

Public Works (1896) Department.

LI.

G.O., No.

5084

509

DATED

10/2/96.

[Despatch Abstract.]

Military Works budget estimate —
The preliminary issue of the
for 1896-97, circulated to officers
concerned and copies forwarded to the
Govt. Secy.

OF

UNDER

IN THE

FOR THE YEAR

(Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.

GOVERNMENT OF MADRAS.

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MADRAS.

IMPERIAL.
MILITARY WORKS.

REVENUE.

GOVERNMENT OF MADRAS.

Abstract Budget Estimate of Revenue from Military Works in the Madras Presidency for the year 1896-97.

EXPENDITURE.

Abstract of the charges to be incurred by the Public Works Department from Imperial Funds and Contributions in both India and England during the year 1896-97.

					ACTUALS, 1894-95.	BUDGET ESTIMATE, 1895-96.	REVISED ESTIMATE, 1895-96.	BUDGET ESTIMATE 1896-97.
					Rs.	Rs.	Rs.	Rs.
1.	Rents of buildings	...	...	...	2,641	3,200	2,200	2,200
2.	Sales of buildings	...	...	...	...	...	...	...
3.	Sales of barrack furniture	...	...	...	...	...	...	...
4.	Sales of tools and plant	...	...	...	...	...	...	...
5.	Sales of produce	...	...	...	...	...	...	...
6.	Sales of old materials	...	...	...	7	100	70	70
7.	Value of materials received from old buildings	...	...	...	12	300	160	160
8.	Receipts from self-supporting Workshops—	...	...	...	...	100	70	70
	Interest on Capital	...	...	...	...	...	...	...
	Net profit	...	...	...	...	...	...	...
10.	Tolls on roads	...	...	...	...	...	...	...
11.	Ferry receipts	...	...	...	...	...	...	...
12.	Unclaimed deposits	...	...	...	...	...	...	...
Total { realized in Public Works Department					2,660	3,700	2,500	2,500
" in Civil and Military Departments.					...	...	...	...
Total					2,660	3,700	2,500	2,500

EXPENDITURE.

Abstract Budget Estimate of Expenditure on Military Works in the Madras Presidency for the year 1896-97.

	REFERENCE TO DETAILED ESTIMATE.	ACTUALS, 1894-95.	BUDGET ESTIMATE, 1895-96.	REVISED ESTIMATE, 1895-96.	BUDGET ESTIMATE, 1896-97.
ORIGINAL WORKS. { IN PROGRESS ...		Rs.	Rs.	Rs.	Rs.
REPAIRS ... { NOT COMMENCED ..	...	16,509	20,600	20,201	...
ESTABLISHMENT ... { ORDINARY ...	...	46,862	50,000	50,624	5,000
TOOLS AND PLANT ... { SPECIAL ...	...	12,683	16,400	16,451	50,000
SUSPENSE ACCOUNT ...	...	817	1,100	1,104	12,700
	...	...	...	...	800
Total ...	...	76,871	88,100	88,380	68,500
BARRACK DEPARTMENT					
NEW SUPPLIES ...	...	...	...	...	...
REPAIRS ...	...	...	...	...	...
ESTABLISHMENT ...	...	...	...	...	...
Total ...	...	...	...	...	...
Deduct—Expenditure in England	...	...	...	...	...
Deduct—Exchange thereon	...	...	...	...	...
Net direct expenditure in India	...	76,871	88,100	88,380	68,500

BUDGET ESTIMATE, 1896-97.														
	ACTUALS, 1894-95.		BUDGET ESTIMATE, 1895-96.		REVISED ESTIMATE, 1895-96.		ORIGINAL WORKS.							
							In progress.	Not commenced.	Total.	REPAIRS.	ESTABLISHMENT.	TOOLS AND PLANT.	SUSPENSE ACCOUNT. BARRACK DEPARTMENT.	TOTAL.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. Rs.	Rs.
PROVISION FROM IMPERIAL FUNDS.														
In India ...	76,871	88,100	88,380	...	5,000	5,000	50,000	12,700	800	...	...	...	...	68,500
In England.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Loss by Exchange ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	76,871	88,100	88,380	...	5,000	5,000	50,000	12,700	800	...	...	...	...	68,500
PROVISION FROM CONTRIBUTIONS.														
In India ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Total ...	76,871	88,100	88,380	...	5,000	5,000	50,000	12,700	800	...	...	...	...	68,500

Detail of the Budget Estimate of Expenditure in England during 1896-97 showing the works on which the outlay provided for above is to be incurred.

BUDGET ESTIMATE, 1896-97.										
ACTUALS, 1894-95.	BUDGET ESTIMATE, 1895-96.	REVISED ESTIMATE, 1895-96.	ORIGINAL WORKS.			REPAIRS.	TOOLS AND PLANT.	SUSPENSE ACCOUNT.	TOTAL.	
			In progress.	Not commenced.	Total.					
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
			Nil.							

IMPERIAL.
MILITARY WORKS.

GOVERNMENT

Part

Detail of the Budget Estimate for

Class B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
					Rs.
				IMPERIAL MILITARY.	
				ORIGINAL WORKS.	
				Minor works	...
				Total ...	...

[4]

MADRAS.
MILITARY WORKS.

GOVERNMENT
OF MADRAS.

I.

Original Works for the year 1896-97.

Works.

OUTLAY.		GRANT, 1896-97.			ITEM No.	REMARKS AND REFERENCES.
Actuals to end of 1894-95.	Probable during 1895-96.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	5,000	5,000		
...	...	...	5,000	5,000		

[5]

IMPERIAL.
MILITARY WORKS.

GOVERNMENT OF MADRAS.

PART II.

Detail of the Budget Estimate for Repairs under Imperial Military Works in Madras for the year 1896-97.

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEMS.	ESTIMATE, 1896-97.		ESTIMATE, 1895-96.	
				Amount.	Total.	Amount.	Total.
			MILITARY BUILDINGS.	Rs.	Rs.	Rs.	Rs.
		Ganjám ...	Annual repairs ...	1,000			
		Vizagapatam...	Do. ...	2,800			
		Gó dávari East-ern.	Do. ...	1,400			
		Kistna North-ern.	Do. ...	180			
		Nellore ...	Do. ...	240			
		Coimbatore ...	Do. ...	10,600			
		West Coast ...	Do. ...	26,000			
		North Arcot...	Do. ...	500			
		Salem ...	Do. ...	200			
		Negapatam ...	Do. ...	144			
		Trichinopoly...	Do. ...	6,327			
		Madura ...	Do. ...	180			
		Reserve with the Govern-ment.	Do. ...	429			
		Total ...		50,000			50,000

MADRAS.

IMPERIAL.
MILITARY WORKS.

GOVERNMENT OF MADRAS.

APPENDIX A.

Distribution of the grants for 1896-97 under Military Works arranged by Departments and objects of work.

Budget Estimate, 1896-97.								for Budget estimate 1895-96.
Original Works.		Repairs.	Total works and repairs.	Establishment.	Tools and plant.	Total.		
In pro- gress.	Not com- menced.							
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
IMPERIAL.								
MILITARY WORKS.								
Minor Works	...	5,000	...	...	...	...	...	
	1,100							
	180							
	240							
	10,000							
	20,000							
	800							
	300							
	144							
	0,327							
	180							
	428							
Total	...	5,000	50,000	55,000	12,700	800	68,500	
							88,100	

[7]

IMPERIAL.
MILITARY WORKS.

GOVERNMENT

APPEN

List of Works (or Class C. Works) omitted from the Budget Estimate for 1896-97, but on

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				IMPERIAL MILITARY.	Rs.
				ORIGINAL WORKS.	
1. Accommodation for troops—					
Building for European troops in the plains.	West Coast.	Calicut	1	Constructing a new block of married quarters with outhouses to accommodate four families of the British Infantry detachment at West hill, Calicut.	11,800
Buildings for Native troops—	Trichinopoly.	Trichinopoly...	2	Constructing verandah round the guard room and bells of arms in the South Infantry lines.	...
	West Coast.	Quilon	3	Two quarters for Hospital Assistants.	...
	Do.	Do.	4	Six huts for Medical establishment.	...
	Vizagapatam.	Vizianagram	5	Store room for Native Infantry	3,480
7. General Cantonment works.	Trichinopoly.	Trichinopoly...	6	Providing additional water-pipes and fountains in the Pioneer and Infantry lines.	4,900
	Do.	Do.	7	Providing drainage in the South Infantry lines.	6,640
			Total	...	...

MADRAS.

OF MADRAS.

DIX B.

which Expenditure may be incurred during the year by re-appropriation from Class B Works.

OUTLAY.		AMOUNT APPLIED FOR FOR 1896-97.			ITEM No.	REMARKS AND REFERENCES.
Actuals to end of 1894-95.	Probable during 1895-96.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
11,800	...	...	11,800	...	1	G.O., No. 147 W., dated 15th January 1896.
...	...	...	3,700	...	2	Estimate is awaited.
...	...	...	3,000	...	3	Do.
...	...	...	3,000	...	4	Do.
3,480	...	...	3,480	...	5	G.O., No. 2628 W., dated 27th October 1884.
4,900	...	...	4,900	...	6	G.O., No. 3192 W., dated 13th December 1895.
6,640	6,023	617	...	...	7	G.O., No. 2967 W., dated 20th November 1895.
...	...	617	29,880	30,497	...	

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Military Works.
Account.

Read—the following papers:—

From the Superintending Engineer, I Circle, dated 25th Sept. 1895, No. 448 G.L.
" " " " " " 18th Oct. " " 367 W.
" " " " " " 27th Sept. " " 374 W.
" " " " " " 8th Oct. " " 926 T.C.
" " " " " " 16th Sept. " " 926 T.C.
Telegram from the Government of India, Military Department, dated 30th January 1896, No. 279 M.W.

Extract from the Proceedings of the Government of India, Military Department, dated Fort William, the 31st January 1896, No. 301 M.W.

Read—letter from the Director-General of Military Works, No. 3416-B, dated the 3rd December 1895, submitting proposals for the distribution of the grant for Military Works in 1896-97.

Resolution.—It is hereby notified that the provisional grant for Military works in the year 1896-97 is distributed as shown in the accompanying statement.

2. The preliminary issue of the budget estimates for Military works for 1896-97 should be prepared for the amounts provisionally sanctioned, and submitted to the Government of India at the earliest possible date.

Order.—Ordered that a copy of the foregoing Resolution be forwarded to the Local Governments and Administrations noted in the margin, for information and guidance.

Ordered also, that a copy be forwarded to the Quartermaster-General in India, the Accountant-General, Public Works Department, and the Accountant-General, Military Department.

(True Extract.)

(Signed) J. DALLAS, Capt., R.E.,
for Secretary to the Govt. of India.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Military Works.
Account.

Read—the following papers:—

From the Superintending Engineer, I Circle, dated 25th Sept. 1895, No. 448 G.L.
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(True Extract.)

(Signed) J. DALLAS, Capt., R.E.,
for Secretary to the Govt. of India.

MILITARY WORKS.
ACCOUNT.

Govt. of {1896} Madras.
PUBLIC WORKS.

Dated February, 10th.

Recd.

Encl.

G.O. No. 508 W., 10th Feb. 1896.

FEBRUARY.

Military Works budget
estimate

The preliminary issue of the — for 1896-97, circulated with remarks to officers concerned for guidance; and copies ordered to be forwarded to the Government of India, Military Department.

PUBLIC WORKS DEPARTMENT.

No 508 W of 10 Feb 1896.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the Suptg. Engineer, I Circle, No. 448 G.L., dated 25th September 1895

-Do- II ,, No. -- dated 18th October 1895.

-Do- IV ,, No. 367 W., dated 27th September 1895.

-Do- V ,, No. 374 W., dated 8th October 1895.

-Do- VI ,, No. 926 T.C., dated 16th September 1895

Telegram from the Govt. of India, Military Department, No. 279 M.W., dated 30th January 1896.

From the Govt. of India, Military Department, No. 301 M.W., dated 31st January 1896.

RECEIPTS.

The budget estimate of revenue for 1895-96 under Imperial Military Works was fixed at Rs. 3,700. The revised estimate has been reduced to Rs. 2,500 on consideration of the actuals for the first six months of the year. The latter amount has also been adopted as the budget estimate for 1896-97.

CHARGES.

2. The budget estimate of expenditure for 1895-96 amounted to Rs. 88,100. The revised estimate has been increased to Rs. 88,380 by the additional grant of Rs. 280 sanctioned for minor ordnance works at

Trichinopoly.

3. The Government of India has now assigned a provisional grant of Rs. 68,500 for expenditure during 1896-97 on military works at stations in charge of the Public Works Department and has distributed the amount as

	Rs.
Minor Original Works.-----	5,000
Repairs.-----	50,000
Establishment.---	12,700
Tools and Plant.---	800

Total Rs. 68,500

This distribution has been adopted in the budget.

4. No provision has been made for major works. The grant of Rs. 5,000 for minor works will be placed at the disposal of H.E. the Lt. General Commanding the Forces, Madras, for distribution among officers commanding divisions and districts, to whom Superintending Engineers will apply for funds required for incomplete and new works under that head. In the case of Ordnance and commissariat minor works, application for funds should be made to the Director General of Military Works through the head of the department concerned.

5. The sum of Rs. 50,000 provided for repairs has been distributed to divisions in Part II of the budget.

6. The

6. The Superintending Engineer IV Circle has proposed a few major works but as they have not been brought -- forward by H.E. the Lt. General Commanding the Forces, they have been excluded from the budget.

7. With these remarks, the preliminary issue of the Military Works - budget estimate for 1896-97 will be printed and circulated to the offices concerned for information and guidance and four copies will be forwarded to the Government of India, Military Department. 10

(H.E. No. 509. W. d/10 February 1896)

FORWARDED.

DESPATCHED

17296

comp
7.2.96

Suptg. Engineers. ✓

The Constg. Architect. ✓

,, Examiner, P.W. Accounts. ✓

H.E. the Lt. General Commanding the Forces, Madras. ✓

The Inspector General of Ordnance. ✓

,, Commissary General. ✓

,, Director General of Military Works. ✓

,, Financial Department. ✓

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Print-very emergently

Imperial.
Military Works.

Madras.

Preliminary Issue

Public Works Department.

Budget estimate

as

Revenue and Expenditure
under

Military Works

in the

in the
Madras Presidency
for the year
1896-97.

Madras
10th February 1896.

Mr. Cassin Cabot
Joint Secretary to Good Hope

R.B.

Government of Madras.

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Madras.

Abstract of the charges to be incurred by the Public Works Department
from Imperial Funds and Contributions in both India and England
during the year 1896-97.

	Actuals 1894-95	Budget Estimate 1895-96	Revised Estimate 1895-96	Original Works			Repairs	Establishment	Tools and Plant	Expenses Account	Baggage Department	Total
	Rs	Rs	Rs	In Progress	Not Commenced	Total	Rs	Rs	Rs	Rs	Rs	Rs
Provision from Imperial Funds.												
In India	76,871	88,100	88,380	"	5,000	5,000	50,000	12,700	800	"	"	68,500
By England	"	"	"	"	"	"	"	"	"	"	"	"
and by Exchange	"	"	"	"	"	"	"	"	"	"	"	"
Total	76,871	88,100	88,380	"	5,000	5,000	50,000	12,700	800	-	-	68,500
Provision from Contributions In India	"	"	"	"	"	"	"	"	"	"	"	"
Grand Total	76,871	88,100	88,380	"	5,000	5,000	50,000	12,700	800	-	-	68,500

Expenditure.
Abstract Budget Estimate of Expenditure on Military Works in the
Madras Presidency for the year 1896-97.

Detail of the Budget Estimate of Expenditure in England during 1896-9,
showing the works on which the outlay provided for above is to be
incurred.

[illegible]

Imperial
Military Works

Coumum
Port

Ind. Indus.

Madms.

Detail of the Budget Estimate
Class A

508-09
For Original Works for the year 1896-97.
Works.

Head of Classification	Executive Division	Locality	Item No.	Projects and Works.	Amount of Estimate
				Imperial Military Original Works.	Rs
				Minor Works.	"
				Total	"

Outlay		Grant, 1896-97		Item No.	Remarks and Revenues.
Actuals to end of 1894-95	Probable during 1895-96	Works in progress	Works not Commenced	Total	
Rs	Rs	Rs	Rs	Rs	Rs
			5,000	5,000	
			5,000	5,000	

Distribution of the grants for 1896-97 under Military Works
arranged by Departments and objects of work

[illegible]

List of Works (or Class C Works) omitted from the Budget Estimate for 1896-97; but on which expenditure may be incurred during the year by re-appropriation from Class B Works.

Head of Classification	Executive Division	Locality	Item No.	Project and Works	Amount of Estimate	Outlay		Amount applied for 1896-97.			Item No.	Remarks and References.
						To End of 1894-95	Probable during 1895-96	Works in progress	Works not commenced	Total		
				Imperial Military Original Works.								
1. Accommodation for troops Building for European troops in the plains. Buildings for native troops	West Coast	Calicut	1.	Constructing a new block of married quarters with outhouses to accommodate 4 families of the British Infantry detachment at West Hill, Calicut.	11,800	"	"	"	11,800	"	1	G.O. P-147 W 9 15 Jan'y. 1896.
	Trichingopoly	Trichingopoly	2.	Comp. verandah round the guard room and bells of arms in the South Infantry lines.	"	"	"	"	3,700	"	2	Estimate is awaited.
	West Coast	Duntol	3.	2 quarters for hospital assistants	"	"	"	"	3,000	"	3	— 80 —
	do	do	4.	6 huts for medical establishment	"	"	"	"	3,000	"	4	— 80 —
	Vizagapatam	Vizianagaram	5.	Store room for native infantry	3,480	"	"	"	"	3,480	"	5
7. General Contonment Works	Trichingopoly	Trichingopoly	6.	Providing additional water pipes and fountains in the Pioneer and Infantry lines	4,900	"	"	"	4,900	"	6	G.O. P-3192 W 9 13 December 1895.
	do	do	7.	Providing drainage in the South Infantry lines	6,640	"	6,023	617	"	"	7	G.O. P-2967 W 9 20 November 1895.
Total								617	29,880			

Imperial
Military works.

Revenue

alladias.

Budget Estimate for Imperial service Public Works Revenue
in the 1st Circle for 1896-97.

Budget Estimate 1896-97.	Budget Estimate 1895-96	Revised Estimate 1895-96.	Actuals 1894-95.
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Realized in the Public

Works Department

100	50	100	68.
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Imperial Military Works.

Part I

Detail of the Budget Estimate for original works.

Head of classification.	Executive Division.	Locality.	Item No.
I Accommodation for troops			
Buildings for native troops			
	Vizafafatan	Vizafafatan	1

A class works.

First Circle.

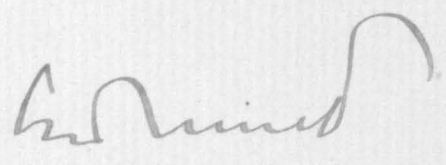
for the year 1896-97.

Project & works.	Amount of Estimate.	Outlay.		Grant for 1896-97		Total.	Item No.	Remarks & References
		Actual to end of 1894-95.	Probable during 1895-96.	Works in progress.	Works not commenced.			
Military works								
Requisition store for native infantry	3480	"	"	"	3480	3480	1	G.O. No. 2628 W 27. 10. 82 Item No. 3 Appendix B. Budget of 95-96

Imperial Military Works Part II.

Detail of the Budget Estimate for Repairs under Imperial Military Works for the year 1896-97.

Head of Classification.	Executive Division.	Locality	Items.	Estimate 1896-97.		Estimate 1895-96.	
				Amount.	Total.	Amount.	Total.
Military Buildings							
Ganjam	"	Annual repairs	1000	1000	1000	1000	
Vizapatnam		Do	2800	2800	3000	3000	
Godavari East		Do	1400	1400	450	450	
Total			5200	5200	4450	4450	
<p>* Increase on account of enhanced rent for quarters of Sergeant instructors.</p>							


 Subg Engineer I Arile

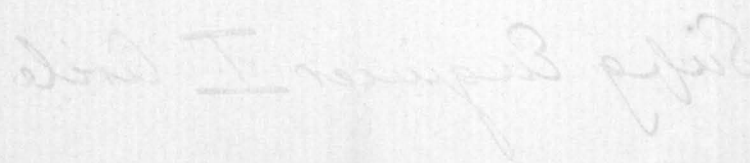
Dated 25.9.95

26985

Imperial Military Works Part II.
Detail of the Budget Estimate for Repairs under Imperial Military Works for the year 1896-97.

Head of Classification.	Executive Division.	Locality.	Estimate 1896-97.		Estimate 1895-96.	
			Amount.	Total.	Amount.	Total.
Military Buildings						
			Annual repairs	1000	1000	1000
		Do		2800	2800	3000
		Do		1400	1400	450
		Total		5200	5200	4450

* Increase on account of enhanced rent for quarters of Sergeant instructors.


 Subg Engineer I Arile

27985

N. E. 3
71.33/95

1st Circle
Imperial Budget Estimate
of Military works
for the year 1896-97.

Imperial
Military works. Madras
Government of Madras
Part II
Detail of the Budget Estimate for repairs
under Imperial Military works in Madras
for the year 1896-97.

Head of Classification	Location	Items	Estimate for 1896-97 Amount	Estimate for 1895-96 Total
		Military Buildings		
	Trichy North	Annual repairs	180	180
	Vellur	do do	240	240
		Total	420	420

Supg. Engineer's Office
Camp
18th October 1895

At Russell
Offg Supg Engineer
1st Circle

20
15-10-95

2nd Circle

Imperial Military Works

Budget Estimate for 1896-97.

P.W. Est
8071/95

West Coast Division

Fourth Circle

Statement showing the approximate outlay
under Imperial military during the year 1895-96.

Head of Classification

Approximate
outlay
1895-96.

Imperial
Military
Major
Minor

" " "

2342 " "

Total Original. 2342 " "

Repairs

26000 " "

Certified
5th Sept. '95

W. H. H. H.
Asst. Eng.

for Executive Engineer

W. H.

1. 3



Imperial
Military Works

Fourth Circle

Public Works Department.
Imperial Budget Estimate
of
Military works
of the
Fourth Circle
for the year
1896-97.

M. H. H. H.
Supg. Engineers, & Co.

Handwritten signature or mark.

Imperial
Military works

Fourth Circle

Reverence

Revenue
Abstract Budget Estimate of revenue from military works
in the Fourth Circle for the year 1896-97.

	Actuals 1894-95	Budget Estimate 1895-96	Revised Estimate 1895-96	Budget Estimate 1896-97.
In Public works Department—	2,287			
In Civil & Military Department—	"			
Total	2,287			

Expenditure

Abstract Budget Estimate of Expenditure on military works in the Fourth Circle for the year 1896-97.

	Reference to details Estimate	Actual. 1894-95	Budget Estimate 1895-96	Revised Estimate 1895-96	Budget Estimate 1896-97
Original Works { In Progress —	"	8888	"	2342	"
{ Not Commenced	"	"	"	"	61453
Repairs { Ordinary —	"	34,834	35800	35800	37300
{ Special —	"	"	"	"	"
Establishment	"	"	"	"	"
Tools and Plant	"	"	"	"	"
Suspense Account	"	"	"	"	"
Total	"	43722	35800	38142	98753

Abstract of the charges to be incurred by the Public Works Department from Imperial Funds and contributions in both India and England during the year 1896-97.

	Actuals, 1894-95	Budget Estimate 1895-96	Revised Estimate 1895-96	Budget Estimate 1896-97.								
				Original works.			Repairs	Establishment	Tools & Plant	Expenses Account	Barrack Department.	Total
				On Paper	Not Com- menced	Total						
Provision from Imperial Funds.												
In India	43,722	35,800	38,142	"	6,1453	6,1453	37,300	"	"	"	"	98,753
In England	"	"	"	"	"	"	"	"	"	"	"	"
Total	43,722	35,800	38,142	"	6,1453	6,1453	37,300	"	"	"	"	98,753
Provision from Contributions												
In India	"	"	"	"	"	"	"	"	"	"	"	"
Grand Total	43,722	35,800	38,142	"	6,1453	6,1453	37,300	"	"	"	"	98,753

Detail of the Budget Estimate of Expenditure in England during 1896-97 showing the works on which the outlay provided for above is to be incurred.

Actuals, 1894-95	Budget Estimate 1895-96	Revised Estimate 1895-96	Budget Estimate 1896-97				
			Original works				
			In progress	not com- men- ced	Total	Repairs	Tools & Plant
							Supplies Account
							Total.

Imperial Ordinary
Military
Original works
Major

Accommodation for troops. Buildings for European troops in the plains (Bikaner)	West Coast Calicut	1	A new block of married quarters for the British Infantry detached		15000 ✓	1	Estimate under preparation. Item No 2 Class B works Budget of 1895-96.
do do	do do	2	Gymnasium shed at West Hill		3000 ✓	2	Estimate sent to the District Staff Officers with this office No 192M, dt 17 May 1894. Item No 1 Class B works, Budget of 1895-96.
Commisariat Buildings	do do	3	Constructing Transport followers huts	10,000	5000 ✓	3	Item No 4 Class B works, Budget of 1893-94.
do	Malapuram	4	do do	6000	3000 ✓	4	Item No 5 Class B works, Budget of 1893-94.
Staff and Miscellaneous	Coimbatore Cota Command	5	Revetting the slopes of platform attached to the Lawrence Asylum		3000 ✓	5	Estimate under preparation Work considered urgent by the Principal.
do do	do do	6	Improvements to the Lawrence Asylum		7000 ✓	6	Estimate under preparation
Total major works					36000		

Imperial
Military
Original works
Minor

Accommo- -dation for Troops.	West Coast	2nd Lt	7	Constructing Armourer's Shop -	2489	"	"	"	2489	7	G.O. No 3772 W, dy 29 Novr 1888.
	do	do	8	Constructing solitary Cells attached to the Barracks -	1245	"	"	"	1245	8	G.O. No 1861 W, dy 12 July 1887.
	do	do	9	Improving present Armourer's shop -	813	"	"	"	813	9	Sanctioned by Supg Engineer.
	do	do	10	Improving the Bridge on road from Commanding Officer's Bungalow near St. Thomas' Church -	559	"	"	"	559	10	do do
	do	do	11	Renewing the roof of the blank ammunition 7 th Regiment, native Infantry -	600	"	"	"	600	11	do do
	do	Calicut	12	Additions & Improvements to the wash house, West Hill	780	"	"	"	780	12	G.O. No 1849 W, dy 21 st June 1888.
	do	do	13	Constructing Coffee shop block into Soldier's Institute	762	"	"	"	762	13	Sanctioned by Supg Engineer.

Accommodation for Troops.	West Calicut	14	Additions & Improvements to Surgeon major's Quarters	1470	B.F.	7248 ✓		
	Coast				"	1470 ✓	14	Sanctioned by the Supg. Engrs.
	do Malapuram	15	Platform and pump for a well	1110	"	1110 ✓	15	G.O. No 1034 W, dy 2 nd May 1885
	do do	16	Constructing Quarters for 7 men of Army Hospital, Native Corps	1670	"	1670 ✓	16	Sanctioned by Supg. Engineers
Commissariat Buildings	do Cannanore	17	Constructing Quarters for Hospital Purveyors	1326	"	1326 ✓	17	do do
	do Calicut	18	do do	1163	"	1163 ✓	18	G.O. No 2341 W, dy 1 st Augt 1888
	do Malapuram	19	do do	1250	"	1250 ✓	19	G.O. No 1242 W, dy 27 th April 1888
	do do	20	Constructing two blocks of Corrugated iron public latrine for the Commissariat followers' lines	900	"	900 ✓	20	Sanctioned by Supg. Engrs.
	do Calicut	21	do do at West Hill	980	"	980 ✓	21	do do

Commissariat
Buildings

West Coast Canina-
nore

22 Enclosing the slaughter House
and cattle shed

710

B. 7

17117

✓

"

"

"

710

22

Sanctioned by Supg. Engineers

do - Malapuram

23 Constructing a Zig-zag road
to the Transport lines

1500

"

"

"

1500

23

Estimate forwarded to the
Commissary General with this
office No. 325/M, dt 18th Aug. 1893.

Accommo-
-dation
for troops

do - do

24 Constructing porch in front
of Apothecary's quarters

550

"

"

"

550

24

Estimate countersigned by the
Military Authorities. Kept
in abeyance for want of funds.

do - Calicut

25 Constructing a screen
wall to Color Sergeant's
quarters, West Hill

60

"

"

"

60

25

Sanctioned by Supg. Engrs in Regt.
No 31 of 1894-95.

do - do

26 Converting the temporary
thatched shed in front of
the Surgery into permanent
Verandah, West Hill

220

"

"

"

220

26

Sanctioned by Supg. Engineers
in Regt. No 14 of 1894-95.

do - Mala-
puram

27 Forming a Soldiers' garden

220

"

"

"

220

27

Sanctioned by Supg. Engineers
in Regt. No 9 of 1885-86.

do - Calicut

28 Improvements to the drinking
water well, Elephant lines

160

"

"

"

160

28

Sanctioned by Supg. Engineers
in Regt. No 63 of 1891-92.

Accommodations
for troops

West Coast Calicut 29

Latrine to the Apothecary's
quarters

160

B.F.

20537

" " " 160

Sanctioned by Supg Engineer
in Regt No 69 of 1891-92.

do do 30

Constructing two Servants'
rooms and a stable for the
quarters occupied by the
Assistant Apothecary at the
Station Hospital, West Hill

606

" " " 606

G.O. No 3305 W, dated 3rd
December 1897.

do do 31

Substituting tiled floor
for the boarded floor
of the Station Hospital, West Hill

580

" " " 580

Estimates sent to the
District Staff Officer
with this office No 146 M
of 8 April 1895.

do do 32

do do for Canteen
block West Hill

160

" " " 160

do Quilon 33

Huts for medical Establishment

1,220

" " " 1,220

Estimates under preparation

do do 34

Quarters for Hospital Assistant

2,190

" " " 2,190

Estimates under preparation.

Total minor works

25,453

Total Original Works

61,453

Imperial Service

Fourth Circle.

Public Works Budget Estimate Part II

Detail of the Budget Estimate of Repairs under
Imperial Military Works in the Fourth Circle for the
year 1896-97.

Head of classi- fication	Executive Division	Locality	Items	Estimate 1896-97		Estimate 1895-96.	
				Amount	Total	Amount	Total
			<u>Military</u>				
		Coimbatore	Annual Repairs	* 10,600	10,600	9,000	9,000
		West Coast	Do	26,000	26,000	26,000	26,000
		North West	Do	500	500	500	500
		Salem	Do	200	200	300	300
			Total		37,300		35,800

* Repairs to main building Lawrence Asylum — 9,000
 — do — Volunteer Head Quarters — 300
 — do — Army Head Quarters — 200
 Rents for Quarters — 500
 Rest Camp at Podanur — 200
 — do — at Mettupalayam — 400

Repairs required to Lawrence Asylum are likely to be
 extensive than usual. 10,600

5th Circle.

Detail of the Budget estimate for Imperial Military Works for the year 1896-97.

Head of Classification	Executive Division	Locality	Num No.	Projects and Works	Amount of Estimate	Outlay		Grant for 1896-97			Remarks.
						Actual to end of 1894-95	Probable during 1895-96	Works in progress	Works not commenced	Total	
				Imperial Military Original Works.							
				Nil							
				Repairs.							
Accommodation for troops - Buildings for European troops.	Negapatam	Negapatam	1	Annual maintenance repairs to Sergeant Institute - to's quarters South Indian Railway Volunteer Rifle corps	L. S. G.	"	"	"	80	80	
do	do	do	2	Municipal taxes on Government Buildings occupied by the S. I. R. Volunteer Rifle corps	L. S. G.	"	"	"	64	64	
				Total Repairs		"	"	"	"	144	

No. 374 W.

To,

The Chief Engineer,

P. W. D.

Ch. L. L. L.

8/10/95 Lt. Col. R. E.

Superintending Engineer V. Circle.

Office of Supd. Engineer
V. Circle.

Ch. L. L. L. 8th October 1895

Recd: 9.10.95

To,
The Chief Engineer
P. M. D.

No. 344 W.

Budget estimate for
Imperial Military Works
for 1896-97.

Imperial
Military works.

1896/97

Head of Company - Captain	Executive Division	1906/07 Total	Item No.	Remarks & References
8. General Lantinnens works.	Siikniemi		1	Behncke is under preparation.
1. Accomm- -dation for troops - Buildings for Native Troops -	Do		2	Behncke forwarded to the Officer Commanding 23rd Regt. M.A. with letter No 266. D.C. 7/10: May 94.
		10300		

7083

The Imperial Engineer
76 Fairs

Recd 18.9.95

The Chief Engineer
P.W.D.

926-12

To dated 16/3
Received 7/3 September 95

Am.

Imperial

Military

Budget estimate of
Imperial Military works
& Repairs proposed to
be carried out by the
Public Works Department
for the year 1896-97.

Code
Class.

INDIAN



TELEGRAPHS.

16544

Month
Number.

To
(Office)

Madras

From
(Office)

Calcutta

Words

Day

Hour

Minute

Official
Instructions

Sps

To
(Person)

Madras Works

From
(Person)

Mily

279 m w. your number 2321
w. Dated nineteenth September
1895 following sums provisionally
Sanctioned for military
works Madras for 1896.
1897 minor works 5000
Repairs 50,000 establishment
12,700 Tools and plant 800
total 68,500 please prepare
preliminary Budget estimate
accordingly.

64 Word Form.

Read from

LN.

Sent to

At

Hrs.

Mts. by

At

Hrs.

Mts. by

MADRAS 20-4-96

Telegraph Master.

U.P. - No. 168 T 12-96-24.00.000

The Secretary to the Govt of Madras, Public Works Dept.

M. D. Press - Reg. No. 583-31-1-96-270 copies.

B

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Wright

45.0

Ends 1. (45.0)

Ques. 6.2.96

- No. 2157 waf 1-9-94 ✓
- " 2158 waf 1-9-94 ✓
- " 1741 waf 15-7-95 ✓
- " 1825 waf 24-7-95 ✓
- " 1964 waf 9-8-95 ✓
- " 2120-10. 19-9-95 ✓
- " 2171 waf 30-8-95 ✓

Enclosure to Government of India, Military Department, Resolution No. 301-M. W., dated 31st January 1896.

Administration.				ORIGINAL MAJOR WORKS.			Minor Works.	Repairs.	Total Works and Repairs.	Establishment.	Tools and Plant.	BARRACK DEPARTMENT.				Grand Total.	
				In progress.	Not commenced.	Total.						New Supplies.	Repairs.	Establishment.	Total.		
Military Works Department.																	
General Works	...	...	...	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
General Works	...	...	...	16,44,500	3,93,500	20,38,000	3,30,000	25,00,000	48,68,000	23,00,000	70,000	2,65,000	2,00,000	1,90,000			
Ordnance Works	...	...	...	2,40,000	80,000	3,20,000	50,000		3,70,000	...							
Commissariat Works	...	...	...		20,000	20,000	25,000		45,000				...				
Marine Works	...	...	...		12,000	12,000	10,000		22,000			...					
Total				...	18,84,500	5,05,500	23,90,000	4,15,000	25,00,000	53,05,000	23,00,000	70,000	2,65,000	2,00,000	1,90,000	6,55,000	83,30,000
Public Works Department.																	
Rajputana and Central India	...	...	...		2,800	2,800	20,000	45,000	67,800	33,900	1,000	2,000	2,000	1,800	5,800	1,13,500	
Central Provinces	...	...	...				2,000	4,000	6,000	1,400	100					7,500	
Upper Burma	...	...	...	2,60,000		2,60,000	45,000	2,50,000	5,55,000	1,74,800	8,300	20,000	15,000	17,000	52,000	7,90,100	
Lower Burma	...	...	...				12,000	1,30,000	1,42,000	32,700	2,100	9,300	5,200	9,300	23,800	2,00,600	
Assam	...	...	...	5,000		5,000	8,000	55,000	68,000	15,600	1,000	2,000	700	300	3,000	87,600	
Bengal	...	...	...		32,000	32,000	5,000	30,000	67,000	15,400	1,000					83,400	
North-Western Provinces and Oudh	...	...	...	5,500		5,500	5,000	16,000	26,500	6,100	400					33,000	
Punjab	...	...	...	81,000	1,02,500	1,83,500	13,000	2,40,000	4,36,500	1,00,500	6,500	3,500	2,000	1,000	6,500	5,50,000	
Madras	...	...	...				5,000	50,000	55,000	12,700	800				...	68,500	
Bombay	...	...	...	1,20,700		1,20,700	20,000	1,00,000	2,40,700	55,500	3,600	6,500	5,000	8,500	20,000	3,19,800	
Total				...	4,72,200	1,37,300	6,09,500	1,35,000	9,20,000	16,64,500	4,53,600	24,800	43,300	29,900	37,900	1,11,100	22,54,000
Chitral Force and Malakand Brigade															2,16,000		
Reserved for Cantonment in the Tochi Valley															4,00,000		
Reserve with the Government of India															3,00,000		
Grand Total				...			...										1,15,00,000

207 12 153 3 4 5 45

From,

J. Hamman, Esq.,
Supg. Engineer, 4 Circle,

To,

The Chief Engineer,
P.W. Department.

P.W. Encl 10

7354/95

Dated

Despd.

Recd.

} September 1895.

10

Incorporated Local
Fund Budget Estimate
of the Public Works Depart-
ment of the 4 Circle for
the year 1896-97.

Nil

Hamman
Supg. Engineer, 4 Circle.

508-9W
10-2-96

West Coast Division

Fourth Circle

Statement showing approximate outlay
under excluded Local for 1895-96.

Heads of classification	Approximate Outlay in 1895-96.			Remarks.
Excluded Local.				
Mis: Public Improvements				
Original works.				
Major	6,410	"	"	
Minor	2,490	"	"	
Total original works.	8,900	"	"	
Repairs	2,370	"	"	
Total Repairs	2,370	"	"	

Cabinet }
5/9/95 }

B4
W. H. H. H.
Assistant
Executive Engineer



Excluded Local Funds
Civil works

Fourth Circle

Public Works Department
Budget Estimate
of
Revenue and Expenditure
under
Civil works
in the
Fourth Circle
for the year
1896-97.

Alammas
Supg. Engineer, 4 Circle.

Excluded Local Funds

Revenue

Public Works Budget Estimate

Fourth circle

Budget Estimate of Excluded Local Funds, Public works
Revenue in the Fourth Circle for the year 1896-97.

Budget Estimate of Revenue that will be realized by
and on account of Excluded Local Funds of the Public Works
Department in the Fourth birole for the year from 1st April
1896 to 31st March 1897.

	Actual 1894-95	Budget Estimate 1895-96.	Revised Estimate 1895-96.	Budget Estimate 1896-97.
Realized in the P.W. Department	"	"	"	"

Excluded Local Funds.

Part I.

Fourth Circle

Civil works

Detail of the Budget Estimate for Original works in the Fourth circle for the year 1896-97.

Funds	Executive Division	Locality	Item No.	Projects and works.	Amount of Estimate	Outlay		Grant 1896-97		Sl. No.	Remarks + References.
						Actual to end of 1894-95	Probable during 1895-96.	Amount	Total		
Excluded Local Port Funds.				<u>Civil Buildings</u> <u>Original works</u> <u>Major</u>							
	West Coast	Kundapur	1	Constructing Light Keepers quarters	2700	"	"	2700		1	Held in abeyance - Vide Chief Engineer's No. 666, dt 31 st July 1894.
	do	Calicut	2	Port officer's quarters	"	"	"	10,000		2	Estimate under preparation
	do	Cochin	3	Quarters and office for the Port officer	"	"	"	10,000		3	Estimate under preparation
	do	Mangalore	4	Quarters and office for the Port officer	"	"	"	15,000		4	Estimate under preparation.
									37,700		
					<u>Minor</u>						
do	Calicut	5	Light keepers quarters	2350	"	"	2350		5	Estimate sent to the Presidency Port officer with this office No. 276M dt 11 July 1893.	
do	Cochin	6	Fencing wall round the boat yard.	970	"	"	970		6	do do with No. 494/M, dated 29 Nov 93.	

C.O. - 3320

Excluded Local Funds.

Part I.

Fourth circle

Civil works

Detail of the Budget Estimate for Original works in the Fourth circle for the year 1896-97.

Funds	Executive Division	Locality	Item No.	Projects and works.	Amount of Estimate	Outlay		Grant 1896-97		Item No.	Remarks & References.
						Actual to end of 1894-95	Probable during 1895-96.	Amount	Total		
a Excluded b Local c Port Funds.	West Coast	Cannanore	7	Converting a portion of the [B.F.] casement barracks in the Cannanore Fort into quarters for two Lightkeepers				3,320			
					300	"	"	300		7	Under consideration with the Military Department.
								3,620			
				Total Civil Buildings				4,1320			
				<u>Mis: Public Improvements.</u>							
	do	Kundapur	8	Constructing a Boat Jetty	6,935	"	"	5,000		8	Estimate sent to the Presidency Port officer with No 638, dated 2nd July 1889.
	do	Malpe	9	Constructing Road & Boat Jetty	4,230	"	"	4,230		9	Estimate sent through the Collector of South Canara with this office No 329 M, of 16th August 1894.
	do	Cochin	10	Storing materials for preventing erosions at	"	"	"	10,000		10	} Estimates under preparation
	do	Cypeen	11	do do	"	"	"	10,000		11	
	do	Mangalore	12	Improvements to the harbour consisting of extension of Bunder Quay to the marine yard	45,520	"	"	10,000		12	Under consideration in the Revenue Department.
								39,230			

Excluded Local Funds.

Part II.

Fourth Circle

Civil works

Detail of the Budget Estimate for Original works in the Fourth Circle for the year 1896-97.

Funds	Executive Division	Locality	Item No.	Projects and works.	Amount of Estimate	Outlay		Grant 1896-97		Item No.	Remarks + References.
						Actual to end of 1894-95	Probable during 1895-96	Amount	Total		
Excluded Local Port Funds.	West Coast	Mangalore	13	Improvements to the Lighthouse	B. F.				39,230		
					"	"	"	1,500			
	do	do	14	Constructing a jetty with steps for the Bunder	"	"	"	2,000			
									3,500		
				Total Dis: Pub: Impt: —					42,730		
					Total				84,050		

Excluded Local FundsCivil worksFourth CircleExpenditure

Abstract Budget Estimate of expenditure on Civil works for the year 1896-97.

	Actual, 1894-95	Budget Estimate 1895-96	Revised Estimate 1895-96	Budget Estimate 1896-97.
<u>Original works.</u>				
Civil Buildings	"	"	"	41,320
Communications	"	"	"	"
Mis. Pub. Improvements	4,277	3,190	8,904	42,730
Total	4,277	3,190	8,904	84,050
<u>Repairs</u>				
Civil Buildings	"	"	"	"
Communications	"	"	"	"
Mis. Public Improvements	2,613	"	3,360	3,000
Total	2,613	"	3,360	3,000
<u>Total works and repairs</u>				
Civil Buildings	"	"	"	41,320
Communications	"	"	"	"
Mis. Pub. Improvements	6,890	3,190	12,264	45,730
Total	6,890	3,190	12,264	87,050
<u>Establishment</u>				
Tools & Plant	"	"	"	"
Grand Total	6,890	3,190	12,264	87,050

Excluded Local Funds.Civil Works.Fourth Circle.

	Funds to which the grants for 1896-97 are chargeable		
	University fee fund.	Post Fund	Total.
<u>Original Works.</u>			
Civil Buildings	"	41,320	41,320
Communications	"	"	"
Mis. Pub. Improvements	"	42,730	42,730
Total	"	84,050	84,050
<u>Repairs</u>			
Civil Buildings	"	"	"
Communications	"	"	"
Mis. Pub. Improvements	"	3,000	3,000
Total	"	3,000	3,000
Total Works & Repairs	"	87,050	87,050
<u>Establishment</u>			
Tools & Plant	"	"	"
Grand Total	"	87,050	87,050

Incorporated Local

Revenue

1st Circle

Budget-estimate of Incorporated Local Funds

P. W. Revenue for the year 1896-97.

Actuals 1894-95	Budget- Estimate 1895-96	Budget- Estimate 1896-97
--------------------	--------------------------------	--------------------------------

Realized in the Public Works
Department

283	434	434
-----	-----	-----

Incorporated Local.

Public Works Budget Estimate

Detail of the Budget Estimate for original works and Repairs, under Incorporated Local for the year 1896-97.

Government of Madras.

Head of Executive Classification Division.	Locality	Item no.	Project & works.	Amount of Estimate	Outlay. Actual Proba. to end of blled. 1894-95 ring 1896-96	Grant for 1896-97. Amount- Total.	Item no.	Remarks and References.
			<u>Nil</u>		<u>Nil</u>			

Incorporated Local Funds.
Detail of the Budget estimate for repairs in the 1st Circle
for 1896-97.

Executive Division	Locality	Item No.	Name of work.	Grant for 1896-97.	Total
Local Funds.					
Under Act V of 1884					
Communications.					
Repairs.					
Ruslikulga	Left bank of Ruslikulga Canal.	1	Maintenance of Aska Surada road.	400	-
Godavari Eastern Dn.		2	Maintenance of the Kovur Chum-jair Junction Canal	2800	
Dn.		3	Maintenance of the road on the Godavari left Embankment first 4 miles below Anicut.	300	
Dn.	Dowlm Do. Lm.		Clearing Silt in the old loading channel.	900	
					4400

Incorporated Local Funds.
Detail of the Budget estimate for Tools & Plant
in the 1st Circle for 1896-97.

Executive Dn.	Names of works.	Grant for 1896-97.		Grant for 1895-96
		By D.P.W.	By other Agency.	
	Local Funds.			
	Under Act V of 1884			
	Tools & Plant-			
	Special.			
Godavari Eastern Dn.	Repairs of ferry boats on Kovur Manjair Junc- tion Canal.	200		200

26/9

W. E. V.
14th 3rd / 95

1st Circle.

Budget Estimate of
Incorporated Local works
for the year 1896-97-

Excluded Local Funds

Revenue

Budget Estimate of Excluded Local under
Public Works Revenue for the year 1896-97

	Actuals	Budget	Budget
	1894-95	Estimate	Estimate
		1895-96	1896-97
Realized in the P.W.D	"	"	"

Government of Madras

First Circle

Excluded Local

Public Works Budget Estimate

Detail of the Budget Estimate for original works under excluded Local for the year 1896-97

[illegible]

Excluded Local Funds

Repairs

Budget Estimate of expenditure from Local Funds

Public Works Revenue in the 18th Circle for the year.

1896-97 (from 1st April 1896 to 31st March 1897)

Actual	Budget	Revised	Budget
1894-95	Estimate	Estimate	Estimate
	1895-96	1895-96	1896-97

Godavari Eastern Division

Repairs to Marine Villa

at Cocanada

500

Amount

Subg Engineer 18th Circle
D. N. Aishwaram

Dated 25.9.95

26/9

B.
509 W
102-96.

7433/95

1st Circle
Excluded Local Fund
Budget Estimate
for the year 1896-97.