	700	
Telegraphs	"	"	"	"	"	"	"	"	
Salt	"	"	"	"	"	"	"	"	
Total	"	"	550	550	137	13	700	700	
<u>Miscellaneous Public Improvements.</u>									
<u>Light Houses.</u>									
	"	6,570	"	6,570	1692	164	8,426	"	
Total	"	6,570	"	6,570	1692	164	8,426	"	
Grand Total	"	6,570	550	7,120	1,829	177	9,126	700	

Camp Buddala
11th October/81

L. Beatty. Lt Col R.E.
Supg Engineer 3rd Circle

VII

From,

The Sup^r Engineer
3^d brick

To,

The Chief Engineer
P. W. D.

Dated 14th October 1881

Trinnevelly District

Imperial
Other Services
appendix A.

Abstract of the grants
for 1882-83 arranged
by Departments and
Departmental Heads.

VIII
3120-W
21

Imperial
Other Services 3120.11
31

Innevelly
Part I. District

Detail of the Budget Estimate for original works for the year 1882-83.

Head of Classification	Executive Division	Locality	Item No.	Projects and works.	Amount of Estimate.	Outlay Grant 1882-83.				Total	Item No.	Remarks and References.	
						Actual to end of 80-81	Probable during 1881-82	Works in progress.	Works not commenced				
Light Houses	Trincomelly	Muttam	1.	Other services.									
				Miss. Public Improvements.									
				Original works									
				Constructing a Light House.	6,570	"	"	"	6,570	6,570	1	Included in the Port and Harbour Budget. G.O. No 2,065 W. dated 20th August 1881.	
				Total other Services						6,570			

Camp Buddalore,
11th October 1881.

L. Beatty. Lt Col. R.E.
Sup. Engineer 3rd Circle

Imperial
military works.

Trinnevelly District
Part II.

Detail of the Budget Estimate for Repairs for the year 1882-83.

Head of Section Classification Division	Locality	Items.	Estimate 1882-83.		Estimate 1881-82.		Remarks.
			Amount	Total	Amount	Total	
military	Trinnevelly	Palanacottah	Imperial Ordinary military		Annual Repairs.		
			500	500	500	500	

IX
3120
32

Rank Buddaloney
11th October 1881

Palanacottah - 11 408 88
Sup^e Engineer 32 Circle

From.

The Sup^e Engineer
32 Circle

To.

The Chief Engineer
P. W. D.

Dated 11th October/81

Trinnevelly District

Imperial

Other Services

Part I

Detail of the Budget
Estimate for Original
works for 1882-83.

VIII

IX

From,

The Sup^d Engineer
3^d bridge

To,

The Chief Engineer
P. W. D.

Dated 11th October/81

Trincomalee District

Part II.

Imperial
Military works

Detail of the Budget
Estimate for Repairs
for the year 1882-83.

X.
3120-4
33

Imperial
military works.

3120^W
33

Trinnevelly District.
Part I.

Detail of the Budget Estimate for original works for the year 1882-83.

Head of classification	Executive Division.	Locality.	Item No.	Project & works.	Amount of estimate.	Grant for 1882-83.								Item No.	Remarks & References.
						Outlay.	Normal		Special		Total.				
						Actual to end of 30/81	Probable during 1881-82.	works in progress	works not commenced	Total.	works in progress	works not commenced	Total.		
				Imperial ordinary military major original works.											
				— mil. —											
	Trinnevelly.	Palamcottah.		minor original works.		"	"	"	"	"	"	"	200	1.	For the provision of school furniture vide G.O. No 2302 W. of 17 th September 1881-

Camp Buddalore
11th October 1881.

L. Beatty - Lt Col R.E.
Sup^r Engineer S.B.

7

From,

The Sup^r Engineer
32 Circle

To,

The Chief Engineer
P. W. D.

Dated 11th October 1881.

Trincovelly District

Part I.

Imperial
military works

Detail of the Bud-
get Estimate for
original works for
1882-83.

120

South Arcot District,
Services South Arcot Division

X1
3420.00
34

Appendix A.

of the grants for 1882-83 for Other Services
by Departments + Departmental Heads.

	Original works.		Repairs.	Total works + Repairs.	Establishment.	Tools + Plant.	Total 1882-83.	Regular Sate 1881-82.
	Progress	Not com- menced.						
Buildings								
Offices	"	"	"	"	"	"	"	"
Shops	"	"	"	"	"	"	"	"
	2,000	"	"	2,000	500	50	2,550	"
Total	2,000	"	"	2,000	500	50	2,550	"

Muddalora
Keto 12/81.

L. Beatty. Lieut Col R.R.

Sup^r Engineer 32 Circle.

XI

From

The Sup. Engineer,
3^d Arice.

To

The Chief Engineer,
P. W. D.

Dated 11th

Recd

{ October 1887.

South Arcot Division

Appendix A

Imperial

Other Services.

Abstract for the grants for
1882-83 for other services ar-
ranged by Departments
and Departmental Heads

XII

3120.1W
35

Imperial $\frac{3120^w}{30}$

Other Services.

South Arcot District
Part I.

Detail of the Budget Estimate for Original works for the year 1882-83.

Head of classification.	Executive Division.	Locality.	Stem	Project + works.	Amount of estimate.	Outlay Grant 1882-83.						Total	Stem	Remarks & References.
						Actual to end of 30/8/81	Probable during 1881-82.	Works in progress.	Works not commenced.					
Salt	South Arcot	Merkanam	1.	Other Services.										
				Civil Buildings										
				Original works.										
				Constructing a Head Sluice and culvert with 12 feet road way across the Merkanam brine supply channel.	3,255	168	1,087	2,000	"	2,000	1.			
				Total								2,000		

No 3087 allotted in G.O. No 15794 of 17/6/81
G.O. No 19144 W dated
6th August 1881.

Camp Buddalore
11th October 1881.

P. Peatty. Lieut Col 24

Supr Engineer 32 Circle

Other Services

$$\begin{array}{r} 3120' W \\ \hline 36 \end{array}$$

Alphéide A.

In progress not commenced

Repairs

Total works
+ Repairs

Establishment.

Tools and
plant.

Total
1882-83.

Regular
Seminars
1881-82.

Renninbeo.

Levil Buildings

get
get

ball.

Total. _____

2

0002

1000

6000

0.051

150

10

4

from

To be placed at the disposal of the Secretariat Engineer
Tanjore Dis -

Camp Buckden
N^o October 1887. 3

Pickatts - June 10th 1890

Aug 9
Sugarcane
32 Bushels

Inoue

The Sup. 9 Engineer
III Circle

L

The Chief Engineer.
P. W. D.

Dated 11th
Recd } October 1887.

South coast District

Part I

Imperial

other services

Detail of the Budget
Submitted for original work
for the year 1882-83.

Other devices.

Langore District
Part I.

Detail of the Budget-Schedule for Original Works for the year 1882-83.

Executive
Division.

Locality

Specimen no.

Project + works.

amount of
Saturate!

actual to
end of 1880-81

Probable
during 1881-82

works in
progress
works not
commenced

Total

Specimen No.

Remarks and
References.

$$\frac{3120^w}{37}$$

dark — negaphatana negaphatana!

Head Bonetables +

Kind Brothers
Original work.

20 Bonafabbe Intl

1607

2

3

10

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٥٠٠

18229

$$\frac{G.O. \mu_e 29.21 \text{ m}^2}{19.7.1878}$$

total

১০

Bank Buddalore
N^o 1 October 1881.

Philly - Louis lost R20
 Ship's insurance 32 Louis

From,

The Sup^d Engineer
3^d Circle

20.

The Chief Engineer
P. W. D.

Date S. M. October 1871.

Danjore District

Imperial
Other Services

appendice A.

From,

The Sup^d Engineer
3^d Circle

To,

The Chief Engineer
P. W. D.

Dated 11th October 1881.

Sanjore District

Part I.

Imperial
Other Services

Detail of the Budget
Statement for Original
works for the year
1882 - 83.

N^o 10137C

From,

Lt. Col. J. Beatty R.E.
Suff Engineer 6th Circle

To,

Col. R. H. Lauriey C.B. R.E.
Chief Engineer P. W. D.,
Madras.

Sir,

With reference to your
Memo N^o 2405 of the 19th Oc-
tober 1881, calling for the Impe-
rial Military and other Service
Budgets of the Trichinopoly
Division for 1882-83, I have the
honor to inform you that the Bud-
gets in question were forward-
ed to your Office on the 18th Instant.

I have the honor Sir

Your Most Obedt. Servt.
J. Beatty. Lt. Col. R.E.
Suff Engineer 3^d Circle

See

P. W. D. 3RD CIRCLE

From

The Superintending Engineer,

3rd Circle.

To

The Chief Engineer
P. W. D.

No. 10137C

Dated 25 } October 1881/
Received 29 }

Enclosures.

Imperial Military &
Other Service Budgets of the
Trichinopoly Dist. for 1882-83.
Informs that the
were forwarded on the 15th inst.

No. 412 A.G.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.-

ACCOUNT.

General.

Simla, November 9, 1881.

Distribution of the Imperial grant for Military Works for 1882-83.

Read the following :-

Letter from Secretary to Government of Madras, No. 2293W., dated 16th September 1881.
" " " of Bombay, " 179A.-1451, dated 6th October 1881.
" " " of Bengal, " 2200A., dated 27th September 1881.
" " " of North-Western Provinces and Oudh, No. 2135B.R., dated 6th October 1881.
Letter from Secretary to Government, Punjab, No. 315C., dated 19th October 1881.
" " to Chief Commissioner, Central Provinces, No. 7856, dated 4th October 1881.
Letter from Secretary to Chief Commissioner, Assam, No. 1582, dated 22nd September 1881.
Letter from Secretary to Agent, Governor General, Rajputana, No. 2514S., dated 10th October 1881.
Letter from Secretary to Resident, Hyderabad, No. 222G.A., dated 5th October 1881.
Telegram from " " dated 11th October 1881.
Letter from Secretary to Agent, Governor General, Central India, No. 2861, dated 6th October 1881.
Letter from Secretary to Chief Commissioner, Coorg, No. 857-4168, dated 15th October 1881.
Letter from Inspector General, Military Works, No. 5278, dated 12th October 1881.
" Secretary to Agent, Governor General, Beluchistan, No. 3081, dated 6th October 1881.

RESOLUTION.—The demands for military works under the Inspector General, Military Works, and those under Local Governments and Administrations are here considered together. Taking up the several schedules submitted, the demand for 1882-83 may be abstracted as follows and compared with the corresponding budget grant for 1881-82 :-

	Demand, 1882-83. Rs.	Grant, 1881-82. Rs.
Madras ...	15,79,419	4,70,000
Bombay ...	22,07,070	13,00,000
Bengal ...	5,28,517	60,000
North-Western Provinces and Oudh ...	19,050	20,000
Punjab ...	9,25,000	5,50,000
Central Provinces ...	7,26,000	3,50,000
Assam ...	3,39,512	1,50,000
Hyderabad ...	4,20,000	2,50,000
Rajputana ...	2,23,400	2,00,000
Central India ...	6,70,000	2,00,000
Coorg ...	9,030	10,000
Inspector General, Military Works ...	64,00,800	57,40,000
Beluchistan ...	9,91,000	4,20,306
British Burma ...	...	...
Reserve for unforeseen works ...	...	3,82,857
Total ...	1,50,38,793	1,01,03,163

2. It is thus observed that the demands for 1882-83 exceed the total Imperial Military Works grant for 1881-82 by Rs. 49,35,635, whereas financial requirements make it absolutely necessary that the grants now to be made for military works for the ensuing official year should not, with the amount to be held in reserve, exceed in the aggregate Rs. 1,00,00,000. Some of the demands must therefore be cut down, and in this view the reductions shown in the following table are made:—

	Demands, 1882-83.	Provisional grant, 1881-82.	Reduction or addition.
	Rs.	Rs.	Rs.
Malwa	15,79,419	6,20,000	-9,59,419
Bombay	22,07,070	11,00,000	-11,07,070
Bengal	5,28,517	1,32,000	-3,96,517
North-Western Provinces and Oudh	19,000	10,000	-9,000
Punjab	9,25,000	4,50,000	-4,75,000
Central Provinces	7,26,000	3,22,000	-4,04,000
Assam	8,79,512	2,50,000	-6,29,512
Hyderabad	4,70,000	3,00,000	-1,70,000
Rajputana	2,23,400	2,00,000	-23,400
Central India	8,70,000	2,23,000	-6,47,000
Cooch	9,000	9,000	—
Inspector General, Military Works	64,09,500	54,05,000	-9,04,500
Helicheston	9,91,000	4,20,000	-5,71,000
British Burma	—	3,00,000	+3,00,000
Reserve	—	2,00,000	+2,00,000
Total	4,50,38,798	1,00,00,000	-35,38,798

3. The Government of India being of opinion that Local Governments and Administrations can best judge of the requirements of their own provinces, has not made specific reductions from the amounts demanded in order to bring the grants down to the sums now provisionally assigned. Lump sum reductions have therefore only been made, and it is left to each Local Government and Administration to distribute the grant assigned as may appear best to the military authorities, due attention, however, being paid to the remarks in the following paragraphs and care being taken to provide for the completion in the first instance of all works in progress before new works are undertaken. The grants herein allowed for all provinces include provision for any expenditure that may be incurred in England on stores for works classed as military. The budget estimates should be prepared for the amounts now provisionally sanctioned and submitted so as to reach the Government of India punctually on the 15th January 1882.

4. *Bombay.*—The provisional grant now assigned should provide for only works in progress after setting aside a sufficient sum for the new infantry barracks at Colaba. An additional grant for the Colaba barracks will probably be made next year if funds are then available.

Bengal.—Of the grant sanctioned, Rs. 3,000 should be set aside for outlay on the Sikrana protective works, Segouly, and Rs. 60,000 for the new military account offices at Calcutta. It is observed that the grant of Rs. 60,000 for the latter work will not permit of any considerable progress being made towards its completion, but any application which may be received early next year for further funds for this work will meet with favorable consideration if the estimate is then sanctioned. The balance of the provisional assignment may be distributed as the Local Government may think fit.

Punjab.—In the Punjab schedule a demand for a lakh of rupees of Imperial money has been made for improvements to the Koshalgarh-Thall road. In March 1881 the question of the completion of this road was carefully considered, and it was finally decided that the cost of the work should be

debited to Imperial funds, and that when completed the road should be maintained from Provincial resources. An Imperial grant was assigned for this purpose, which grant has been considerably exceeded. Any further improvements which the Government of the Punjab may now desire to make in connection with the road must be carried out from Provincial funds.

Central Provinces.—Of the provisional grant now sanctioned the Government of India considers that Rs. 61,000 should be provided for the undernoted works in progress:—

	Rs.
Remodelling No. 8, European Infantry Barracks, Kamptee	21,000
Road from Asirgarh to Chandni Railway Station	17,000
Reconstructing walls of Asirgarh Fort	20,000
Remodelling Sitabdi Fort	20,000

The assignment recommended for the Asirgarh Fort should only be made provided the estimate has been sanctioned before the commencement of 1882-83. The balance of the provisional assignment should, after due provision has been made for repairs, be distributed as the local Military authorities may recommend among the new works entered in the schedule of demands.

Assam.—The Government of India is of opinion that the bulk of the provisional grant of Rs. 2,50,000 for military works in Assam should be distributed to works in connection with the new station of Kohima, after providing for the undermentioned three works:—

	Rs.
1—Substituting iron for thatched roof of Military Hospital at Dibrugarh	4,000
2—Frontier roads in Cachar	5,000
3—Frontier outposts and communications at Lakhimpur	4,500

British Burma.—Under Financial Department Resolution No. 3353, dated 30th September 1881, military works in British Burma are henceforth to be classed as Imperial, and consequently have to be met from the annual grant of a crore of rupees. No demand has been made by that province, but a lump sum grant of Rs. 3,00,000 is made on the basis of outlay in former years before the provincial system came into play. The distribution of this grant is left to the Chief Commissioner in consultation with the military authorities concerned.

Rajputana.—The detailed budget estimate should be prepared for the amounts demanded after excluding therefrom the undernoted sums:—

	Rs.
From demand for quarters for hospital servants, Royal Artillery, Deesa	2,600
From concrete floor and stone runs for gun-shed, Deesa	4,000
" elephant and cart sheds	5,900
" improvements to slaughter-house	3,000
" Minor Works, Military	6,100
" Barrack Department	1,800
Total	23,400

The demands for the four major works are disallowed until the question of the retention of the Deesa Cantonment is definitely settled.

Central India.—From the detailed budget, provision for the Mhow water-supply should be excluded, as Imperial funds cannot at present bear the entire cost of the project. The five works at Neemuch and Sutna entered in the schedule of demands should also be omitted from the budget estimate, as these works cannot be carried out until the question of the withdrawal of British troops from the former station and the retention of the latter as a military cantonment is settled.

Beluchistan.—The reason for the large demand of Rs. 9,91,000, as compared with the grant of Rs. 1,20,300 for the current year, is explained to be due to the assumption that Government wishes to make a permanent cantonment at Quetta, and that a commencement must be made in the coming year. This matter is still under consideration, and as the provisional arrangements

Now in progress for housing the normal garrison have met with the approval of Government as excellent in themselves, the question of the Quetta cantonment of the future can be left for consideration hereafter, and all works in connection therewith should for the present be held in abeyance. The Government of India is also of opinion that the demands for Rs. 10,000 for buildings at Harnai or elsewhere and for Rs. 50,000 for a road from Sibi to Kuch by Harnai may under present circumstances be left out of the budget estimate. The provisional grant now assigned will, it is considered, be sufficient for works at Quetta in connection with the arrangements now in progress.

Inspector General, Military Works.—In Public Works Department Code, Cap. XV, sec. 1, para. 19, it is laid down that the programme of works for inclusion in the budget estimate for the ensuing official year should be sent by the Inspector General to the Quarter Master General for the consideration of His Excellency the Commander-in-Chief, after which it should be submitted by the Quarter Master General with the Commander-in-Chief's remarks to the Government of India in the Military Department for final orders. This procedure has not been followed in the present instance, consequently no definite orders can now be passed on the schedule of demands submitted by the Inspector General of Military Works. The detailed budget estimate should consequently be framed for the grant provisionally assigned, in consultation with the Quarter Master General of the Army, and it must meet with the approval of the Military Department before it can be finally passed. Care should be taken in framing the budget estimate to provide for all sanctioned works in progress and for carrying on the work of constructing the new head-quarters military offices at Simla. Any provision made in the budget estimate for this latter work will, if possible, be supplemented during the ensuing official year if funds are available.

5. In the budget estimate, of provinces to which the Provincial Service arrangements apply, the charge to Imperial funds on account of Provincial establishments supervising Imperial military works should, under the rulings contained in Public Works Department Circular No. XX, dated 29th September 1881, be calculated in the proportion of 23 per cent. on the outlay on works and repairs.

The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Outh, and the Punjab, in the Public Works Department.
The Chief Commissioners, Central Provinces, British Burma, Assam and Coorg.
The Resident at Hyderabad.
The Agents to the Government General for Central India, Baluchistan and Bikanistan.
The Superintendent of Port Blair and Chief Commissioner, Andaman and Nicobar Islands.

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

Ordered also, that copies be forwarded to the Finance and Military Departments for information.

M. D. D.

Colonel, R.E.,

Offg. Secy. to the Govt. of India.

Sd/-
The Secy to the Govt. of Madras
P.W. Dept.
with 6 copies each

3120-w
41

GOVERNMENT OF INDIA
PUBLIC WORKS DEPARTMENT

ACCOUNT
General

To

No. 412 A.G.

Dated Simla, November 9/1881.

Received

Distribution of the Imperial grant for Military Works for 1882-83

B.C.R. No. 104 - No. 10 P.W.D. A.G. - 10/11/81

Appendix No. 1 to G.O., No. 2,292, dated 16th

BUILDINGS AND ROADS

SCHEDULE of the probable requirements of the Madras Presidency on account

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Class.	Original.		
						Major Works.		
						Works in Progress.	New Works.	Total.
IMPERIAL ORDINARY.								
MILITARY.								
Original Works.								
(1) Accommodation for Troops—Buildings for European Troops in the plains, permanent.	Chingleput	Poonamallee	1	Barracks for European Troops at Poonamallee. New double storied barracks for 200 men with out-houses. Do. for Apothecary. Alterations to existing buildings and demolitions.	A.	1,00,000	..	1,00,000
	Do.	St. Thomas Mount.	2	Two new barracks for the East Field Battery in lieu of one old barracks which has been vacated as unsafe.	A.	..	75,000	75,000
	Do.	Do.	3	Stables for horses for two Field Batteries ..	A.	..	50,000	50,000
	West Coast	Malapuram	4	Barracks for detachment, British Infantry, to accommodate 100 men.	A.	..	55,000	55,000
	Do.	Do.	5	Hospital for detachment, British Infantry.	A.	..	18,000	18,000
	Do.	Do.	6	Canteen for do. do.	A.	..	5,000	5,000
	Do.	Do.	7	Gymnasium for do. do.	A.	..	5,000	5,000
	Do.	Cannanore	8	A plunge bath of the standard plan for the British Infantry.	B.	..	4,000	4,000
	Do.	Do.	9	Improving latrines of the British Infantry Regiment.	B.	..	2,700	2,700
	Do.	Do.	10	Bearded Horses to the hospital of the British Infantry.	B.	..	5,500	5,500
	Presidency	Bangalore	11	Completion of compound wall round Parade Barracks.	A.	..	4,000	4,000
	Do.	Do.	12	Alterations and additions to wash-houses for the British Infantry.	B.	..	12,500	12,500
	Do.	Do.	13	New armourers' shop for the Parade Barracks.	A.	..	4,000	4,000
	Cuddapah	Bellary	14	New gun-shed with collar-makers and wheelers' shops combined for the Royal Artillery.	B.	..	25,000	25,000
	Presidency	Bangalore	15	Garrison Gymnasium of the fourth class ..	B.	..	44,000	44,000
	Do.	Do.	16	Quarters for School Master and school Mistress of the British Infantry.	B.	..	6,100	6,100
	Do.	Do.	17	Constructing stables for three Batteries, Royal Horse Artillery and Field Batteries.	B.	..	59,000	59,000
	Do.	Fort St. George.	18	A covered gymnasium in the Ball Alley of the European Regiment in the Fort.	A.	..	2,500	2,500
	Do.	Do.	19	Purchase of the Exchange House at Fort St. George and the Officers' Mess of the European Infantry Regiment.	A.	..	80,000	80,000
	Cuddapah	Bellary	20	New pattern punkahs for half a Battalion of British Infantry.	B.	..	2,242	2,242
	Do.	Do.	21	Constructing stables for one Field Battery.	A.	..	40,000	40,000
	West Coast	Wellington	22	New flooring to latrines of barracks and family quarters.	A.	..	3,000	3,000
	Do.	Do.	23	Supplying cooking stoves to each married quarter.	B.	..	6,000	6,000
	Do.	Do.	24	New wash-houses fitted with boilers, drying and ironing rooms for the married quarters.	B.	..	2,100	2,100
	Do.	Do.	25	Bath-rooms to wash-houses ..	B.	..	3,100	3,100
	Do.	Do.	26	Constructing a female hospital at the Wellington Depot.	B.	..	15,000	15,000
Carried over ..						1,08,345	5,19,550	6,27,895

Statement of the Madras Presidency on account of Imperial Works for 1882-83—cont.

Cham.	General Works				Repairs	Hatch- dock- work.	Tools and Plant.	Small Total.	Grand Total.	Remarks
	Works in Progress.	New Works.	Total.	Minor Works.						
1. Works on the ...	1,00,000	1,00,000	2,00,000	...	...	...	...	...	...	...
2. Works on the ...	...	...	...	...	...	...	...	...	...	...
3. Works on the ...	...	...	...	...	...	...	...	...	...	...
4. Works on the ...	...	...	...	...	...	...	...	...	...	...
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6. Works on the ...	...	...	...	...	...	...	...	...	...	...
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12. Works on the ...	...	...	...	...	...	...	...	...	...	...
13. Works on the ...	...	...	...	...	...	...	...	...	...	...
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26. Works on the ...	...	...	...	...	...	...	...	...	...	...
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30. Works on the ...	...	...	...	...	...	...	...	...	...	...
31. Works on the ...	...	...	...	...	...	...	...	...	...	...
32. Works on the ...	...	...	...	...	...	...	...	...	...	...
33. Works on the ...	...	...	...	...	...	...	...	...	...	...
34. Works on the ...	...	...	...	...	...	...	...	...	...	...
35. Works on the ...	...	...	...	...	...	...	...	...	...	...
36. Works on the ...	...	...	...	...	...	...	...	...	...	...
37. Works on the ...	...	...	...	...	...	...	...	...	...	...
38. Works on the ...	...	...	...	...	...	...	...	...	...	...
39. Works on the ...	...	...	...	...	...	...	...	...	...	...
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42. Works on the ...	...	...	...	...	...	...	...	...	...	...
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44. Works on the ...	...	...	...	...	...	...	...	...	...	...
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51. Works on the ...	...	...	...	...	...	...	...	...	...	...
52. Works on the ...	...	...	...	...	...	...	...	...	...	...
53. Works on the ...	...	...	...	...	...	...	...	...	...	...
54. Works on the ...	...	...	...	...	...	...	...	...	...	...
55. Works on the ...	...	...	...	...	...	...	...	...	...	...
56. Works on the ...	...	...	...	...	...	...	...	...	...	...
57. Works on the ...	...	...	...	...	...	...	...	...	...	...
58. Works on the ...	...	...	...	...	...	...	...	...	...	...
59. Works on the ...	...	...	...	...	...	...	...	...	...	...
60. Works on the ...	...	...	...	...	...	...	...	...	...	...
61. Works on the ...	...	...	...	...	...	...	...	...	...	...
62. Works on the ...	...	...	...	...	...	...	...	...	...	...
63. Works on the ...	...	...	...	...	...	...	...	...	...	...
64. Works on the ...	...	...	...	...	...	...	...	...	...	...
65. Works on the ...	...	...	...	...	...	...	...	...	...	...
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67. Works on the ...	...	...	...	...	...	...	...	...	...	...
68. Works on the ...	...	...	...	...	...	...	...	...	...	...
69. Works on the ...	...	...	...	...	...	...	...	...	...	...
70. Works on the ...	...	...	...	...	...	...	...	...	...	...
71. Works on the ...	...	...	...	...	...	...	...	...	...	...
72. Works on the ...	...	...	...	...	...	...	...	...	...	...
73. Works on the ...	...	...	...	...	...	...	...	...	...	...
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100. Works on the ...	...	...	...	...	...	...	...	...	...	...

Appendix No. 2 to G.O., No. 2,292, dated 16th September 1881.

List of Military Works estimated to cost Rs. 2,500 each or under and for which funds are required in the Public Works Budget for 1882-83.

Division or District.	Station.	Description of Buildings &c., and for what Corps or Department needed.	Approximate Estimate of Cost.	Remarks by the Standing Barrack Committee as to the necessity of the buildings; references to Government orders, &c.	Remarks by the Officer Commanding Division or District.	Remarks by the Commander-in-Chief.	
Central District.	Madras.	<i>General Depot.</i> —A detached garrison for the storage of wheat with verandah on both sides in Government Bazaar.	800	There is no place at present, should emergency demand the necessity of the building, by the introduction of wheat into the main building.	Recommended as being a great necessity.	Approved.	
		<i>Gun Powder Factory.</i> —Breaking down house, one breaking down machine, one house for 6 horse-power engine and boiler.	500	G.O., No. 49, dated 7th January 1874.	Recommended as being a great necessity.	Do.	
		<i>Do.</i> —Powder magazine, one wooden flooring, and thorough repair.	1,000	G.O., No. 1,301, dated 24th March 1875.	Recommended as being a great necessity.	Do.	
		<i>Do.</i> —For constructing a road tunnel of three miles in the north coming to the magazine.	550	G.O., No. 1,232, dated 1st March 1881.	Recommended as being a great necessity.	Do.	
		<i>Do.</i> —Attains foundation of inner walls of the magazine in connection with solution to the factory.	550	W. No. 423 W., dated 17th February 1881.	Recommended as being a great necessity.	Do.	
St. Thomas' Mount.	St. Thomas' Mount.	<i>General Depot.</i> —The levelling of the magazine compound and a system of drainage to carry off the washings of the factory.	950	There is no drainage water reject, and for sanitary purposes it is necessary that the system should be levelled and a proper system of drains laid down.	Recommended as being a great necessity.	When funds are available.	
		<i>Do.</i> —Dispensary for Veterinary Department.	1,800		Recommended as being a great necessity.	Do.	Do.
		<i>Artillery Barracks, New Barracks.</i> —Enlargement of section.	700	This section requires enlargement, the room too small.	Recommended when funds are available.	Approved.	
		<i>Artillery Barracks.</i> —Fitting up for bullock draught with troughs for watering horses with Nos. 3 and 7 in the South Barracks and No. 6 in the North Barracks.	655				These works are recommended for early execution, for they will enable the Barrack of Artillery at St. Thomas' Mount to be supplied with coal and water, and to be fitted up for the use of horses and mules for the transport of heavy guns and other stores.
		<i>Do.</i> —Do., with No. 26, Horse Artillery Division.	240				When these works are completed, the water can be used for the water supply of the barracks and other buildings.
		Carried over...	7,345				

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List of Military Works estimated to cost Rs 2,500 each or under and for which Funds are required in the Public Works Budget for 1892-93—cont.

Province or District	Station	Description of Building, etc., and for what purpose or Department	Approximate Estimated Cost	Remarks by the Standing Bureau Committee as to the necessity of the building, etc., and as to the estimated cost	Remarks by the Officers commanding the Districts as to the necessity of the building, etc., and as to the estimated cost	Remarks by the Government as to the necessity of the building, etc., and as to the estimated cost
Madras District	St. Thomas Mount	Public Works Dept.—Building a wall, enclosing a plot and through approach.	Rs 1,500	Required in the public works Dept. to enclose a plot of about 100 yards square, and to build a wall 10 feet high, and to build a through approach to the plot.	When funds are available	Do.
		Do.—Lighting substation for the new line of the railway.	1,200	Very urgent. Required for the new line of the railway.	Do.	Do.
	Dumraon	Do.—Lighting substation for the new line of the railway.	200	Very urgent. Required for the new line of the railway.	Do.	Do.
		Do.—New latrine for the new line of the railway.	200	Very urgent. Required for the new line of the railway.	Do.	Do.
	Colony	Do.—New latrine for the new line of the railway.	200	Very urgent. Required for the new line of the railway.	Do.	Do.
		Do.—New latrine for the new line of the railway.	200	Very urgent. Required for the new line of the railway.	Do.	Do.
	Mylapore	Do.—New latrine for the new line of the railway.	200	Very urgent. Required for the new line of the railway.	Do.	Do.
		Do.—New latrine for the new line of the railway.	200	Very urgent. Required for the new line of the railway.	Do.	Do.
	Mylapore	Do.—New latrine for the new line of the railway.	200	Very urgent. Required for the new line of the railway.	Do.	Do.
		Do.—New latrine for the new line of the railway.	200	Very urgent. Required for the new line of the railway.	Do.	Do.
Mysore Division	Bangalore	Do.—Floor of European Non-Commissioned Officers' quarters to be raised.	900	Desirable, floors uneven	Do.	Do.
		Do.—Hospital lavatory and increase of surgery accommodation.	1,000	Desirable	Do.	Do.
	Bangalore	Do.—Hospital lavatory and increase of surgery accommodation.	2,000	Do.	Do.	Do.
		Do.—Hospital lavatory and increase of surgery accommodation.	1,750	Do.	Do.	Do.
	Bangalore	Do.—Hospital lavatory and increase of surgery accommodation.	1,000	Do.	Do.	Do.
		Do.—Hospital lavatory and increase of surgery accommodation.	1,000	Do.	Do.	Do.
	Bangalore	Do.—Hospital lavatory and increase of surgery accommodation.	1,000	Do.	Do.	Do.
		Do.—Hospital lavatory and increase of surgery accommodation.	1,000	Do.	Do.	Do.
	Bangalore	Do.—Hospital lavatory and increase of surgery accommodation.	1,000	Do.	Do.	Do.
		Do.—Hospital lavatory and increase of surgery accommodation.	1,000	Do.	Do.	Do.
Wellington	Wellington	Do.—Gymnasium	2,000	Desirable	Do.	Do.
		Do.—Gymnasium	10,000	Desirable	Do.	Do.
	Wellington	Do.—Gymnasium	2,000	Desirable	Do.	Do.
		Do.—Gymnasium	10,000	Desirable	Do.	Do.
	Wellington	Do.—Gymnasium	2,000	Desirable	Do.	Do.
		Do.—Gymnasium	10,000	Desirable	Do.	Do.
	Wellington	Do.—Gymnasium	2,000	Desirable	Do.	Do.
		Do.—Gymnasium	10,000	Desirable	Do.	Do.
	Wellington	Do.—Gymnasium	2,000	Desirable	Do.	Do.
		Do.—Gymnasium	10,000	Desirable	Do.	Do.

Province or District	Station	Description of Building, etc., and for what purpose or Department	Approximate Estimated Cost	Remarks by the Standing Bureau Committee as to the necessity of the building, etc., and as to the estimated cost	Remarks by the Officers commanding the Districts as to the necessity of the building, etc., and as to the estimated cost	Remarks by the Government as to the necessity of the building, etc., and as to the estimated cost
Mysore Division	Bangalore	Do.—Floor of European Non-Commissioned Officers' quarters to be raised.	900	Desirable, floors uneven	Do.	Do.
		Do.—Hospital lavatory and increase of surgery accommodation.	1,000	Desirable	Do.	Do.
	Bangalore	Do.—Hospital lavatory and increase of surgery accommodation.	2,000	Do.	Do.	Do.
		Do.—Hospital lavatory and increase of surgery accommodation.	1,750	Do.	Do.	Do.
	Bangalore	Do.—Hospital lavatory and increase of surgery accommodation.	1,000	Do.	Do.	Do.
		Do.—Hospital lavatory and increase of surgery accommodation.	1,000	Do.	Do.	Do.
	Bangalore	Do.—Hospital lavatory and increase of surgery accommodation.	1,000	Do.	Do.	Do.
		Do.—Hospital lavatory and increase of surgery accommodation.	1,000	Do.	Do.	Do.
	Bangalore	Do.—Hospital lavatory and increase of surgery accommodation.	1,000	Do.	Do.	Do.
		Do.—Hospital lavatory and increase of surgery accommodation.	1,000	Do.	Do.	Do.
Wellington	Wellington	Do.—Gymnasium	2,000	Desirable	Do.	Do.
		Do.—Gymnasium	10,000	Desirable	Do.	Do.
	Wellington	Do.—Gymnasium	2,000	Desirable	Do.	Do.
		Do.—Gymnasium	10,000	Desirable	Do.	Do.
	Wellington	Do.—Gymnasium	2,000	Desirable	Do.	Do.
		Do.—Gymnasium	10,000	Desirable	Do.	Do.
	Wellington	Do.—Gymnasium	2,000	Desirable	Do.	Do.
		Do.—Gymnasium	10,000	Desirable	Do.	Do.
	Wellington	Do.—Gymnasium	2,000	Desirable	Do.	Do.
		Do.—Gymnasium	10,000	Desirable	Do.	Do.

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

16th September 1881, No. 2,292 W.

General.
Account.

Read the following paper:—

No. 116. From Brigadier-General H. O'CONNELL, Quartermaster-General, to the Secretary to Government, Public Works Department, dated Ootacamund, 18th July 1881, No. 884, (Through the Military Department).

In forwarding lists of Military Works for which funds are required in 1882-83, I have the honor, by order, to submit the following remarks for the consideration of Government.

2. It is earnestly requested that a liberal grant for Military Works in this Presidency may be made for the coming year. Expenditure on Military Works in this Presidency has, for some years past, been reduced to a minimum, in consequence of famine and war. Projects for military buildings which have long been sanctioned have either not been begun or, if commenced, have been carried on at a very slow rate. The result of putting off from year to year buildings that are urgently required is that new wants arise each year, which, added to those that have been previously deferred, swell our lists, till it becomes difficult to decide which of the many demands to recommend for prior consideration.

3. As an instance of this, I am directed to mention that stables for our Artillery horses are much needed, but have been again and again postponed, although in other Presidencies this want has, it is believed, long since been met. The horses of three Batteries at Bangalore, two at St. Thomas' Mount, and one at Bellary are still without cover. The Provincial Commander-in-Chief requests that this point may receive attention, and that, in addition to grants for works already commenced and for barracks and other buildings for the troops, a commencement may be made in 1882-83 of stables for at least two of the six batteries now without them, say one set at Bangalore or Bellary, and one at St. Thomas' Mount.

4. The advantages of stables are that horses last longer when under cover and are less subject to be temporarily unfit for work from diseases caused by exposure. The condition of the horses can be more easily maintained in stables, and there would be less wastage of forage and bedding than in open lines. The horse blankets and line gear would last much longer, and the cost of the extra blankets allowed for horses standing in the open would be altogether saved.

5. Good substantial lines for Native Regiments are wanted at many of our stations. The subject is now under the consideration of Government, and, pending orders, this want has not been noticed in the accompanying lists.

6. In the accompanying lists, works costing upwards of Rs. 2,500 each have been entered in the order of their respective importance for the whole Presidency, so that works for the same station will be found in different parts of the list. In the list of minor works, those for each station are entered collectively and in the order of their importance for each station. It is requested that the grants for minor works may be apportioned with reference to the total cost of Major Works entered in the list for each station.

No. 3,864.

Forwarded.

OOTACAMUND,
19th July 1881.(Signed) E. L. HANKIN, Colonel,
Ag. Secretary to Govt., Mil. Dept.

To the Secretary to Government, Public Works Department.

No. 117. ORDER THEREON, 16th September 1881, No. 2,272 W.

ORDERED that the schedule of Military requirements on account of Public Works under Buildings and Roads in the Madras Presidency for 1882-83 be submitted to the Government of India with the following letter.

2. Ordered also that the list of Military Works estimated to cost below Rs. 2,500 each be printed and circulated to Superintending Engineers and Superintendent of Works in view to the necessary plans and estimates being prepared in time to admit of the grant that may be made for Minor Works in 1882-83 being utilized.

3. Superintending Engineers and Superintendent of Works are also reminded that no time should be lost in the preparation and submission of the necessary plans and estimates for those unsanctioned works which have been entered in the schedule, as no work can find a place in the outgoing budget estimate for which plans and estimates have not been duly sanctioned.

(Here enter No. 2,293 W, dated 16th September 1881.)

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Superintendent of Works.
" Examiner of Public Works Accounts.
" Military Department.
" Financial do.

Exd. E. C. Shunker.
Spare Copies

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GENERAL
ACCOUNT.

Govt. of India
PUBLIC WORKS.

SUPERINTENDING ENGINEER

Dated September, 1881.

Forwarded

Recd.

G.O. 1344, 23rd October 1881.

RECEIVED

No. 116-117.

Schedule of Military Works
submitted to Public Works in the
Presidency for 1882-83, forwarded
Government of India.

No. 412 A.G.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.

ACCOUNT.

General.

Simla, November 9, 1881.

Distribution of the Imperial grant for Military Works for 1882-83.

Read the following :—

Letter from Secretary to Government of Madras, No. 2293W., dated 16th September 1881.
" " " of Bombay, " 179A.-1451, dated 6th October 1881.
" " " of Bengal, " 2200A., dated 27th September 1881.
" " " of North-Western Provinces and Oudh, No. 2135B.R., dated 6th October 1881.
Letter from Secretary to Government, Punjab, No. 315C., dated 19th October 1881.
" " " to Chief Commissioner, Central Provinces, No. 7856, dated 4th October 1881.
Letter from Secretary to Chief Commissioner, Assam, No. 1582, dated 22nd September 1881.
Letter from Secretary to Agent, Governor General, Rajputana, No. 2514S., dated 10th October 1881.
Letter from Secretary to Resident, Hyderabad, No. 222G.A., dated 5th October 1881.
Telegram from " " dated 11th October 1881.
Letter from Secretary to Agent, Governor General, Central India, No. 2861, dated 6th October 1881.
Letter from Secretary to Chief Commissioner, Coorg, No. 857-4168, dated 15th October 1881.
Letter from Inspector General, Military Works, No. 5278, dated 12th October 1881.
" Secretary to Agent, Governor General, Beluchistan, No. 3081, dated 6th October 1881.

RESOLUTION.—The demands for military works under the Inspector General, Military Works, and those under Local Governments and Administrations are here considered together. Taking up the several schedules submitted, the demand for 1882-83 may be abstracted as follows and compared with the corresponding budget grant for 1881-82 :—

	Demand, 1882-83.	Grant, 1881-82.
	Rs.	Rs.
Madras	15,79,419	4,70,000
Bombay	22,07,070	13,00,000
Bengal	5,28,517	60,000
North-Western Provinces and Oudh	19,050	20,000
Punjab	9,25,000	5,50,000
Central Provinces	7,26,000	3,50,000
Assam	5,39,512	1,50,000
Hyderabad	4,20,000	2,50,000
Rajputana	2,23,400	2,00,000
Central India	6,70,000	2,00,000
Coorg	9,030	10,000
Inspector General, Military Works	64,00,500	57,40,000
Beluchistan	9,91,000	4,20,306
British Burma		
Reserve for unforeseen works		3,82,857
Total	1,50,38,798	1,01,02,163

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2. It is thus observed that the demands for 1882-83 exceed the total Imperial Military Works grant for 1881-82 by Rs. 49,35,635, whereas financial requirements make it absolutely necessary that the grants now to be made for military works for the ensuing official year should not, with the amount to be held in reserve, exceed in the aggregate Rs. 1,00,00,000. Some of the demands must therefore be cut down, and in this view the reductions shown in the following table are made :—

	Demands, 1882-83.	Provisional grant, 1881-82.	Reduction or addition.
	Rs.	Rs.	Rs.
Madras	15,79,419	4,20,000	—9,59,419
Bombay	22,07,470	11,00,000	—11,07,470
Bengal	5,28,517	1,22,000	—3,26,517
North-Western Provinces and Oudh	19,050	19,000	—50
Punjab	9,25,000	4,50,000	—4,75,000
Central Provinces	7,26,000	3,72,000	—3,54,000
Assam	7,75,512	2,50,000	—5,25,512
Hyderabad	4,20,000	3,00,000	—1,20,000
Rajputana	2,23,400	2,00,000	—23,400
Central India	6,70,000	2,23,000	—4,47,000
Coorg	9,030	2,000	—7,030
Inspector General, Military Works	64,00,500	54,05,000	—9,95,500
Beluchistan	9,91,000	4,20,000	—5,71,000
British Burma	Nil	3,00,000	+3,00,000
Reserve		2,00,000	+2,00,000
Total	1,30,38,798	1,00,00,000	—30,38,798

3. The Government of India being of opinion that Local Governments and Administrations can best judge of the requirements of their own provinces, has not made specific reductions from the amounts demanded in order to bring the grants down to the sums now provisionally assigned. Lump sum reductions have therefore only been made, and it is left to each Local Government and Administration to distribute the grant assigned as may appear best to the military authorities, due attention, however, being paid to the remarks in the following paragraphs and care being taken to provide for the completion in the first instance of all works in progress before new works are undertaken. The grants herein allowed for all provinces include provision for any expenditure that may be incurred in England on stores for works classed as military. The budget estimates should be prepared for the amounts now provisionally sanctioned and submitted so as to reach the Government of India punctually on the 15th January 1882.

4. *Bombay.*—The provisional grant now assigned should provide for only works in progress after setting aside a sufficient sum for the new infantry barracks at Colaba. An additional grant for the Colaba barracks will probably be made next year if funds are then available.

Bengal.—Of the grant sanctioned, Rs. 3,000 should be set aside for outlay on the Sikrana protective works, Segouly, and Rs. 60,000 for the new military account offices at Calcutta. It is observed that the grant of Rs. 60,000 for the latter work will not permit of any considerable progress being made towards its completion, but any application which may be received early next year for further funds for this work will meet with favorable consideration if the estimate is then sanctioned. The balance of the provisional assignment may be distributed as the Local Government may think fit.

Punjab.—In the Punjab schedule a demand for a lakh of rupees of Imperial money has been made for improvements to the Koshalgarh-Thall road. In March 1881 the question of the completion of this road was carefully considered, and it was finally decided that the cost of the work should be

debited to Imperial funds, and that when completed the road should be maintained from Provincial resources. An Imperial grant was assigned for this purpose, which grant has been considerably exceeded. Any further improvements which the Government of the Punjab may now desire to make in connection with the road must be carried out from Provincial funds.

Central Provinces.—Of the provisional grant now sanctioned the Government of India considers that Rs. 61,000 should be provided for the undernoted works in progress :—

	Rs.
Remodelling No. 8, European Infantry Barracks, Kamptee	24,000
Road from Asirgarh to Chandni Railway Station	17,000
Reconstructing walls of Asirgarh Fort	20,000
Remodelling Sitabaldi Fort	20,000

The assignment recommended for the Asirgarh Fort should only be made provided the estimate has been sanctioned before the commencement of 1882-83. The balance of the provisional assignment should, after due provision has been made for repairs, be distributed as the local Military authorities may recommend among the new works entered in the schedule of demands.

Assam.—The Government of India is of opinion that the bulk of the provisional grant of Rs. 2,50,000 for military works in Assam should be distributed to works in connection with the new station of Kohima, after providing for the undermentioned three works :—

	Rs.
1—Substituting iron for thatched roof of Military Hospital at Dibrugarh	4,000
2—Frontier roads in Cachar	5,000
3—Frontier outposts and communications at Lakhimpur	1,500

British Burma.—Under Financial Department Resolution No. 3353, dated 30th September 1881, military works in British Burma are henceforth to be classed as Imperial, and consequently have to be met from the annual grant of a crore of rupees. No demand has been made by that province, but a lump sum grant of Rs. 3,00,000 is made on the basis of outlay in former years before the provincial system came into play. The distribution of this grant is left to the Chief Commissioner in consultation with the military authorities concerned.

Rajputana.—The detailed budget estimate should be prepared for the amounts demanded after excluding therefrom the undernoted sums :—

	Rs.
From demand for quarters for hospital servants, Royal Artillery, Deesa	2,000
From concrete floor and stone runs for gun-shed, Deesa	4,000
" elephant and cart sheds	5,900
" improvements to slaughter-house	3,000
" Minor Works, Military	6,100
" Barrack Department	1,800
Total	23,400

The demands for the four major works are disallowed until the question of the retention of the Deesa Cantonment is definitely settled.

Central India.—From the detailed budget, provision for the Mhow water-supply should be excluded, as Imperial funds cannot at present bear the entire cost of the project. The five works at Neemuch and Sutna entered in the schedule of demands should also be omitted from the budget estimate, as these works cannot be carried out until the question of the withdrawal of British troops from the former station and the retention of the latter as a military cantonment is settled.

Beluchistan.—The reason for the large demand of Rs. 9,91,000, as compared with the grant of Rs. 4,20,306 for the current year, is explained to be due to the assumption that Government wishes to make a permanent cantonment at Quetta, and that a commencement must be made in the coming year. This matter is still under consideration, and as the provisional arrangements

now in progress for housing the normal garrison have met with the approval of Government as excellent in themselves, the question of the Quetta cantonment of the future can be left for consideration hereafter, and all works in connection therewith should for the present be held in abeyance. The Government of India is also of opinion that the demands for Rs. 10,000 for buildings at Harnai or elsewhere and for Rs. 50,000 for a road from Sibi to Kuch by Harnai may under present circumstances be left out of the budget estimate. The provisional grant now assigned will, it is considered, be sufficient for works at Quetta in connection with the arrangements now in progress.

Inspector General, Military Works.—In Public Works Department Code, Cap. XV, sec. i, para. 19, it is laid down that the programme of works for inclusion in the budget estimate for the ensuing official year should be sent by the Inspector General to the Quarter Master General for the consideration of His Excellency the Commander-in-Chief, after which it should be submitted by the Quarter Master General with the Commander-in-Chief's remarks to the Government of India in the Military Department for final orders. This procedure has not been followed in the present instance, consequently no definite orders can now be passed on the schedule of demands submitted by the Inspector General of Military Works. The detailed budget estimate should consequently be framed, for the grant provisionally assigned, in consultation with the Quarter Master General of the Army, and it must meet with the approval of the Military Department before it can be finally passed. Care should be taken in framing the budget estimate to provide for all sanctioned works in progress and for carrying on the work of constructing the new head-quarters military offices at Simla. Any provision made in the budget estimate for this latter work will, if possible, be supplemented during the ensuing official year if funds are available.

5. In the budget estimate, of provinces to which the Provincial Service arrangements apply, the charge to Imperial funds on account of Provincial establishments supervising Imperial military works should, under the rulings contained in Public Works Department Circular No. XX, dated 29th September 1881, be calculated in the proportion of 23 per cent. on the outlay on works and repairs.

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

The Chief Commissioners, Central Provinces, British Burma, Assam and Coorg.

The Resident at Hyderabad.

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

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

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

Ordered also, that copies be forwarded to the Finance and Military Departments for information.

W. S. TREVOR, Colonel, R.E.,

Offg. Secy. to the Govt. of India.

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GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.

ACCOUNT.
General.

To

No. 412 A.G.

Dated Simla, November 9, 1881.

Received

Distribution of the Imperial grant for Military
Works for 1882-83.

G. C. B. Press, Simla. No. 319 P. W. D., A. G.—14-11-81—100.

List of Military Works required in the Madras
Presidency in 1882-83 entered in order of importance
with the amount of grant recommended for each.

Locality	Works	Amount of grant recom- mended	Remarks
Ponnammallee	Barracks for British Troops at Ponnammallee. New double storied barracks for 200 men with out-houses. Quarters for Apothecary. Alterations to existing buildings and demolition	22,000	In part of Estimate
Sancti Thomas Mount	Two new barracks for the East Field Battery in lieu of one old barracks which has been vacated as unsafe.	22,000	
Mallampuram	Barracks for Detachment British Infantry to accommodate 100 men	2,150	
Madras	Improvements to Buildings at the Gun Powder Factory, Madras	20,000	
Bellary	Water supply project. Alipore tank bund and clearing the channel.	8,958	7958-
Bangalore	Quarters for Staff Sergeant, near public cattle lines	2,930	
Wellington	Building 3 additional cells. Enlarging guard rooms &c.	3,500	
Bangalore	New flooring to latrines & barracks and family quarters.	3,000	
Bangalore	Additional married quarters for European Non-Commissioned Officers, &c. Sappers and Miners.	5,250	5250.
	Completion of compound wall round Parade Barracks	4,000	
		113,206	

113,206

Locality	Works	Amount of Grant recommended	Remarks
Bangalore	Addition to the Store room of Sappers and Miners	11,320	
	New Armourers Shop for the Parade Barracks	3,500	
Vellore	Armourers Shop for the Native Infantry Regiment	4,670	
Madras	Improvements to the Body Guard Lines	2,900	
Wellington	Cooking Stoves to each married quarter	15,320	
Bellary	New Gun shed with collar makers and wheelers shop combined for the Royal Artillery	6,000	
	New pattern gun works for 1st Battalion of British Infantry	2,500	
	Government Bakery	3,242	
	Slaughter house and hanging shed for meat	7,400	
Fort Saint George	A covered Gymnasium in the Ball Alley of the European Regiment in the Fort	7,210	
Wellington	New Wash houses for the married quarters	2,500	
		3,120	
		1,92,068	

G. G. General's Office
 Fort Saint George
 2^d December 1881
 J. J. O'Neill
 Quarter Master General

Military Works.

QUARTERMASTER-GENERAL'S OFFICE,
 Fort Saint George,
 2^d December 1881.

31/20/81
 No. 8115
 From Brigadier General H. O'Connell,
 QUARTERMASTER-GENERAL,
 To THE Chief Engineer
 Public Works Department,
 Madras.

Sir,
 In returning papers forwarded with your N^o. 2799 dated 24th Instant, I have the honor, by order, to annex a list of the Military Works required and which, it is considered, should have the preference, as to priority of construction, to the limited amount (Rs. 1,92,068) of the grant allowed for Major Works for 1882-83.

2. The first four items are for grants for carrying on large and very important works. The sums mentioned are only portions of the estimates for these works. Further sums

52 A
sums for completing the works will
be required in succeeding Budgets.

3. The Commander in Chief very
much regrets that the limited allot-
ment of Funds will render it im-
possible to commence Stables for
Batteries of Artillery at Bangalore,
Saint Thomas's Mount, Kemptee and
Bellary. These works have been put
off year after year for want of
funds. They are much required; but,
of course, accommodation for troops
must be considered before them.

4. In the list, appendix I to
G. O. No. 2292 W of 16 September 1881,
there is an item of Rs. 80,000 for the
purchase of the Exchange House at
Fort Saint George, used as an Officers
Mess House of the British Infantry
Regiment. It will be quite impossible
to provide funds for this in 1882-83.
A grant of the full sum would be
necessary to make the purchase, but

527

31203W

87
as that would amount to nearly half
of the entire grant for Military Works
and would necessitate the postponement
of works of ^{very} greater importance, it
cannot, under the circumstances, be re-
commended. Should a grant for the
purpose be necessary, a special and
additional one will be required.

31203W
53

I have the honor to be,
Sir,
Your Obedient Servant,
St. J. Bonnell Brevet Genl.
Quartermaster General.

98

1887.

No.

From

The Q. M. General

To the Chief Engineer
P. W. D.

81 2^d } Decr:
R/ }

No. 8115

Towards with re-
marks, a list of Military
Works required in this Prov.
in 1882-83 entered in order
of importance.

C. 9. 2799 of 14-11-87

On 12-12-87

Imperial.
Military Works.

Madras

3120^W
54

Contents

Page

Abstract of the Budget Estimate of Revenue.
D. of Expenditure
Details of the Budget Estimate of Expenditure—
Part I.—Detail of Estimate for Original Works
Appendix to above—
Appendix B.—List of Class 6 Works.

Imperial.
Military Works.

Revenue.

Revenue.
Abstract of the Budget Estimate of Revenue of the Public Works
Department from Military Works in Madras for the year
from 1st April 1882 to 31st March 1883.

	Budget Estimate 1882-83	Regular Estimate 1881-82	Budget Estimate 1881-82	Actual 1880-81
In Public Works Department			21,000	
In Civil and Military Departments				
Total				

Charges.

Abstract of the Budget Estimate of Expenditure of the Public Works Department of Military Works in Madras for the year from 1st April 1882 to 31st March 1883.

Reference	Budget	Regular	Budget	Actual
to detailed	Estimate	Estimate	Estimate	Estimate
Estimate	1882-83	1881-82	1881-82	1880-81
SP	SP	SP	SP	SP
Original Works { In Progress	56,773		53,930	
Not commenced	162,231		64,698	
Repairs { Ordinary	275,000		2,50,000	
Special	"			
Establishment	113,626		92,157	
Tools and Plants	12,350		9,215	
Expense Account	"			
Total	6,20,000		4,70,000	

Imperial.
Military Works.

3120.4
50

Abstract of the Charges to be incurred by the Public Works
Department from Imperial Grants and
Contributions in both India and England.

Budget Estimate 1882-83											
Original Works											
In Progress	Not Commenced	Total	Repairs	Establishment	Tools and Plant	Expenses Accounts	Barack Department	Total	Regular Estimate 1881-82	Budget Estimate 1881-82	Actuals 1880-81
Provisions from Imperial Funds											
In India	56,773 16 2 2/3	219,024	2,75,000	113,626	12,350	"	"	6,20,000		4,70,000	
In England	"	"	"	"	"	"	"	"	"	"	"
Total	56,773 16 2 2/3	219,024	2,75,000	113,626	12,350	"	"	6,20,000		4,70,000	
Provision from Contributions											
In India	"	"	"	"	"	"	"	"	"	"	"
Grand Total	56,773 16 2 2/3	219,024	2,75,000	113,626	12,350	"	"	6,20,000		4,70,000	

Statement showing the Works in which the Outlay in England above provided for is to be incurred.

Budget Estimate 1882-83					
an.	Original	Wor%			
Supplies	Not	Consumed	Total	Tools and Plants	Expenses Account
					Total
					Regular Estimate
					1881-82
					Budget Estimate
					1881-82
					Actuals 1881-82

Nil

Admiral Cutler

of
Estimate
S80-87

Barracks for European troops at Poornamallee 270,506 17429

Do *Do* houses
Do *Do* how quarters for 30 families 87,500
 Do with out houses
 Do for Apothecary 7,600

Product value gold 4305
materials 270506

6 Madras.

Grant 1882. 83

Normal				Special				Total				Remarks		
Works in	Proprep	Works not	Commenced	Works in	Proprep	Works not	Commenced	Works in	Proprep	Works not	Commenced	Total	Num No.	and References
3	3	3	3	3	3	4	4	3	3	4	4	4	3	13-12

28835 22000 50835 28835 22000 50835

4000

4670

00

Amount of
of
Estimated
School
used of
1853-54
Borough
Borough

No. 154 Improvement to the Body 15320' a
Guards lines

Round Acre below 16/5 Armanier's Shop for the 2800
Native Infantry Regt

Do 19 ¹⁶ Slaughter house and
hanging shed for meat

[illegible]

3020 3020 3020 3020 14 Dec. No 2276 49 15
Sept. 1881. Class A

" 15320 15320 " " " " 15320 15320 15320 No 2004 W y 16
August 1891 - Class A

2800 2800 2800 2800 16/5 L.O. No 1547 W of 20"
June 1877. Class A

7210 7210 7210 7210 1916 Do
Class A

18562 18562 48825 18958 187793 48835 187520 18355

13
Head of
Classification

Section
Division

Locality

Item No.

Project and work

Amount
of
Actual
Total

(14) Staff and
Miscellaneous

Belguis Dolac
Mound

21 Brought forward
Additional Hospital ac-
commodation at the
Auto school attached
to the Lawrence Hospital

(17) General Com-
munications

Bellamy Bellay

22 Water supply Project

23 Minor works.

Total Military

Grant 1882-83

Normal

Special

Total

No

Remarks and
References

to Probable
during
1882-83

Actual

Normal

Special

Total

Actual

Normal

Special

Total

Actual

Normal

Special

Total

Actual

Normal

Special

Total

Actual

Normal

Special

Total

3720.00
60

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of
No. 31189 2^d class
1874 - class A

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19711

19711

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23

38473 38473 56793 12251 18459 56793 12251 219024

Imperial Ordinary
Military
Originals Books.

Residing Payson & Attention & additions to 12500
wash. houses for the British
learned and

Grant, 1882-83.

Head of Classification	Executive Division	Locality	Item No.	Project and Works	Amount of Estimate	Actual to end of 1880-81	Unlikely
(1) Accommodation for British troops in the place permanent.	Presidency Bangalore	9		Harrison Gymnasium of the fourth class	64,500		
	Do	Do	10	Quarters for school masters & school mistresses of the B. Infy.	6,000		
	Do	Do	11	Constructing stables for three Batteries, R.A.A. & Field Battery	4,500		
	Do	Fort St. George	12	Purchase of the Exchange House at Fort St. George used as an Officers Mess of the European Infy. Regt.	80,000		
	Bellary Bellary	13		Constructing stables for one Field Battery			
Buildings for British troops on the hills permanent.	West Wellington	14		Bath room to wash houses	3,170		
	Do	Do	15	Constructing a female hospital at the Wellington Hospital			
Buildings for British troops.	Presidency Bangalore	16		Addition to Regimental School, Sappers & Miners	5,500		

Normal		Special		Total		Total		Remarks and References
Works in Progress	Works not Commenced	Works in Progress	Works not Commenced	Works in Progress	Works not Commenced	Works in Progress	Works not Commenced	
								9 P.O. 1560 of 21 June 1876
								10 P.O. 3066 of 20 Dec 77
								11 P.O. 1484 of 24 June 1880 - Estimates for other works available
								12 P.O. 751 of 18 March 1881.
								13 Note annulled
								14 P.O. 1472 of 4 June 1874
								15 Note annulled
								16 P.O. 2135 of 31 Aug 1881

SECRETARY.

Chepauk, 2nd December 1881.

OFFICE NOTE.

To

I herewith forward
Proof of the Preliminary Issue
of the Military Budget Statement
for 1882-83. I have checked the
figures and have the blank
columns filled up.

Herewith checked and
the blanks filled in.



No 3120 W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 10th Decr/81

Read the following

From

The Sup^{ts} of Works, Mistra (H.E. No. 1245 of 20th Sept/81)

" Sapzuzgr, 2^o livello (" " " 3^o setr/m)

Sup^{ts} of Works, Presidency " " 2527. 11. — — —)
12. 0

Supergge, 3^o leirile (18. —)

The Govt. of India (C. 4720 G. 1/11/1877)

"Quartermaster General (n. 8113) — " n. 79

In the Resolution
read above, the Govt.
of India have provisionally
assigned Rs. 6,20,000 for
military works in this
Presidency for 1882-83,
and have left the dis-
tribution of that amount
to this Government.

2. The following distribution is accordingly made

made.

Major Works	Rs. 199,113
Minor Works	19,911
Repairs	275,000
Establishment	110,626
Tools and Plant	12,350
	<u>6,20,000</u>

3. The grants for Minor Works and Repairs will be held at the disposal of Government, and will be distributed on receipt of statements of estimated requirements from Superintending Engineers as directed in G.O. No 485 of 14th February 1887.

4. No expenditure will be incurred on ^{other} works entered in the Budget for which estimates are wanted, but as these works are considered to be of very great urgency, the Superintending Engineers concerned will lose no time in submitting the necessary plans and estimates for sanction.

5. ^{31/200} In the list, submitted by the Quarter Master General, of works selected for inclusion in the Budget, Rs. 3000 are entered for new flooring to latrines of Barracks and family quarters at Wellington, but as the work has already been completed, it has been omitted from the Budget.

6. With these remarks the Military Budget estimate for 1887-88 is circulated for the information and guidance of the officers of the Dep^y.

7. Ordered that four copies of the Preliminary Issue of the Budget be forwarded to the Govt. of India.

(H.E. No 3121 Wd/16/Supd)

Supy: Engrs ✓
 Engr: P. H. Auro ✓
 Mily: Departy ✓
 Finl: Departy ✓
 Arch: Genl ✓

Depd 5 - 182-

To The Secretary to the Govt. of India P. H. Dep

Sir I am directed to

Mr. D. S. S. S. S.

to forward four copies of
the Preliminary Issue of
the Imperial Budget Es-
timate of Military Works
for 1882-83 with the Proce-
dings of the Madras
Government thereon.

Sept 20 Calcutta
5th Jan 1882

Atty

12.12.81

3120
68

Atty 12.12.81

C. No. 6848-707

Govt. of 1879

PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

Urgent

G. O. 16th Dec. 1888. No. 31

Nos. 65 to 67

*Imperial Military
estimate for 1882-83.*

*The Preliminary Scheme
— circulated with
for the information &
guidance of the officers
the Dept.*

*Forwarding four
of the Preliminary Scheme
the Imperial Budget
of Military Works for*

Intd in Receipt