(1) பக்கங்களின் எண்ணிக்கை 106.

(2) புதுக்கித் திருப்பிய நாள் 8/90.

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P&W.D துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 3411-3412, அச்சகம் பலவகை

நாள் : 22.12.1890 19

கவோ கண்டபடி கையாளவோ கூடாது

கா-1—18,006—15-6-87.

3411-3412
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ the following papers :—

From the Superintending Engineer,			I	Circle,	dated	26th Sept. 1890,	No. 418 G.L.
,,	,,	,,	II	,,	,,	7th Oct. ,,	
,,	,,	,,	III	,,	,,	30th Sept. ,,	
,,	,,	,,	IV	,,	,,	30th ,, ,,	No. 318 E.W.
,,	,,	,,	V	,,	,,	20th Oct. ,,	,, 3373.
,,	,,	,,	VI	,,	,,	6th ,, ,,	,, 1338 T.J.

From the Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 5th November 1890, No. 2852 M.W.

Resolution by the Government of India, Military Department, dated Simla, 1890.

The following provisional distribution of the grant for military works in 1891-92 is hereby notified :—

	RS.	RS.
Miltary Works Department, India	84,50,000	84,50,000
Public Works Department—		
Rajputana and Central India	90,000	
Central Provinces	3,000	
Lower Burma	1,88,000	
Assam	2,00,000	
Bengal	40,000	10,50,000
North-Western Provinces and Oudh	9,000	
Punjab	1,90,000	
Madras	80,000	
Bombay	2,50,000	
Ordnance Works	3,10,000	3,10,000
Marine Works	40,000	40,000
Total ...		98,50,000
Leaving for reserve with the Government of India		2,50,000
Grand Total ...		1,01,00,000

2. The above allotments include provision for any expenditure that may be incurred in England on stores for works classified as Military.

3. The distribution of the grants for Ordnance and Marine will be made by the Director-General of Ordnance and the Director of Indian Marine, respectively. These officers will communicate to the local Governments and Administrations concerned the works which they desire to have undertaken during 1890-91 and the amounts available for each work which amounts will then be included by the local Governments and Administrations concerned in their budget estimates for military works.

4. The preliminary budget estimates should be prepared for the amounts now provisionally sanctioned together with the allotments, if any, made by the Director-General of Ordnance and the Director of Indian Marine, and should be submitted so as to reach the Government of India punctually by the 15th January 1891.

5. Orders regarding the grant for military works in Upper Burma will issue hereafter.

Order.—Ordered that a copy of the foregoing resolution be forwarded to local Governments and Administraions noted in the margin for information and guidance.

Ordered also that a copy be forwarded to—

The Secretary to the Governments of Madras, Bombay, Bengal, North-Western Provinces and Oudh, and Punjab in the Public Works Department.
The Chief Commissioners, Central Provinces, Burma and Assam.
The Agent to the Governor-General, Rajputana and Central India.
The Director-General of Military Works.
The Director-General of Ordnance in India.
The Director of the Indian Marine.
The Resident at Hyderabad.

The Quartermaster-General in India.
The Accountant-General, Public Works Department.
The Accountant-General, Military Department.

From Colonel E. H. EYRE, Officiating Quartermaster-General, to the Secretary to Government, Public Works Department, dated Ootacamund, 25th November 1890, No. 948 M.W.

In acknowledging receipt of resolution of the Government of India, Military Department, No. 2852 M.W. of 5th November 1890, forwarded with your letter No. 4749 C. of the 19th instant, fixing the grant for 1891-92 for military works in charge of the Public Works Department at Rs. 80,000, I am desired to say that the proposal to allot the amount, viz., Rs. 14,120 available for Major Works, towards the construction of the new barracks at Calicut is accepted, but that owing to the surrender by the Superintending Engineer of Rs. 10,000 of the grant allotted for this work in the current year's budget, and regarding which no previous intimation was given to this office, it will now be necessary to make an application to the Government of India for a special grant of Rs. 7,440, to admit of the completion of the barracks before the close of the official year 1891-92.

2. With reference to para. 4 of your letter under reply, I am to say that the Commander-in-Chief considers the construction of the sheds for transport animals at Malapuram a work of an urgent nature. His Excellency accordingly desires me to request that the Government of India may be addressed in view to a special allotment of funds being secured for the provision of the sheds in question.

3. With reference to the penultimate para. of your letter, I am to suggest that a sum similar to that provided in the current year may be allotted to General Officers Commanding Districts concerned and the Commissary General for the execution of minor works at stations under the control of the Public Works Department.

3411-3412
2

ORDER—dated 22nd December 1890, No. 3411 W., Public Works.

In its resolution above recorded, the Government of India assigned a provsional grant of Rs. 80,000 for expenditure on military works at stations in charge of the Public Works Department during the year 1891-92. The amount distributed under departmental heads will be as shown below:—

	Rs.
Works	64,100
Establishment	14,940
Tools and plant	960
Total ...	80,000

2. Of the sum of Rs. 64,100 available for works, the following amounts have been set apart:—

	Rs.
Incomplete major and minor works	5,000
Repairs	45,000
Total ...	50,000

and the balance, Rs. 14,100, has been allotted for the new barracks at Calicut.

3. A sum of Rs. 20,000 was provided in the current year's budget for the new barracks at Calicut, but the sanction of the Government of India to the estimate having been received late in the year, it was not found possible to spend more than Rs. 10,000 on the work during the current official year and the balance Rs. 10,000 was therefore surrendered. To admit of the completion of the work before the close of the year 1891-92 as desired by His Excellency the Commander-in-Chief, a sum of Rs. 21,560 will be required. As the amount available for major works is only Rs. 14,100, that sum has been provided for the work in the budget, and the Government of India will be requested to provide the balance, Rs. 7,460.

4. It has not been found possible to provide the grant required for constructing a shed for the transport animals at Malapuram, which is considered to be a work of an urgent nature. The Government of India will therefore be requested to provide a special allotment of Rs. 2,824 or Rs. 3,516 inclusive of percentage charges to admit of the construction of the shed during the ensuing official year as desired by His Excellency the Commander-in-Chief.

5. The amount set apart for incomplete major and minor works will, as usual, be held in reserve with the Government and be distributed early next year on receipt of detailed proposals from Superintending Engineers.

6. The grant for repairs has been distributed among the several divisions in part II of the budget.

7. With reference to paragraph 3 of the letter from the Government of India, Military Department, No. 1441 M.W., dated 16th June 1890, printed with G.O., No. 1960 W., dated 18th July 1890, that Government will be informed that the same sum as that provided in the current year, viz., Rs. 4,000, may be placed at the disposal of the General Officers Commanding Districts and the Commissary-General for the execution of minor works at stations in charge of the Public Works Department.

8. The difference between the budget and the revised estimates of charges for 1890-91 is due to additional grants having been sanctioned by the Government of India and the Director-General of Military Works.

9. With these remarks the preliminary issue of the Military Works budget for 1891-92 will be printed and circulated to the officers concerned for information and guidance, and four copies will be forwarded to the Government of India, Military Department.

(Here enter No. 3412 W., dated 22nd December 1890.)

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
" Examiner, Public Works Accounts.
" Military Department.
" Financial Department.

Exd. A. Aubert.
Spare Copies

3411-12
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3 4

3

GENERAL.
ACCOUNT.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated December, 22nd.

Read. *Encl.*

G.O., 22nd Dec. 1890, No. 3411 W.

DECEMBER.

Military Works Budget for 1891-92

Orders circulating preliminary issue of the —.

PRELIMINARY ISSUE.

3411-3412 A

IMPERIAL.
MILITARY WORKS.

MADRAS.

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1891-92.

MADRAS,
22nd December 1890.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

IMPERIAL.
MILITARY WORKS

MADRAS.

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APPENDIX B.—LIST OF CLASS C WORKS	6 & 7
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IMPERIAL.
MILITARY WORKS.

MADRAS.

REVENUE.

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT FROM MILITARY WORKS IN MADRAS FROM 1st APRIL 1891 TO 31st MARCH 1892.

—	Actuals, 1889-90.	Budget-Estimate, 1890-91.	Revised Estimate, 1890-91.	Budget-Estimate, 1891-92.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	25,522	3,500	4,000	4,000
In Civil and Military Departments	...	...	...	...
Total ...	25,522	3,500	4,000	4,000

CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT ON MILITARY WORKS IN MADRAS FROM 1st APRIL 1891 TO 31st MARCH 1892.

—	Reference to Detailed Estimate.	Actuals, 1889-90.	Budget-Estimate, 1890-91.	Revised Estimate, 1890-91.	Budget-Estimate, 1891-92.
		Rs.	Rs.	Rs.	Rs.
Original Works { In progress / Not commenced }	...	2,96,214	33,010	47,914	19,100 / ...
Repairs ... ... { Ordinary / Special }	...	3,13,295	47,500	46,320	45,000
Establishment	...	1,47,849	18,690	21,846	14,940
Tools and Plant	...	9,141	1,200	1,405	960
Suspense Account	...	...	...	...	...
Total ...	...	7,66,499	1,00,400	1,17,485	80,000

IMPERIAL.
MILITARY WORKS.

3411-3412/6

MADRAS.

ABSTRACT OF THE CHARGES TO BE INCURRED BY THE PUBLIC WORKS DEPARTMENT FROM IMPERIAL FUNDS AND CONTRIBUTIONS IN BOTH INDIA AND ENGLAND.

—	Actuals, 1889-90.	Budget-Estimate, 1890-91.	Revised Estimate, 1890-91.	Budget-Estimate, 1891-92.							
				Original Works.			Repairs.	Establishment.	Tools and Plant.	Suspense Account.	Total.
				In progress.	Not commenced.	Total.				Barrack Department.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs Rs	Rs.
Provision from Imperial Funds.											
In India ...	7,66,499	1,00,400	1,17,485	19,100	...	19,100	45,000	14,940	960	... ...	80,000
In England.	...	...	...	...	...	...	...	...	...	... ...	...
Total ...	7,66,499	1,00,400	1,17,485	19,100	...	19,100	45,000	14,940	960	...	80,000
Provision from Contributions.											
In India ...	...	...	...	...	...	...	...	...	...	... ...	...
Grand Total ...	7,66,499	1,00,400	1,17,485	19,100	...	19,100	45,000	14,940	960	...	80,000

STATEMENT SHOWING THE WORKS ON WHICH OUTLAY IN ENGLAND ABOVE PROVIDED FOR IS TO BE INCURRED.

—	Actuals, 1889-90.	Budget-Estimate, 1890-91.	Revised Estimate, 1890-91.	Budget-Estimate, 1891-92.					
				Original Works.			Tools and Plant.	Suspense Account.	Total.
				In progress.	Not commenced.	Total.			
Nil.									

IMPERIAL.
MILITARY WORKS.

3H11-3612
7 MADRAS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS A

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				IMPERIAL ORDINARY.	
				Military.	
				Original Works.	
1. *Accommodation for troops*— Buildings for European troops.	West Coast.	Calicut ...	1	New barracks with subsidiary buildings.	31,560
			2	Reserve with the Government for Incomplete Major and Minor Works.	...
				Total ...	...

I.

ORIGINAL WORKS FOR THE YEAR 1891-92.

WORKS.

Outlay.		Grant, 1891-92.			Item No.	Remarks and References.
Actual to end of 1889-90.	Probable during 1890-91.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	10,000	14,100	...	...	1	G.O., No. 1339 W., dated 12th May 1890 and No. 3015 W., dated 13th November 1890. Item No. 2, class B works, budget of 1890-91.
				14,100		
...	...	5,000	...	5,000	2	
...	...	19,100	...	19,100		

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MADRAS.

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1890-91, BUT ON CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
				IMPERIAL ORDINARY.	Rs.
				MILITARY.	
				Original Works.	
1. *Accommodation for troops*— Buildings for European troops.	West Coast.	Calicut ...	1	Quarters for an Apothecary, West Hill Barracks.	...
	Do. ...	Do. ...	2	Constructing a swimming-bath for the Detachment of British Infantry at West Hill.	...
	Do. ...	Do. ...	3	Constructing an officer's mess with out-houses.	...
	Do. ...	Vayitri ...	4	Reconstructing Sergeant-Instructor's quarters.	...
	Do. ...	Malapuram ...	5	Constructing an officer's mess with out-houses.	...
	Coimbatore.	Ootacamund ..	6	Quarters for the Warrant officer attached to the Army Headquarters.	6,100
	Do. ...	Do. ...	7	Converting the Sapper hospital building on Stonehouse Hill into quarters for two Sergeant-Instructors, Nilgiri Volunteer Rifles.	3,600
Buildings for Native troops.	Ganjam ...	Berhampore ..	8	Constructing a Rifle range for the Madras Infantry Regiment.	...
	Vizagapatam.	Vizianagrum ...	9	Regimental store for Native Infantry including storage for camp equipage.	3,480
	West Coast...	Cannanore ...	10	Constructing quarters for men of the Army hospital Native Corps.	2,980
	Do. ...	Mangalore ...	11	Quarters for two Hospital Assistants.	...
Commissariat buildings.	Do. ...	Malapuram ...	12	Constructing a shed for transport animals.	2,824
	Do. ...	Do. ...	13	Cattle-shed for the Commissariat Department.	...
Fortifications ...	Do. ...	Do. ...	14	Constructing a fortified post ...	8,248
Staff and Miscellaneous.	Coimbatore.	Ootacamund...	15	Constructing a latrine for the boys at the Lawrence Asylum.	3,000
				Total ...	

B.

WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM WORKS.

OUTLAY.		AMOUNT APPLIED FOR 1891-92.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1889-90.	Probable during 1890-91.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	5,000		1	Estimate is awaited.
...	...	...	5,000		2	Do.
...	...	...	8,000		3	Do.
...	...	...	4,000		4	Do.
...	...	...	8,000		5	Do.
...	...	...	6,100		6	G.O., No. 1316 W., dated 10th May 1890. Item No. 24, class C works, budget of 1890-91.
...	...	...	3,600		7	G.O., No. 1068 W., dated 9th April 1888. Item No. 25, class C works, budget of 1890-91.
...	...	...	3,830		8	Estimate is awaited.
...	...	...	3,480		9	G.O., No. 2628 W., dated 27th October 1884. Item No. 58, class C works, budget of 1890-91.
...	...	...	2,980		10	G.O., No. 2707 W., dated 26th September 1889.
...	...	...	5,500		11	Estimate is awaited.
...	...	...	2,824		12	G.O., No. 1245 W., dated 27th April 1888. Item No. 79, class C works, budget of 1890-91.
...	...	...	4,000		13	Estimate is awaited. Item No. 78, class C works, budget of 1890-91.
...	...	...	8,248		14	G.O., No. 3114 W., dated 18th November 1887. Item No. 98, class C works, budget of 1890-91.
...	...	...	3,000		15	G.O., No. 2139 W., dated 16th July 1888. Item No. 103, class C works, budget of 1890-91.
...	...	...	...			

IMPERIAL.
MILITARY WORKS.

MADRAS.

GOVERNMENT OF MADRAS.

PART II.

DETAIL OF THE BUDGET-ESTIMATE OF REPAIRS UNDER IMPERIAL—MILITARY WORKS IN MADRAS FOR THE YEAR 1891-92.

Head of Classification.	Executive Division.	Locality.	Items.	Estimate, 1891-92.		Estimate, 1890-91.	
				Amount.	Total.	Amount.	Total.
			Military Buildings.	Rs.	Rs.	Rs.	Rs.
	Ganjam ...	...	Annual repairs. ...	1,000			
	Vizagapatam.	...	Do. ...	2,500			
	Godávari, Eastern.	...	Do. ...	1,000			
	Cuddapah ...	...	Do. ...	780			
	Kurnool ...	...	Do. ...	360			
	Coimbatore ...	...	Do. ...	6,500			
	West Coast ...	...	Do. ...	22,000			
	South Arcot ...	...	Do. ...	180			
	Tanjore ...	...	Do. ...	600			
	Trichinopoly.	...	Do. ...	5,000			
	Madura ...	...	Do. ...	420			
	Tinnevelly ...	...	Do. ...	540			
	Reserve with the Government.	...	Do. ...	4,120			
			Total, Military Buildings.	...	45,000	...	47,500

3411-3412
9

PUBLIC WORKS DEPARTMENT.

General.
Account.

Letter—from

Colonel J. PENNYCUICK, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

The SECRETARY to the GOVERNMENT of INDIA,
Military Department.

Sir,

In forwarding the accompanying budget estimate for 1891-92 of Military Works in charge of the Public Works Department, and copy of Proceedings of this Government, No. 3411 W., dated 22nd December 1890, I am directed to request that the allotments referred to in paragraphs 3 and 4 thereof may be sanctioned by the Government of India, and that the Director-General of Military Works may be instructed to place a sum of Rs. 4,000 * at the disposal of General Officers Commanding Districts and the Commissary-General for minor new works at stations in charge of the Public Works Department.

2. With reference to paragraph 4 of the Resolution of the Government of India, No. 2852 M.W., dated 5th November 1890, I am directed to inquire whether the schedule of requirements, and the budget estimate should as usual be submitted so as to reach the Government of India by the 1st October and 15th January, respectively, or whether the revised dates in case of Imperial funds, fixed by the Government of India, Public Works Department, in its Resolution No. 147 A.G., dated 21st October 1890, should be adhered to.

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

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

Fort St. George,
22nd December 1890.

Exd. A. Aubert.
Spare Copies

* Rs. 4,980 including percentage charges.

341-342/2
10.

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10

GENERAL.
ACCOUNT.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated December, 22nd.

Read. *Encl.*

22nd Dec. 1890, No. 3412 W.

DECEMBER.

Military Works Budget for 1891-92

Forwarding with remarks preliminary issue of the — and requesting information in respect to the submission of future estimates.

Preliminary Issue

3411-3412
11

Imperial
Military works

Madras

Public Works Department

Imperial Budget-Estimate
of
Military Works
of the
Government of Madras
for the year
1891-92

1

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Imperial
Military Works

Madras

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Abstract of the Budget Estimate of Revenue.
do do of Expenditure.
Details of the Budget Estimate of Expenditure
Part I. Details of Estimate for Civil Works
Class A.
Appendix to above
Appendix B - List of Class C. Works
Part II. Details of Estimate for Repairs.

Imperial
Military Works

Madras

Revenue

Abstract of the Budget Estimate of Revenue of the Public Works Department from military works in Madras for the 1st April 1891 to 31st March 1892.

	Actuals 1889-90	Budget Estimate 1890-91	Revised Estimate 1890-91	Budget Estimate 1891-92
To P. W. Department	25,522	3,500	4,000	4,000
To Civil & Military Depts	"	"	"	"
Total	25,522	3,500	4,000	4,000

Charges

Abstract of the Budget Estimate of Charges of the P. W. Department for military works in Madras for the year April 1891 to March 1892

	Reference to details of estimate	Actuals 1889-90	Budget Estimate 1890-91	Revised Estimate 1890-91	Budget Estimate 1891-92
Original Works	Chargeable	2,96,214	33,010	47,914	19,100
	Not chargeable				"
Repairs	Ordinary	3,13,295	47,500	46,320	45,000
	Special				
Establishment		1,47,849	18,690	21,846	14,940
Tools and Plant		9,141	1,200	1,405	960
Suspense account		"	"	"	"
Total		7,66,499	1,00,400	1,17,485	80,000

3811-3812/13 Madras

Imperial
Military Works

Abstract of the charges to be incurred by the P. W. Dep^t from Imperial funds and contributions in both India and England.

Budget Estimate 1891-92

	Actuals 1889-90	Budget Estimate 1890-91	Revised Estimate 1890-91	Original Works Chargeable	Not chargeable	Total	Repairs Ordinary	Repairs Special	Establishment	Tools & Plant	Suspense account	Total
Provision from Imperial funds												
In India	7,66,499	1,00,400	1,17,485	19,100	"	19,100	45,000	"	14,940	960	"	80,000
In England	"	"	"	"	"	"	"	"	"	"	"	"
Total	7,66,499	1,00,400	1,17,485	19,100	"	19,100	45,000	"	14,940	960	"	80,000
Provision from Contributions in India	"	"	"	"	"	"	"	"	"	"	"	"
Grand Total	7,66,499	1,00,400	1,17,485	19,100	"	19,100	45,000	"	14,940	960	"	80,000

Statement showing the sources and details in England above provided for is to be furnished.

Budget Estimate 1891-92

	Actuals 1889-90	Budget Estimate 1890-91	Revised Estimate 1890-91	Original Works Chargeable	Not chargeable	Total	Tools & Plant	Suspense account	Total
Provision from Imperial funds									
In India									
In England									
Total									
Provision from Contributions in India									
Grand Total									

— Nil —

Imperial Military Works

Part

Detail of the Budget Class A

Head of Classification	Executive in	Item	Locality no	Projects and Works	Amount of Est
(1) Accommodation Work for Troops — Cost Railway for European Troops.	Calcutta	1		In all ordinary original military works new barracks with subsidiary buildings	21,580
		2		Reserve with the Govt for incomplete major and minor works	
				Grand Total	

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Estimate for Original Works for the year 1891-92 Madras

Works

3411-3412
14

Item no	Remarks & Reference	Amount Estimated for 1891-92	Amount Sanctioned for 1891-92	Amount Required in addition to Col 5 for completing Works sanctioned during 1890-91	Amount Required for Works commenced in 1891-92	Amount Required for Works not commenced in 1891-92	Amount Estimated for 1892-93	Amount Estimated for 1893-94	Amount Estimated for 1894-95	Amount Estimated for 1895-96 and subsequent years
1	G.O. No: 1329 W & P dt 12th May 1890 and 3015 W dt 13th November 1890. Item No: 2, Class B Works, Budget of 1890-91.	14,100	14,100							
2		5,000	5,000							
		19,100	19,100							

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Appendix B

Imperial
Military Works
Estimates (or Class C Works) omitted from the
estimates many the
years by reappropriation from Class B

Budget Estimate of 1890-91 but on which expenditure may be
taken.

3911-3412
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Head of Class of Works	Exec. Div.	Locality	Item No.	Projects & Works	Amt. of Est.	Outlay Amt. appropriated 1889-90	Item No.	References & Remarks
				Ordinary Military Buildings				
Telecommunication for troops	West Coast	Calicut	1	Quarters for and pathcary West Hill Barracks		5,000	1	Estimate is awaited
Buildings for European troops	do	do	2	Cookery & swimming bath for the regiment at West Hill		5,000	2	do do
	do	do	3	Cookery & officers messes with out houses.		8,000	3	do do
	do	Cuttack	4	Recruits Sergeant Instructor's quarters		4,000	4	do do
	do	Mala pureem	5	Cookery & officers messes with out houses.		8,000	5	do do
Combatant Offices & Stores			6	Quarters for the warrant officer attached to the Infantry Headquarters.	6,100	6,100	6	

Item 131 Class A 10.5.90
Item 1034 Class C
Works Budget 1890-91

Imperial
Military Works

Appendix

Sketch of works (or class of Works) omitted from the Estimate which may be incurred during the year 1891-92

Nature of Charge	Class for	Item No.	Prospective amount of works	Amount of Estimate
			Brought fd	
			Imperial Defence Contn:	
			Military Contn:	
			Civil Works Contn:	
Combustible Defences			Converting the Straits Settlements Coast Line of Fortifications into Field Artillery and Rifles.	3,600
Temporary Barracks for			Constructing a single range of Barracks for the Madras Infantry Regiment.	
(2) Obtaining a certain Number of Portable Buildings for hasty Temporary Hospitals			Regimental Stores for the Indian Infantry, including Storage for Camp Equipage	3,480
				9th

cont. Madras

Sketch estimate of 1891-92 but on which expenditure is likely.

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Outlay to end of 1890-91	Probable outlay during 1890-91	Works in progress	Works not commenced	Total	Item No.	Remarks & References
				3600	7	
				3530	8	Estimate in advance
				3480	9	
					10	

Govt of India No. 1065 W. dt 9th April 1888
Item No 20 Class C Works budget of 1890-91

Govt of India No. 2628 W. dt 27-10-88. Item No 28 Class C Works budget of 1890-91

Imperial
Military Works — Appendix — cont — 3411-3412 / 17 — Madras

List of works (or Classes of works) omitted from the Estimate for the year by reason of priority. — Budget Estimate for 1890-91 but on which expenditure may be incurred during the year by reappropriation.

Nature of Class of Works	Executive Officer	Item No	Locality	Reappropriation for Works not provided for in 1890-91	Item No	Remarks & References
				Brought forward from Estimates for Military Works		
(2) Accommodation for Artillery Barracks for Native troops	Work Cost Commanding Royal Engineer		Completion of the Station Hospital Native Corps	2,980	10	G.O. no 2702 W. dated 26-5-87
do	Bangalore		Erection of two Hospital Blocks	5,580	11	Estimate is awaited
(3) Communication between Buildings	do	Malleswaram	12	Completion of Portico	2,824	12	G.O. no 1243 W dated 27-4-88. Item No 77 Class C Works budget 1890-91
do	do		13	Erection of Telegraph Office	4,000	13	Estimate omitted Item No 78 Class C Works Budget of 1890-91.
(3) Fortifications	do	do	14	Completion of Artificial Lake	8,248	14	G.O. no 3114 W dated 18-11-87 Item No 85 Class C Works Budget of 1890-91
(4) Staff and Combatant Establishment	Executive Engineer Madras Division		15	Completion of the Boundary Wall	3,000	15	G.O. no 2139 W dated 16-7-88. Item No 103 Class C Works budget 1890-91.

Imperial
Military Works

Madras
Government of Madras
Pro. II

Detail of the Budget Estimate of Repairs under Imperial Military Works in Madras for the year 1891-92

Head of Each Class &c.	Locality	Items	Estimate 1891-92 Amt.	Estimate 1890-91 Total Amt.
		Military Buildings		
Vellore		Annual Repairs	1,000	
Trichy		do	2,500	
Fort St. George		do	1,000	
Cuddapah		do	750	
Kurnool		do	360	
Coimbatore		do	6,500	
West Coast		do	12,000	
Secunderabad		do	150	
Tanjore		do	600	
Trichinopoly		do	5,000	
Madura		do	420	
Trincomalee		do	540	
Reserve with the Govt.			4,120	
Total Civil Buildings			~~47,500~~ 40,000	47,500

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3411-3412
IP

Accounts.
Budget Estimate.

It is requested that the above heading, with number and date of this communication, may be quoted in any subsequent correspondence on this subject.

No. 2852-M-W.

GOVERNMENT OF INDIA.

MILITARY DEPARTMENT.

Simla, the 5th November 1890.

Resolution by the Government of India, Military Department, dated Simla, 1890.

The following provisional distribution of the grant for Military Works in 1891-92 is hereby notified :—

		Rs.	Rs.
Military Works Department, India	...	84,50,000	84,50,000
Public Works Department—			
Rajputana and Central India	... ...	90,000	10,50,000
Central Provinces	... ...	3,000	
Lower Burma ...	... ...	1,88,000	
Assam ...	... ...	2,00,000	
Bengal ...	... ...	40,000	
North-Western Provinces and Oudh	...	9,000	
Punjab ...	... ...	1,90,000	
Madras ...	... ...	80,000	
Bombay ...	... ...	2,50,000	
Ordnance Works ...	... ...	3,10,000	3,10,000
Marine Works ...	... ...	40,000	40,000
TOTAL	...	98,50,000	
Leaving for reserve with the Government of India	...	2,50,000	
GRAND TOTAL	...	101,00,000	

2. The above allotments include provision for any expenditure that may be incurred in England on stores for works classified as Military.

3. The distribution of the grants for Ordnance and Marine will be made by the Director-General of Ordnance and the Director of Indian Marine, respectively. These officers will communicate to the Local Governments and Administrations concerned the works which they desire to have undertaken during 1890-91 and the amounts available for each work which amounts will then be included by the local Governments and Administrations concerned in their Budget Estimates for Military Works.

4. The preliminary Budget Estimates should be prepared for the amounts now provisionally sanctioned together with the allotments, if any, made by the Director-General of Ordnance and the Director of Indian Marine, and should be submitted so as to reach the Government of India punctually by the 15th January 1891.

5. Orders regarding the grant for Military Works in Upper Burmah will issue hereafter.

P.W.C. No. 10803.

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

Ordered also that a copy be forwarded to—

The Secretary to the Governments of Madras, Bombay, Bengal, North-Western Provinces and Oudh, and Punjab in the Public Works Department.
The Chief Commissioners, Central Provinces, Burma and Assam.
The Agent to the Governor-General, Rajputana and Central India.
The Director-General of Military Works.
The Director-General of Ordnance in India.
The Director of the Indian Marine.
The Resident at Hyderabad.

The Quartermaster-General in India.
The Accountant-General, Public Works Department.
The Accountant-General, Military Department.

By order,

A. C. Talbot

for *Secretary to the Government of India.*

To

The Secretary to the Government of Madras
Public Works Department.

R/13-1A

G. C. Press, Simla.—No. 2987M. D.—5-11-90—332.

R/

Form No. 7.

HEADING Accounts
Budget Estimate

QUARTER MASTER GENERAL'S OFFICE,
Ootacamund,
25th November 1890.

It is requested that the heading, number, and date of this communication may be quoted in any subsequent correspondence on this subject.

No. 948 M.W.

3411-3412/19

From

Colonel E. H. Eyre,
Offg. QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,
Public Works ~~Military~~ DEPARTMENT.

SIR,

In acknowledging receipt of Resolution of the Government of India M. D. No. 2852 M.W. of 5th November 1890, forwarded with your letter No. 4749 C of the 19th instant, fixing the grant for 1891/92 for Military Works in charge of the P.W. Department at Rs. 80,000/- I am desired to say, that the proposal to allot the amount, viz. Rs. 14,120/- available for Major Works, towards the construction of the new barracks at Calicut, is accepted, but that owing to the surrender by the Superintending Engineer of Rs. 10,000/- of the grant allotted for this work in the current

current year's budget, and regarding which no previous intimation was given to this Office, it will now be necessary to make an application to the Government of India for a special grant of Rs. 7440, to admit of the completion of the Barracks before the close of the official year 1891/92.

2. With reference to para 4 of your letter under reply, I am to say that the Commander in Chief considers the construction of the shed for transport animals at Malapuram, a work of an urgent nature. His Excellency accordingly desires me to request that the Government of India may be addressed with view to a special allotment of funds being secured for the provision of the sheds in question.

3. With reference to the penultimate para of your letter, I am to suggest that a sum similar to that

provided

3411-3412
20.

provided in the current year, may be allotted to General Officers Commanding Districts concerned and the Commissary General for the execution of Minor Works at stations under the control of the Public Works Department.

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

J. A. Lyon Colonel
Offg. Quarter Master Genl.

Military (189) Department.

No.

From

THE QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,
P.W
~~MILITARY~~ DEPARTMENT,

No. 948 M.A.

Dated 25th
Received 27th } November 1890.

ENCLOSURE. Nil.

Requests that the Govt of India may be addressed for a special allotment of funds for provision of sheds for transport animals at Malapuram.

Imperial
Military Works.

3911-3412
91

Revenue

Budget Estimate for Imperial Services Public Works Revenue in the I Circle for 1891-92

D

	Budget Estimate 1891-92	Budget Estimate 1890-91	Revised Estimate 1890-91
Realized in the Public Works Department	800		

Imperial Military Works — Part

Detail of the Budget Estimate for original — First Circle

Works for the year 1891-92.

3611-3612/92

Head of classification	Executive Division	Locality	Item Number	Projected Works	Amount of Estimate	Outlay: Detail to end of 1889-90. Probable during 1890-91	Outlay: Works in progress	Outlay: Works not commenced	Outlay: Total	Grant for 1891-92: Item No.	Grant for 1891-92: Remarks & references
				Imperial Ordinary Military Works.							
				Original Major —							
01 Accommodation for troops - Buildings for Native troops room for Infantry in storage for equipage	Vizagapatam	Vizianagaram	1	Regimental Store including Camp	3,480	"	"	-	3,480	3,480	1 G.O. No. 2628 W d/ 27th October 1887 Item No. 58 of class B. Works of Budget 1890-91.
——do——	——do——		2	Minor Works (costing Rs. 25000 & below each) Regimental Magazine for Native Infantry	1530	-	-	-	1530	-	2 G.O. No. 278 W d/ 15th February 1885.
——do——	——do——		3	Improvements to the ventilation of Regimental hospital Madras Infantry	545	-	-	-	545	-	3 G.O. No. 1746 W d/ 15th July 1884.
								Carried Over	2075	3480	

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Head of Classification	Executive Division	Locality	Item No.	Projects & Works.	Amount of Estimate	Amount to end of 1889-90	Probable outlay 1890-91	Works in progress	Works not commenced	Total	Item Number	Remarks.
				Imperial Ordinary					2075	3480.		
				Military								
				Minor Works (contd.)								
Accommodation for Troops. Buildings for Native troops.	Vizagapatam	Vizianagaram	4	Additions to the Regimental hospital - Do	515	"	"	"	515			G.O. No. 1799 W dated 21-1-84
—Do—	—Do—		5	Sinking a new well & constructing additional drains in the Native Infantry Regiment	1300	"	"	"	1300	3890	5	Chief Engineer's No. 1036 C dated 24th February 90
				Total original Works-						7370.		

Imperial Military Budget Estimate

Statement showing the amounts of the Estimated requirements in lump sums to be provided in the Imperial Budget Estimate for 1891-92.

3411-3412
20

Divisions	Minor Works						Repairs						Remarks.
	Military	Civil Buildings	Communications	Miscellaneous Public Improvements		Military	Civil Buildings	Communications	Miscellaneous Public Improvements		Roads & Plant.		
Ganjam	1000	"	"	"		1000.	"	"	"		"		The amounts herein entered are on account of unforeseen works, and no details for them can therefore be given.
Vizagapatam	100	"	"	"		2200	"	300	"		"		
Godavari Eastern	"	"	"	"		1000	"	"	"		"		
—Do— Western	"	"	"	"		"	"	"	"		"		
Total	1100	"	"	"		4,200	"	300	"		"		

26th September 1890

F. D. Wyllow.
Supg: Engineer I Circle.

JK

3411-12
25

3411 - 3412
25

Imperial Budget
Estimate of Military wor
of the first Circle for
the year 1891-92

III Circle

Statement showing the proposed expenditure in the ensuing official year and the approximate outlay in the current official year under all Budget heads Major work being specified in detail to accompany the Budget Estimate for 1891-92.

Division	Detail	Estimate amount	Grant for 1890-91	Approximate expenditure during 1890-91	Proposed expenditure during 1891-92	Remarks
3041-3442 / 96	Imperial Military Works					
	Original Work					
	Nil					
	Repairs					
Cuddapah	Annual repairs lump sum	-	780	780	780	
Kurnool	—— Do —— Do ——	-	360	360	360	

Supt Engrs Office
Bellary 1st Oct 1890

H Swatton Lt Col R
Supt Engineer
3d Circle

From The Secretary Madras Govt
To The Chief Engineer
No 1012

Sir

The Chief Engineer
In Mlle Works Department
Madras

Dated 7th October 1890

Budget Estimate for Imperial Military Works for 1891-92

Nil

H Swatton Lt Col R
Supt Engineer 3d Circle

No 6109

Statement to accompany
the Imperial Receipt
Estimate of Military
Works for the year 1891-92

Imperial
Military Works

III Circle
3411-3412
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Imperial Budget estimate of Military Works for the
year 1891-92.

Division	District	Items	Estimate 1891-92 Amount	Estimate 1891-92 Total	Estimate 1890-91 Amount	Estimate 1890-91 Total
		Imperial Military Works Original Nil				
		Imperial Military Works Repairs				
Military	Cuddapah	Cuddapah	Annual repairs	780		780	
"	Kurnool	Kurnool	—— do ——	360		360	
					1140		1140

Supt Engrs Office
Secunderabad 30th Septr 1890

H Smalley Capt R
Supt Engineer
3 Circle

P W C No. 5365

To

The Chief Engineer

P. D. Department

Madras

Dated 3 to September/90

Dated 2nd Oct 8-10-90.

Imperial Budget-

Estimate of Military

Works for the year 1891-92

Fourth Circle

3411-3412

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West Coast Division

Statement showing the approximate outlay under

Imperial Military during 1890-91

Head of Classification	Approximate outlay 1890-91	Remarks
Imperial		
Military		
Major	15500	
Minor	1000	
Total Original Works	16500	
Repairs - - - -	26000	

Executive Engineers office
Calecut 2nd September 1890

P. Roscoe Allen
for Executive Engineer

ENGINEER'S OFFICE
SEP 90
F. W.D.
FOURTH CIRCLE.

Pin Lines
9274/90

3411-12
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Coimbatore Division

Statement shewing the proposed expenditure in the year 1891–92 and the approximate outlay in the current official year under the head Imperial Military

Projects and Works.	Amount of Estimate	Outlay up to 31st March 1890	Approximate outlay in the Official year 1890–91	Proposed expenditure in the year 1891–92
Imperial Military				
Major Works				
Constructing quarters for the warrant Officers attached to Army Head quarters at Ootacamund	6100	"	"	6100
Converting the Sappers Hospital on stone house hill Coty into quarters for two sergeant Instructors attached to the Nilgiris volunteer Rifles	3600	"	"	3600
Total Major Works	9700	"	"	9700
Minor Original Works				
Constructing Compound walls to the west and north side of the Rest Camp at Podanore	493	"	"	493 ✓
Constructing a sick cart shed to the Rest Camp at Podanore	450	"	"	450 ✓
Total Minor Works	943	"	"	943
Repairs		"	28630	6500	6500

V.H. 6/9/90

2611-30/2
30

Ex. Engineer
Executive Engineer
8-9-90

SUPDT. ENGINEER'S OFFICE
9 SEP 90
P.W.D.
FOURTH CIRCLE

From
The Executive Engineer
Cawnpore Dn

To The Supdg Engineer
IV Circle

Dated 8th September
1890

Imperial Budget
Estimate Military
works for 1891-92
with a statement
of expenditure

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Imperial
Military Works

Fourth Circle.

Public Works Department.

Imperial Budget Estimate.

of

Military Works.

of the

Fourth Circle

for the Year

1891-92.

27-9-90

Rud Rahe Borchmann
Lt Col: R.E.,
Superintending Engineer, IV Circle.

Revenue.

Abstract of the Budget Estimate of Revenue of the Public Works Department from Military Works in the fourth Circle from 1st April 1891 to 31st March 1892.

	Actuals 1889-90	Budget Estimate 1890-91	Revised Estimate 1890-91	Budget Estimate 1891-92
In Public Works Department	159	-	-	-
In Civil and Military Department	"	"	"	"

Charges

Abstract of the Budget Estimate of expenditure of the Public Works Department Military works in the fourth Circle from 1st April 1891 to 31st March 1892.

	Reference to detailed Estimate	Actuals 1889-90	Budget Estimate 1890-91	Revised Estimate 1890-91	Budget Estimate 1891-92
Original works — In progress	-	36,625	23,065	26,444	80,116.
Original works — Not commenced					
Repairs — Ordinary	-	56,991	28,000	28,000	28,500.
Repairs — Special					
Establishment	-	-	-	-	-
Tools and Plant	-	-	-	-	-
Suspense Account	-	-	-	-	-
Total	-	93,616	51,065	54,444	108,616.

3A11-3912/38

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

	Actuals 1889-90	Budget Estimate 1890-91	Revised Estimate 1890-91	Budget Estimate 1891-92 original works. In progress	Not Commenced.	Total.	Repairs	Establishment.	Tools and Plant	Suspense Account	Barrack Department	Total.
Provision from Imperial Funds												
In India	93,616	51,065	54,444	-	80,116	80,116	28,500	-	-	-	-	108,616
" England	"	"	"	"	"	"	"	"	"	"	"	"
Total	93,616	51,065	54,444	-	80,116	80,116	28,500	-	-	-	-	108,616.
Provision from Contributions												
In India	-	-	-	-	-	-	-	-	-	-	-	-
Grand Total	93,616	51,065	54,444	-	80,116	80,116	28,500	-	-	-	-	108,616

Statement showing the works on which outlay in England above provided for is to be incurred.

Actuals 1889-90	Budget Estimate 1890-91	Revised Estimate 1890-91	Budget Estimate 1891-92 original works In progress	Not Commenced	Total	Tools & Plant	Suspense Acct	Total

- Nil.

Part I
Fourth

Detail of the Budget Estimate

Circle.

3411-3412
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for Original works for the year 1891-92.

Head of Executive / Classification	Division	Locality	Item No.	Projects and Works.	Amount of Estimate	Outlay: Actual to end of 1889-90	Outlay: Probable during 1890-91	Grant 1891-92: works in progress	Grant 1891-92: Works not Commenced	Grant 1891-92: Total	Item No.	References and Remarks.
				Imperial Ordinary. Military. Original Works.								
1 Accommodation for Troops in the Hills and plains. Permanent.		Coimbatore Ootacamund	1	Converting the Sapper Hospital building on stone house hill into quarters for two Serjeant instructors attached to Nilgiri Volunteer Rifles.	3,600					3,600	1.	G.O. No. 1068 W. dated 9th April 1888. Item No. 25 of Class B works Budget of 1890-91
Ditto.	Ditto.		2.	Constructing quarters for the Warrant Officer attached to Army Head Quarters.	6100					6,100	2.	G.O. No. 1316 W of 10th May 1890.
West Coast.	Calicut.		3.	New Barracks with Subsidiary Buildings	-					20,000	3.	Item No. 3 of Class B works Budget of 1890-91.
										Carried over		29,700

Part I
Fourth

Detail of the Budget Estimate

Circle.

for Original Works for the year 1891-92.

3911-3912
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Head of Classification	Executive Division	Locality	Item No.	Projects and Works	Amount of Estimate	Outlay Actual end of 89-90.	Probable during 1890-91.	Works in progress.	Works not Commenced	Total	Item No.	Referenced and Remarks.
						Grant 1891-92						
Buildings for European troops in the plains. Permanent. (Continued)	West Coast	Calicut	4	Quarters for an Apothecary, West Hill Barracks.								
				Brought over						29,700		
	Ditto	Mangalore	5.	Quarters for two Hospital Assistants.						5,000	4.	Estimate under preparation. Item No. 12. Class B Works. Budget of 1890-91
	Ditto	Vayitri	6.	Re constructing Serjeant instructors quarters.						4,000	5.	Estimate under preparation. Item No. 13. Class B works Budget of 1890-91
										43,700	6.	Estimate under preparation.
Buildings for Native Troops.	Ditto	Cannanore	7.	Constructing quarters for 11 men of Army Hospital.	2,980.					2,980	7.	G.O. No. 2704 dated 26th September 1889. Item No. 63. Class B Works. Budget of 1890-91.
										2980		
				Carried over						46,680		

Part I
Fourth

Detail of the Budget Estimate

Circle

for original works for the year 1891-92.

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Head of Classification	Executive Division	Locality	Item No.	Projects and works.	Amount of Estimate	Outlay. Actual end of 1889-90	Outlay. Probable during 1890-91	Works in progress	Works not commenced	Total	Grant 1891-92 Item No.	References and Remarks.
										Brought over	46,680	
Commissariat	West Coast	Malapuram	8.	Cattle shed for the Commissariat Department	} - - -					4,000	8.	Military Department are being consulted in the preparation of plan and estimate Item No 78. Class B works. Budget of 1890-91
-Ditto-	-Ditto-		9.	Sheds for 12 bullocks and 10 mules.	} 2,824					2,824	9.	G.O. No 1245 W. of 27th April 1888. Item No 79 Class B works. Budget of 1890-91
												6,824
8. Fortifications	-Ditto-	-Ditto-	10	Constructing a fortified post	} 8248.					5,000	10	G.O. No 3114 W of 14th Nov 1887. Item No 98. Class B. works. Budget of 1890-91
												5,000
1 Accommodation for Troops.	Coimbatore	Podanur.	11	Constructing a compound wall to the west and North side of the Rest Camp	} 493					493	11	Supg. Engineer's Register No 16 of 1888-89.
												493.
										Carried over	58,997	

Part I
Fourth Schedule.

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Detail of the Budget Estimate for Original works for the year 1891-92.

Head of Classification	Executive Division	Locality	Item №	Projects and works	Amount of Estimate	Outlay actual to end of 1889-90	Outlay Probable during 1890-91	Grant 1891-92 works in progress	Grant 1891-92 works not Commenced.	Grant 1891-92 Total	Item №	References and Remarks.
				Brought over	58,997							
5 Stud	Coimbatore	Podanur	12.	Constructing a sick cart shed to the Rest Camp	450			- - -	450		12	Register №3 of 1889-90
									450.			
Buildings for West Coast Quilon Native Troops			13.	Armourer's shop	2489			- - -	2489		13	G.O. №3772 W of 29th Nov. 1888.
Ditto	Calicut		14.	Additions and improvements to the wash house	780			- - -	780		14.	G.O. №1849 W. of 21st June 1888.
Ditto	Malapuram		15	Converting Beer godown into Gymnasium	790			- - -	790		15	G.O. №3481 W. dated 13th February 1885.
Ditto	Ditto		16	Constructing a platform and pump for a well at the Barracks	1180			- - -	1110		16.	G.O. №1034 W dated 2nd May 1885.
				Carried over	5169							
												59,447

Part I
Fourth

Detail of the Budget Es

Circle-

mate for original works for the year 1891-92

3611-3612
3rd

Head of Classification	Executive Division	Locality	Item No.	Projects and Works	Amount of Estimat
Buildings for Native Troops. (Continued)	West Coast	Calicut	17.	Constructing two servants rooms and stables for the quarters occupied by the Assistant Apothecary Station Hospital West Hill Barracks	606.
Ditto	Ditto	Quilon	18	Constructing two solitary cells attached to the Barracks	1,245.
Ditto	Ditto	Calicut	19	Constructing quarters for 8 men of Army Hospital	1,900
Ditto	Ditto	Malapuram	20	Constructing quarters for 7 men of Army Hospital	1,670

Outlay Grant 1891-92

Actual to end of 1889-90	Probable during 1890-91	Works in progress	Work not Commenced	Total	Item No.	References and Remarks
Brought over		5,169	59,447			
					17.	G.O. No. 3305 W dated 3rd December 1887.
"	"	"	606.			
					18	G.O. No. 1861 W dated 12th July 1887.
"	"	"	1,245.			
					19.	Supg. Engrs Register No. 74 of 1889-90.
"	"	"	1,900			
					20.	Do Do 97 & 98 of 1889-90
"	"	"	1,670			
Carried over		10,590	59,447.			

Part I
Fourth

Detail of the Budget

Circle

Estimate for Original Works for the year 1891-92

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Head of Classification	Executive Division	Locality	Item No.	Projects and Works.	Amount of Estimate	Outlay Actual to end of 1889-90	Outlay Probable during 1890-91	Grant 1891-92 Works in progress	Grant 1891-92 Works not Commenced	Grant 1891-92 Total	Item No.	References and Remarks.
								Brought over		10,590	59,447	
Buildings for West Coast Native Troops. (Continued)		Mangalore	21.	Substituting Asphalte for Chunam in the flooring of the wards and Surgery of the Hospital attached to Native Infantry Regiment.	695				695.		21.	G.O. No 16475 dated 15th July 1884.
Ditto	Ditto		22.	Flooring with tar Composite the Native Infantry place of arms	653.				653		22	G.O. No 2856 dated 6th February 1885.
Ditto	Ditto		23.	Petty improvements to the Regimental Lines	671				671		23.	G.O. No 19736 dated 23rd July 1887.
										12,609		
1 Accommodation for Troops	Ditto	Cannanore	24	Sinking a well in the station Hospital compound	700				700		24.	Engg. Engrs Register No 43 of 1884-85
								Carried over		700	72,056	

Imperial
Military works

Part I
Fourth

Detail of the Budget

3911-3912
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stimate for Original works for the year 1891-92

Head of Classification	Executive Division	Locality	Item No.	Project and works	Amount of Estimate	Outlay actual end of 89-90	Probable during 1890-91	Grant 1891-92 Works in progress	Work not commenced	Total	Item No.	References and Remarks.
				Brought over				700	72056			
1. Accommodation for Troops (Continued)	West Coast	Calicut	25.	Providing wooden floor to the Skittle alley E. I. Barracks	525				525		25	Supg. Engrs Register No 78 of 1889-90
	Ditto	Ditto	26	Converting the present Coffee shop into Soldiers institute	762				762.		26	Ditto Ditto No 84 of 1889-90
										1,987		
2. Commissariat Buildings	Ditto	Ditto	27.	Constructing Purveyors Quarters	1163				1,163.		27.	G.O. No 2345. of 1st August 1888.
	Ditto	Malapuram	28	Do Do Do	1250				1,250		28.	G.O. No 12425 of 27th April 1888
	Ditto	Cannanore	29	Do Do Do	1326				1,326		29.	Supg. Engrs Register No 76 of 1888-89.
				Carried over				3,739.	74043			

Part I
Fourth

Detail of the Budget

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Circle.

Estimate for Original Works for the year 1891-92

Head of Classification	Executive Division	Local.	Item No.	Project and Works.	Amount of Estimate	Outlay Actual to end of 1889-90	Outlay Probable during 1890-91	Grant 1891-92 Works in progress	Grant 1891-92 Works not commenced	Grant 1891-92 Total	Item No.	References and Remarks.
				Brought over				3739	74043			
3 Commissariat Buildings (Continued)	West Coast	Cannanore	30	Erecting a Masonry Compound wall to the Cattle pen and Slaughter house at	1010			1010			30	Supg. Engrs Register No 52 of 1890-91.
									4749			
6. Lines of Military Communications.	Ditto	Mangalore	31.	Gravelling the main streets in the Regimental lines at	594			594.			31.	Do Do No 47 of 1890-91
8. Fortifications.	Ditto.	Cannanore	32	Re building the damaged embrasures in the Fort at	730			730.			32	Do Do No 53 of 1890-91.
									1,324			
									80,116			

Fourth Circle

Part II

Detail of the Budget Estimate of Repairs of Public works under Imperial Services in the Fourth Circle for the year 1891-92.

Head of Classification.	Executive Division	Locality	Items.	Estimate 1891-92 Amount	Estimate 1891-92 Total	Estimate 1890-91 Amount	Estimate 1890-91 Total
			Military.				
	Coimbatore	— " —	Annual Repairs	6,500		6,000	
	West Coast.	— " —	Ditto.	22,000		22,000	
			Total Military		28,500.		28,000

Fourth Circle

3611 3612 41

Part II

Detail of the Budget Estimate of Minor Original works under Imperial Services in the Fourth Circle for the year 1891-92.

Executive Division	Locality	Items.	Estimate 1891-92 Amount	Estimate 1891-92 Total	Estimate 1890-91 Amount	Estimate 1890-91 Total
		Military				
		Empr sum grants for unforeseen works				
West Coast	— " —	Military	800		"	
		Total Military		800		"

5th Circle

Madras P. W. Department
Imperial military
Part I
Nil
Part II

3611-3412
42

Detail of the Budget Estimate of Repairs for the year 1891-92

Head of classification	Division	Executive	Memo	Estimate for 1891-92 Amount	Total	Estimate for 1890-91 Amount	Total
Building for the Accommodation of subordinates	Trichinopoly Division	Executive Engineer	Rent of quarters hired for Sergeant Instructor D Company Vol: Rifle Corps S.I Railway at Rs 15 per mensem.				
			Sum	180	180	180	

No 3373/3.
To. The Chief Engineer
P.W. Department.

AF 19/10

Colonel &c.
Superintending Engineer Circle

20th October 1890.

From

The Superintending Engineer

Circle

To

The Chief Engineer

& Secretary to Government

Madras

Dated 20th December 1890

Received 22nd December 1890

No. 3373

Subject

Budget for Imperial Military Works for 1890-92.

Imperial - Military Works

6th Circle

Part I

Detail of the Budget Estimate for Original Works for the Year 1891-92

Head of Classification	Executive Division	Locality	Item No	Projects & Works	Amount of Estimate	Outlay actuals to end of 89-90	Outlay Probable during 90-91	Grant 1891-92 Work in progress	Grant 1891-92 Works not commenced	Grant 1891-92 Total	Grant 1891-92 Item No	Remarks & reference
				Imperial - Ordinary Military Original Works. Major Mil — Minor Works								3611-3612 63
1. accommodation for troops. Buildings for native troops	Trichinopoly	Trichinopoly	1	Additional Solitary Cells for Madras Pioneers	500	.	.	.	500	500	1	Estimate will be submitted shortly agreeably G.O. No. 2560 W. 29-9-90.

6th October 1890

A Smith Lieut Col R.E.

Supg Engineer 6 Circle

Imperial Military Works

Part II

Detail of Budget Estimate of Repairs of Public Works under Imperial Military Works, for the Year 1891-92

Head of Classification	Executive Division	Locality	Items	Estimate 1891-92 Amount	Estimate 1891-92 Total	Estimate 1890-91 Amount	Estimate 1890-91 Total
Accommodation for Troops	Trichinopoly	Trichinopoly	Repairs to Buildings	3800			
			Repairs or maintenance of Cantonment Roads	1200	5000	5000	5000
Rent of Buildings for accommodation of Subordinates	Tanjore	Kumbakonam & Tanjore	Hire for Quarters for Medical Subordinates	600	600	800	800
Do	Madura	Madura & Kodaikanal	Hire for Quarters for Sergeant Instructor S.I.R. Volunteer Rifle Corps & for Medical Subordinate in charge of Dispensary	420	420	420	420
Do	Tinnevelly	Tuticorin	Do	Do	540	540	560	560
				In Cal Rs	6560		6780

Oct 6th October 1890

A Smith Lieut Col R
Supt Engineer 6th Circle

3411 — 3412 / 4 4

P.W.O. No. 9827

From

The Superintending Engineer
6th Circle

To

The Chief Engineer &
Secretary
P.W.D.

No. 1332-7.

Dated 6th October 1890
Despd 8-10-90

Budget Estimate of
Imperial Military Works
and Repairs proposed to
be carried out by the
Public Works Department
for the Official year 1891-92

2411-3612
65.

P.W.D.

No. 4749 dated 8th Nov. P.W.D.

To

The Accountant-General
Punjab.

Sir,

I have the honor to forward herewith for the information of His Excellency the Commander-in-Chief, copy of resolution of the Government of India, Military Department, No. 2852 M.W. dated 5th November 1890 giving the grant for 1891-92 for military works in charge of the P.W. Department at Rs 89,000 which is distributed in departmental heads will be as follows

follows:—

	Rs
Works —	64,120
Establt —	14,920*
Tools & Plant —	960†
Total Rs	80,000

* represents 23 p.c. on Rs 64,120 and 5 per cent on the estimated recoveries of Rs 3400 — viz Rs 14918 or 14920 in round figures

† 1½ p.c on 64120 — viz 952 or Rs 960 in round figures

2. Of the sum of Rs 64,120 available for works, Rs 45,000 will be entered part for repairs leaving Rs 19,120 for original works. Of the latter sum Rs 5000 will be assessed for incomplete major & minor works, and the balance available for allotment to major works will therefore be Rs 14,120.

3. A sum of Rs 20,000 was provided in the current year's budget for the new bridge works at Calicut, but the sanction of the Govt of

of India to the estimate having been delayed, the Supg Engineer suspended a portion of the grant viz Rs 10,000 vide G.O. No 2950 W and 7th Nov 90 to admit of the completion of the bridge before the close of the official year 1871-72 as described in para 3 of your letter No 416 mg dated 9th September 1870. A sum of Rs 21,560 will be required — thus the amount available for major works is only Rs 14,120. This sum will, if it proves to be provided for the work in the ensuing year's budget, and the Govt of India will be requested to provide the balance Rs 7,440.

4. If

4. It has not been found possible to provide the grant required for constructing a shed for the transport animals at Malapuram which was classed under B works in the schedule submitted with your letter No 416 M.D. dated 9th Sept 1870. If however, H.E. the Commander-in-Chief considers that the shed should be constructed at once, and that application should be made to the Government of India for a special allotment, the necessary action will be taken in this department.

5. With reference to para 3 of letter from the Govt of India, Military Dept, No

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No 1141 new, dated 16th June 1870, printed with S.O. 82 1960 W of the 18th July 1870, I have the honor to request the favor of the opinion of H.E. the Commander-in-Chief regarding the amounts to be placed at the disposal of General officers commanding Divisions & districts &c for works in charge of the P.W. Dept. It is presumed that the grants for works in charge of the Military Department will be communicated direct to the Chief Engineer, Military Works, Madras Command.

6. An early reply is requested.

in

in order that the preliminary budget may be prepared in time for submission to the Govt of India.

Thanks &c.

Hues
8.11.90

2560-61 wa/29-9-90
1960-61 wa/18-7-90

9365
9620
9627
100/80

Dr 19/11/90

The grant is very small compared with that asked for (2,36,500) & is quite insufficient for the requirements of the Military Centres in charge of, or the works undertaken by the P.W.D.

Hues
10.11.90

R 4949 dy 19-11-

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P.W. Department

No 3411 W dy 22nd Dec/90

Proceedings of the Madras Government

10

Read the following letter

A

From the S.E.I. Circle No 4158 K, dy 26th Sept 90.
2d II dated 7th October 1890.
2d III dated 30th September 1890.
2d IV No 315 EW, dy 30th Sept 1890.
2d V No 3373, dy 20th Oct 1890.
2d VI No 1338 Ty, dy 16th Oct 1890.

Resolution by the Govt of India, Military Department dated 5th Dec 1890 No 2552 MW.

Letter from the Quarter Master General No 948 MS, dated 25th November 1890.

Under these Resolutions above recorded, the Govt of India sanctioned a provisional grant of Rs 80,000 for ordinary expenditure on Military Works at stations in charge of the P.W. Department during the year 1891-92. The amount distributed under Department heads

H 19/12/90

heads will be as
shown below:—
Works — Rs 64,100
Estab — 14,740
Tools & Plant — 160
Total Rs 80,000

2. Of the sum
of Rs 64,100 available
for works the following
amounts have been
set apart:—

	Rs
Incomplete major works	5,000
Repairs	45,000
	50,000

and the balance
Rs 14,100 has been
allotted for the
new barracks at
Calicut.

3. A sum of
Rs 20,000 was pro-
vided in the current
year's budget for the
new barracks at Calicut,
but the sanction of
the Government of
India to the estimate
having

having been received
late in the year it
was not found possible
to spend more than
Rs 10,000 on the works
during the current
financial year and the
balance Rs 10,000
was therefore surrendered.
To enable the com-
pletion of the works
before the close of
the year 1891-92 as
desired by H.E. the
Commander-in-Chief
a sum of Rs 21,560
will be required. Of
the amount available
for major works in
only Rs 14,100 that
sum has been provided
for the works in the
budget, and the Govt
of India will be requested
to provide the balance
Rs 7,460.

4. It has not been
found possible to
provide

provide the grant required for constructing
asked for the transport
animals at Mala-
-pura am which is
considered to be a
work of an urgent
nature. The Govt
of India will therefore
be requested to pro-
-vide a special
allotment of Rs 2,834
or Rs 2,836 in excess
of percentage charges
to admit of the Con-
-struction of the
shed during the coming
official year as
decided by H.E. the
Commander-in-Chief.

5. The amount
set apart for in-
-complete major
and minor works
will, as usual, be
held in reserve with
the Government and
be distributed early
next

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work year on receipt
of detailed papers
from Supdg Engineers
6. The grant for
Repairs has been
distributed among
the several divisions
in Part II of the
Budget.
7. With reference
to para 3 of the
letter from the Govt
of India, Military
Dept. No 1411 M.W.
dated 16th June 1870
printed with G.O.
1760 W. dated 18th July
1870. that Government
will be informed that
the same sum as that
provided in the current
year viz Rs 14,000
may be placed at
the disposal of the
General officers com-
-manding Districts
and the Commissary
General for the execu-
of minor works

ch

at stations in charge of the P.W. Dept.

8. The difference between the Budget and the revised estimates of charges for 1891-92 is due to additional grants having been sanctioned by the Government of India and the Director General of Military Works & K.S. for works under the P.W. Dept.

9. With these remarks the preliminary issue of the Military Works Budget for 1891-92 will be printed and circulated to the officers concerned for information and guidance, and four copies will be forwarded to the Government of

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51 13P

To
Supdg Engr
Chief Clerk
Ex. P.W. Accts.
Military Over Dr.
Financial Dept.

Dept
17/1/92

Govt of India, Military Department.

No 3412 W dated 27/12/90

To No 3412 W dated 27/12/90
The Secy to the Govt of India
Military Dept.

Sir,

In forwarding the accompanying Budget Estimate for 1891-92 of Military works in charge of the P.W. Dept, and copy of Proceedings of this Government No 3411 W dated 27/12/90 I am directed to request that the statements referred to in paras 3 and 4 thereof may be transmitted by the Govt of India, and that the Director General

of

J.H.S
17/1

of Military Works may be instanced to place a sum of Rs 4,000 at the disposal of General officers Commanding Districts and the Commissariat General for minor new works at stations in charge of the P.W. Dept.

2. With reference to para 4 of the Resolution of the Govt of India No 1852 M.W. dated 5th November 1890, I am directed to inquire whether the schedule of requirements, & the budget estimate should as usual be submitted so as to reach the Govt of India by the 1st October and

Rs 4,980 including postage charges.

3611-34/2
52 140

and 15th January respectively or whether the revised dates in case of Imperial funds, fixed by the Govt of India, P.W. Department in its resolution No 1473 A.G. dated 21st October 1890 should be adhered to.

18.12.90

Dear Dash
9/1/91

Cr
Mad

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Govt. of 18 Madras.

PUBLIC WORKS.

Dated 22/11/90

Rcd. Encl.

G.O. 22/11/90 No. 3411
3412

Daily works Budget
for 1891/92

257
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Orders circulating
preliminary issue
&c -

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Daily works Budget
for 1891/92

Forty-nine remarks
preliminary issue of the
& regarding information in re-
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