No. 1200 W d/ 23.4.88
" 972 W d/ 26.3.88

PWC No. 5295

~~Military~~ Public Works {1888} Department.

No.

From
~~Colonel~~ Maj: Genl. H. McLEOD, R. A.,
Inspector General of Ordnance
Fort Saint George.

To
The Secretary to Government,
~~Military~~ Public Works Department.
Chepak

Rg 6.6.88

DATED 5 June} 1888.
RECEIVED

No. 1837 W d/ 20 June 1888

No. G. 35

Enquires what amount remains of the grant of Rs 9570 for minor Ordce Works for 1888/89.

0/12/6 off 10/6 18/6 R. 20.6.88

1st - 25/6 8/6 22/6

0/16/6 off 19/6 R. 20.6.88

PB/

No. G.
35

ORDNANCE OFFICE:
Fort Saint George,
5 June 1888.

From

Major Genl.
~~Colonel~~ H. McLEOD, R. A.

Inspector General of Ordnance.

To

The Secretary to Government,
Public Works ~~Military~~ Department

Sir,

Chepak

With reference to para 11 G. O. No. 1199 W dated 23rd April 1888, I have the honor to enquire how much of the grant of Rs 9570 for minor Ordnance works for 1888/89 remains at my disposal after providing for incomplete minor Works of 1887/88.

I have the honor to be
Sir
Your most Obedt Servant

H. McLeod Major General
Inspector General of Ordnance

No. 1200 W d/ 23.4.88
" 972 W d/ 26.3.88

PWC No. 5295

~~Military~~ Public Works {1888} Department.

No.

From
~~Colonel~~ Maj. Genl. H. McLEOD, R. A.,
Inspector General of Ordnance
Fort Saint George.

To
The Secretary to Government,
~~Military~~ Public Works Department.
Chepauk

Ry 6.6.88

DATED 5 } June } 1888.
RECEIVED

No. 1837 W d/ 20th June 1888

No. G./35

Enquires what amount remains of the grant of Rs 9570 for Minor Ordce Works for 1888/89.

0/16/6. OH 109.6.
R. 20.6.88

GENERAL.
ACCOUNT.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated April, 23rd.

Recd. *Encl*

G.O., 23rd Apr. 1888, No. 1200 W.

APRIL.

Military Works Budget Estimate for 1888-89

Forwarding copies of the final issue of the Imperial—.

no 1200 W d/ 23.4.88
" 972 W d/ 26.3.88

PWC No 5295

~~Military~~ Public Works {1888} Department.

No.

From

Maj: Genl ~~Colonel~~ H. McLEOD, R. A.,
Inspector General of Ordnance
Fort Saint George.

To

The Secretary to Government,
Public Works ~~Military~~ Department.
Chepak

Rg 6.6.88

DATED 5 June 1888.
RECEIVED

No 1837 W d/ 20 June 1888

No. G.
35

Enquires what amount remains of the grant of Rs 9570 for Minor Ordce Works for 1888/89.

0/16/6. O.S. 109.6.

R. 20.6.88

R/

23RD APRIL 1888, No. 1200 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

EXTRACT from the Proceedings of the Government of India, Military Department—(No. 640-M.W., under date Fort William, 23rd March 1888).

MADRAS.

Orders on the Military Works Revised Estimate for 1887-88 and Budget Estimate for 1888-89.

Read—

Military Department Resolution No. 2309-M.W., dated 3rd November 1887.
Letter No. 32 W., dated 6th January 1888, from the Government of Madras.
" 190 W., " 17th " " " " "
" 441 W., " 7th February " " " "
" 614 W., " 21st " " " " "

Resolution—

The estimates of revenue are accepted for the sums entered in the following table :—XXXI.—REVENUE.

—	Actuals, 1886-87.	Budget estimate, 1887-88	Revised estimate, 1887-88.	Budget estimate, 1888-89.
In the Public Works Department.	RS. 23,984	RS. 25,000	RS. 25,000	RS. 27,800

44.—EXPENDITURE.

Revised Estimate, 1887-88.

2. The revised estimate is passed for the amount of the existing grant Rs. 5,73,500, which includes the additional grants of Rs. 7,500 and Rs. 16,000 sanctioned in Military Department letter, No. 2528-M.W., dated 19th December 1887, and telegram No. 376-M.W., dated 17th February 1888, for the conversion into barracks of buildings in Fort St. George and for Minor Works, respectively.

Budget Estimate, 1888-89.

3. The estimate has been framed for the provisional grant of Rs. 5,25,000 sanctioned in Military Department Resolution, No. 2309-M.W., of 3rd November 1887, but a further sum of Rs. 99,300 is hereby allotted to provide for expenditure on Ordnance Works in Madras. Out of this sum provision must be made to meet the cost of land required for a coal store at Vepery ; the balance will be distributed, as far as may be, in accordance with Madras G.O., No. 189-W., of the 17th January 1888,

the necessary modifications being determined by the Government of Madras in communication with the Director-General of Ordnance.

4. The Government of India regrets that no extra grant can be assigned for the provision of additional accommodation for troops at St. Thomas' Mount until full information is received as to the details of the scheme. If the project be approved, the necessary funds will probably have to be provided by postponing some of the works now entered in the budget estimate.

5. The details of the estimates of expenditure passed by the Government of India are exhibited in the following table :—

——	Actuals, 1886-87.	Budget estimate, 1887-88.	Revised estimate, 1887-88.	Budget estimate, 1888-89.
	RS.	RS.	RS.	RS
Original Works { In progress	1,45,707	1,42,600	1,62,300	57,300
Original Works { Not commenced				63,300
Repairs	3,11,795	3,00,000	2,78,500	3,00,000
Total Works and Repairs ...	4,57,502	4,42,600	4,40,800	4,20,600
Establishment	1,06,754	1,03,000	1,02,600	98,100
Tools and Plant	4,589	4,400	6,600	6,300
	5,68,845	5,50,000	5,50,000	5,25,000
Add—Grants sanctioned since submission of revised estimate	...	...	7,500	...
			16,000	
	5,68,845	5,50,000	5,73,500	5,25,000
Add—Grant sanctioned for Ordnance Works ...	...	...	...	99,300
	5,68,845	5,50,000	5,73,500	6,24,300
Deduct Expenditure in England	1,638	...	...	...
Net Expenditure in India	5,67,207	5,50,000	5,73,500	6,24,300

6. The provision made for works in anticipation of sanction of detailed estimates is admitted on the understanding that work will not be commenced until the estimates have been approved by competent authority.

Order—

Ordered that this resolution be communicated to the Government of Madras, with the request that 45 copies of the estimates, as now passed, may be submitted so as to reach the Government of India not later than the 1st May 1888.

Ordered also that a copy be forwarded to the Accountant-General, Public Works Department, for information.

(True Extract.)

(Signed) E. COLLEN, Lieut.-Colonel,
Secretary to the Government of India.

To the Secretary to the Government of Madras,
Public Works Department.

Telegram from the Director-General of Ordnance, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 17th April 1888, No. 10 E.

Your telegram. Please consult Local Ordnance what reductions can most conveniently be made.

From Colonel H. McLEOD, R.A., Inspector-General of Ordnance, to the Secretary to the Government of Madras, Public Works Department, dated Fort St. George, 20th April 1888, No. G-11.

With reference to telegram No. 11 E., dated 17th instant, from the Director-General of Ordnance in India, a copy of which is enclosed, I have the honor to inform you that the Rs. 8,830 required will be met from reappropriation from the undermentioned works referred to in letter No. 90 E. (Tour), dated Agra, 2nd January 1888, from the Director-General of Ordnance in India, to your address, republished in G.O., dated 17th idem No. 189 W. :—

Rupees 6,935 allotted for shed, Camp Equipage Depôt, Madras.
Rupees 1,895 from sum of Rs. 6,000 allotted for store rooms, Gun Carriage Factory, Madras.

Enclosure.

Telegram from the Director-General of Ordnance, to the Inspector-General of Ordnance, Madras, dated Simla, 17th April 1888, No. 11 E.

Rupees 8,830 required towards purchase site for coal store and Artificer quarters, Vepery. Inform Madras Works what reductions to meet this can most conveniently be made in works sanctioned in my 93 E. Tour 3. Report action taken.

Order—dated 23rd April 1888, No. 1199 W., Public Works.

Ordered that the final issue of the Imperial Military Works budget estimate for 1888-89 prepared for Rs 6,24,300, being the amount adopted by the Government of India in their resolution read at the head of these proceedings, be printed and circulated for the information and guidance of the officers of the department, 45 copies as noted in the margin being forwarded to the Government of India.

	COPIES.
To Simla	20
To Calcutta	25
Total ...	45

2. The provision made by the Government of India for Ordnance Works during 1888-89 is Rs. 99,300. Out of this sum Rs. 41,625 have been set apart for the purchase of land for a coal store at Vepery, and the balance, Rs. 57,675, has been distributed under the departmental heads as shown below. The sum available for works has been distributed in communication with the Director-General of Ordnance.

	RS.
Works	46,325
Establishment	10,655
Tools and plant	695
Total ...	57,675

3. The grant provided in the preliminary issue for item 1 under class A works has been reduced to the amount of the unspent balance of the sanctioned estimate for the work.

4. The alterations referred to in the proceedings of Government noted in the margin have been carried out in the final issue.

G.O., No. 423 W., dated 6th February 1888.
" " 504 W., " 11th " "
" " 950 W., " 22nd March "

5. A sum of Rs. 5,555 has been provided for the guard-room and fire-engine shed for the Ordnance Depôt at Agram, Bangalore—(*vide* G.O., No. 536 W., dated 16th February 1888).

6. With reference to paragraph 4 of the letter from the Government of India above recorded, the Quartermaster-General will be requested to furnish the required

details of the scheme for providing additional accommodation for troops at St. Thomas' Mount.

7. With reference to paragraph 5 of G.O., No. 31 W., dated 6th January 1888, the Government of India will be requested to provide a special grant of Rs. 5,680 required for converting certain buildings in Fort St. George into barracks for sixty single men.

8. It is observed that the grant of Rs. 50,000 applied for in letter to the Government of India, No. 870 W., dated 16th March 1888, for regimental institutes in this Presidency has not been provided. The Government of India will again be requested to consider the proposal favorably and issue early orders on the subject.

9. The unsanctioned works for which funds have been provided in the budget should not be commenced until plans and estimates for them have been sanctioned.

10. The grants for incomplete major works and repairs will be held at the disposal of Government and distributed on receipt of detailed proposals from the officers concerned, with reference to paragraph 1322 of the Public Works Code.

11. The grant for minor works will also be held in reserve, and, after providing for incomplete works of 1887-88, the balance will be placed at the disposal of the officers commanding divisions and districts.

(Here enter No. 1200 W., dated 23rd April 1888.)

(True Extract.)

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

To Superintending Engineers.
To the Examiner, Public Works Accounts.
" Military Department.
" Financial "
" Director-General of Ordnance.
" Inspector-General of Ordnance.

ENDORSEMENT—dated 23rd April 1888, No. 1200 W., Public Works.

Forwarded to the Government of India, Military Department.

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

Exd. J. Moses.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated April, 23rd.

Recd. *Encl*

G.O., 23rd Apr. 1888, No. 1200 W.

APRIL.

Military Works Budget Estimate for 1888-89

Forwarding copies of the final issue of the Imperial—.

List of Advance Works proposed to be provided with funds during 1888–89.

Name of Work	Amount of estimate	Part of outlay	Amount proposed to be expended during 1888-89	Remarks.
	Rs.	Rs.	Rs.	
1. Alterations and improvements to the Barrack Park Reserve Powder Magazine, St. Thomas's Mount	2,505	882	1,623	
2. Extending and enclosing verandah of steam hammer shed, Gun Carriage Factory, Madras	904	328	576	
Reconstructing the police guard room at the Gun Carriage Factory, Madras	2,460	"	2,460	Re Asstg. Engrs. Madras) authorised to commence the work immediately, after 1st April 1888 vide G.O. No. 972 W. dated 19th March 1888
4. Improvements to 2 gun sheds at the Gun Carriage Factory, Madras	2,420	"	2,420	— Do — — Do — — Do — — Do —
			Total	7,079

No. 1837 W d/ 20th June 1888

B.

To

The Inspector General of Ordnance
Madras.

Sir,

With reference to your letter No. $\frac{G}{35}$ d/5th June 1888, I have the honor to state that funds having been proposed to be provided for the incomplete and minor new works enumerated in the accompanying list, the balance of the Minor Ordnance Works grant ~~that will~~ to be placed at your disposal is Rs. 2,433.

2. A sum of Rs. 58 having been transferred to Burmah by the Director General of Ordnance in his letter No. 1023 E dated 15th May 1888, the grant for minor ordnance works during 1888-89 will be Rs. 9,512, not Rs. 9,570 as stated in your letter under reply.

× Letter No. 1549 W d/ 25th May 1888 is held back as it is required in connection with the orders on the state ment of demands. B

Issued
U/

MCR
16.6.88

Issued
18/6/88

B
16/6

FINAL ISSUE.

IMPERIAL.
MILITARY WORKS.

MADRAS.

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1888-89.

CHEPÂK,
23rd April 1888.

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

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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 1888 TO 31st MARCH 1889.

	Actuals, 1886-87.	Budget-Estimate, 1887-88.	Revised Estimate, 1887-88.	Budget-Estimate, 1888-89.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	23,984	25,000	25,000	27,800
In Civil and Military Departments	...	...	...	...
Total ...	23,984	25,000	25,000	27,800

CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT OF MILITARY WORKS IN MADRAS FOR THE YEAR FROM 1st APRIL 1888 TO 31st MARCH 1889.

	Reference to Detailed Estimate.	Actuals, 1886-87.	Budget-Estimate, 1887-88.	Revised Estimate, 1887-88.	Budget-Estimate, 1888-89.
		Rs.	Rs.	Rs.	Rs.
Original Works { In progress / Not commenced }	...	1,45,707	1,42,600	1,41,395	{ 74,277 / 1,34,273
Repairs ... ... { Ordinary / Special }	...	3,11,795	3,00,000	3,18,242	3,00,000
Establishment	...	1,06,754	1,03,000	1,06,979	1,08,755
Tools and Plant	...	4,589	4,400	6,884	6,995
Suspense Account	...	...	...	...	...
Total ...	...	5,68,845	5,50,000	5,73,500	6,24,300

IMPERIAL.
MILITARY WORKS.

MADRAS.

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

	Actuals, 1886-87.	Budget-Estimate, 1887-88.	Revised Estimate, 1887-88.	Budget-Estimate, 1888-89.								
				Original Works.			Repairs.	Establishment.	Tools and Plant.	Suspense Account.	Barrack Department.	Total.
				In progress.	Not commenced.	Total.						
Provision from Imperial Funds.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
In India ...	5,67,207	5,50,000	5,73,500	74,277	1,34,273	2,08,550	3,00,000	1,08,755	6,995	...	...	6,24,300
In England.	1,638	...	...	...	...	...	...	...	...	..	..	...
Total ..	5,68,845	5,50,000	5,73,500	74,277	1,34,273	2,08,550	3,00,000	1,08,755	6,995	..	..	6,24,300
Provision from Contributions.												
In India ...	...	..	...	...	...	...	...	...	...	...	.	...
Grand Total ..	5,68,845	5,50,000	5,73,500	74,277	1,34,273	2,08,550	3,00,000	1,08,755	6,995	..	..	6,24,300

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

	Actuals, 1886-87.	Budget-Estimate, 1887-88.	Revised Estimate, 1887-88.	Budget-Estimate, 1888-89.					
				Original Works.			Tools and Plant.	Suspense Account.	Total.
				In progress.	Not commenced.	Total.			
	Rs.								
	1,638	...	...	...	...	...	...	...	...
Total ...	1,638	...	...	...	...	...	...	...	...

PART I.

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS FOR THE YEAR 1888-89.

CLASS A WORKS.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1886-87.	Outlay. Probable during 1887-88.	Grant, 1888-89. Works in progress.	Grant, 1888-89. Works not commenced.	Grant, 1888-89. Total.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				IMPERIAL ORDINARY.								
				MILITARY.								
				Original Works.								
(1) *Accommodation for troops*—Buildings for European troops in the plains. Permanent.	Bellary ...	Bellary ...	1	Gun-shed for Royal Artillery ...	11,560	...	3,970	7,590	...		1	G.O., No. 1042 W., dated 6th April 1888.
	West Coast.	Malapuram ...	2	Barracks for a detachment of British Infantry to accommodate 50 additional men.	1,82,867	1,22,672	17,000	20,000	...		2	G.O., No. 2822 W., dated 21st October 1887. Item No. 1, class A works, budget of 1887-88.
Accommodation for Native troops.	Presidency.	Bangalore ...	3	Additions, &c., to public buildings, Madras Infantry Regiment, for a Pioneer Regiment.	21,636	15,188	6,636	5,000	...		3	G.O., No. 2952 W., dated 29th November 1884. Item No. 2, class A works, budget of 1887-88. Supplemental estimate is awaited.
		Total ...			...	...	...	32,590	...	32,590		

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS B

I—*cont.*

ORIGINAL WORKS FOR THE YEAR 1888-89.

WORKS.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1886-87.	Outlay. Probable during 1887-88.	Grant, 1888-89. Works in progress.	Grant, 1888-89. Works not commenced.	Grant, 1888-89. Total.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				IMPERIAL ORDINARY.								
				MILITARY.								
				Original Works.								
(1) *Accommodation for troops*—Buildings for European troops in the plains. Permanent.	Nilgiri ...	Wellington ...	1	Quarters for three Apothecaries ...	...	...	...	...	6,500		1	Estimate under revision. Item No. 2, class B works, budget of 1887-88.
	Chingleput.	Poonamallee...	2	New barracks	1,66,885	...	...	...	20,000		2	G.O., No. 465 W., dated 19th February 1879.
	Presidency.	Bangalore ...	3	New saddle room, British Cavalry...	4,158	...	...	...	4,158		3	G.O., No. 423 W., dated 6th February 1888.
Accommodation for Native troops.	Do. ...	Madras ...	4	Constructing 4 latrines—2 for males and 2 for females—Perambur lines.	...	...	...	...	3,000		4	Estimate is awaited. Item No. 39, class C works, budget of 1887-88.
(2) *Ordnance Works* ...	Bellary ...	Bellary ...	5	New workshops for the Arsenal .	...	...	6,858	22,650	...		5	Estimate is awaited.
	Presidency.	Madras ...	6	Purchase of land for coal store and Artificers' quarters at Vepery.	...	...	...	...	41,625		6	Do.
	Do. ...	Do. ...	7	Turners' shop, Gun Carriage Factory.	...	...	...	...	10,000		7	Do.
	Do. ...	Do. ...	8	Extra accommodation as store-room in the Gun Carriage Factory.	6,245	...	...	...	4,105		8	G.O., No. 2946 W., dated 5th November 1887.
	...	...	9	Minor works under Ordnance ...	...	...	...	...	9,570		9	
(3) *Commissariat buildings.*	West Coast.	Calicut ...	10	Sheds for transport animals ...	...	...	...	...	3,310		10	Estimate is awaited. Item No. 46, class C works, budget of 1887-88.
(8) *Fortifications.*	Do. ...	Cannanore ...	11	Converting the Cannanore Fort into a defensible post.	7,790	4,347	...	3,064	...		11	G.O., No. 3274 W., dated 1st December 1887.
	North Arcot.	Vellore ...	12	Constructing a draw-bridge and gate for the fort.	6,450	...	...	...	6,450		12	G.O., No. 528 W., dated 7th March 1885. Item No. 11, class B works, budget of 1887-88.
	Presidency.	Bangalore ...	13	Constructing a fire-engine shed and guard-room in the Agram entrenchment.	5,555	...	...	...	5,555		13	G.O., No. 536 W., dated 16th February 1888.
			14	Reserve with the Government for incomplete major works.	...	...	...	15,973	...		14	
			15	Minor works	...	...	...	...	20,000		15	
				Total ...	...	...	...	41,687	1,34,273	1,75,960		

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1888-89, 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.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1886-87.	Outlay. Probable during 1887-88.	Amount applied for 1888-89. Works in progress.	Amount applied for 1888-89. Works not commenced.	Amount applied for 1888-89. Total.	Item No.	Remarks and References.
				IMPERIAL ORDINARY.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				MILITARY.								
				Original Works.								
(1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Bellary ...	Bellary ...	1	Infectious disease ward, cook-house and station hospital.	6,140	...	...	...	6,140		1	G.O., No. 320 W., dated 7th February 1884. Item No. 4, class C works, budget of 1887-88.
	Do. ...	Do. ...	2	Alterations and additions to Military prison and adjoining buildings.	...	...	...	...	11,260		2	Estimate is awaited. Item No. 5, class C works, budget of 1887-88.
	Do. ...	Do. ...	3	Swimming-bath, British Infantry.	7,644	...	...	...	7,644		3	G.O., No. 2434 W., dated 19th October 1885. Item No. 3, class C works, budget of 1887-88.
	Do. ...	Do. ...	4	Armourer's shop, 2nd Light Cavalry.	2,695	...	...	...	2,695		4	G.O., No. 2266 W., dated 14th September 1881. Item No. 1, class C works, budget of 1887-88.
	Do. ...	Do. ...	5	Quarters for the Bandmaster, British Infantry.	...	...	...	...	3,529		5	Estimate is awaited.
	Do. ...	Do. ...	6	Quarters for Schoolmaster, British Infantry Regiment.	...	...	...	...	2,950		6	Do. do.
	Do. ...	Do. ...	7	Quarters for Schoolmistress, British Infantry Regiment.	...	...	...	...	2,950		7	Do. do.
	Nilgiri ...	Wellington ...	8	Gymnasium, 2nd Royal Fusiliers.	...	...	...	...	10,000		8	Estimate is awaited. Item No. 7, class C works, budget of 1887-88.
	West Coast.	Calicut ...	9	A new barrack with subsidiary buildings for 30 men.	...	...	...	...	20,000		9	Estimate is awaited. Item No. 10, class C works, budget of 1887-88.
	Chingleput	Poonamallee...	10	Improving the old barracks ...	...	...	...	...	5,000		10	Estimate is awaited. Item No. 31, class C works, budget of 1887-88.
	Do. ...	Do. ...	11	Warrant Officers' quarters ...	...	...	...	...	3,500		11	Estimate is awaited. Item No. 32, class C works, budget of 1887-88.
	Do. ...	Do. ...	12	Two Staff Sergeants' quarters, first class.	...	...	...	...	6,000		12	Estimate is awaited. Item No. 33, class C works, budget of 1887-88.
	Do. ...	Do. ...	13	Coffee shop	...	...	...	...	9,000		13	Estimate is awaited. Item No. 34, class C works, budget of 1887-88.
	Do. ...	Pallávaram ...	14	One mortuary room for each of the three hospitals, Nos. 1 to 3.	...	...	...	...	3,000		14	Estimate is awaited. Item No. 30, class C works, budget of 1887-88.
	Do. ...	St. Thomas' Mount.	15	A wheeler and collar maker's shop for the West barracks.	5,660	...	...	...	5,660		15	G.O., No. 2717 W., dated 3rd November 1884. Item No. 21, class C works, budget of 1887-88.
	Do. ...	Do. ...	16	Sergeants' mess for East barracks.	5,450	...	...	...	6,000		16	G.O., No. 1118 W., dated 14th April 1888. Item No. 22, class C works, budget of 1887-88.
	Do. ...	Do. ...	17	Quarters for 3 Medical Subordinates attached to the Station Hospital.	...	...	...	...	8,000		17	Estimate is awaited. Item No. 24, class C works, budget of 1887-88.
	Do. ...	Do. ...	18	Quarters for head-quarters staff, Royal Artillery.	...	...	...	...	12,000		18	Estimate is awaited. Item No. 25, class C works, budget of 1887-88.
	Do. ...	Do. ...	19	General improvements to the drains of the cantonment.	...	...	...	...	10,000		19	Estimate is awaited. Item No. 23, class C works, budget of 1887-88.

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1888-89, BUT ON CLASS B

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
				Brought forward ...	Rs.
				IMPERIAL ORDINARY—*cont.*	
				Military—*cont.*	
				Original Works—cont.	
(1) *Accommodation for troops*—Buildings for European troops in the plains. Permanent.	Chingleput.	St. Thomas' Mount.	20	Battery office for P/1st Royal Artillery, East barracks.	...
	Do. ...	Do. ...	21	Raising the roof of harness room, troop lines.	4,200
	Do. ...	Do. ...	22	Converting the disused gun-shed between the north barracks and main guard into a coffee shop, recreation room and library.	2,520
	Presidency.	Fort St. George.	23	Remodelling the drainage ...	...
	Do. ...	Do. ...	24	Sundry works in connection with extra accommodation, British Infantry and Royal Artillery.	...
	Do. ...	Do. ...	25	Repairs to floors of B, C and D blocks family quarters.	...
	Do. ...	Do. ...	26	Construction of coach houses and stables for the use of officers.	...
	Do. ...	Do. ...	27	Constructing two solitary cells in the Military prison.	...
	Do. ...	Bangalore ...	28	Quarters for Schoolmaster and Schoolmistress, Royal Artillery.	10,240
	Do. ...	Do. ...	29	New orderly room, or conversion of Quartermaster's stores into orderly room and stores, 12th Lancers.	...
	Do. ...	Do. ...	30	Battery office for Royal Horse Artillery.	...
	Do. ...	Do. ...	31	Buildings for wheeler's shop, Royal Artillery.	...
	Do. ...	Do. ...	32	Drainage of Royal Horse Artillery grass-cutters' lines at Ulsoor and preventing the fouling of the adjacent nullah.	...
	Do. ...	Do. ...	33	Drainage, British Infantry barracks	...
	Do. ...	Do. ...	34	Quarters for Senior Apothecary North Station hospital.	5,300

B—*cont.*

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

Outlay.		Amount applied for 1888-89.			Item No.	Remarks and References.
Actual to end of 1886-87.	Probable during 1887-88.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	5,000		20	Estimate is awaited. Item No. 26, class C works, budget of 1887-88.
...	...	...	4,200		21	G.O., No. 3137 W., dated 17th December 1881. Item No. 27, class C works, budget of 1887-88.
...	...	...	2,520		22	G.O., No. 1234 W., dated 28th May 1885. Item No. 29, class C works, budget of 1887-88.
...	...	...	10,000		23	Estimate is awaited. Item No. 14, class C works, budget of 1887-88.
...	...	...	20,000		24	Estimate is awaited.
...	...	...	10,070		25	Do. do.
...	...	...	15,770		26	Estimate is awaited. Item No. 15, class C works, budget of 1887-88.
...	...	...	2,800		27	Estimate is awaited.
...	...	...	10,240		28	G.O., No. 2384 W., dated 20th September 1886. Item No. 17, class C works, budget of 1887-88.
...	...	...	6,500		29	Estimate is awaited. Item No. 18, class C works, budget of 1887-88.
...	...	...	3,700		30	Estimate is awaited.
...	...	...	3,100		31	Do. do.
...	...	...	2,846		32	Do. do.
...	...	...	8,000		33	Do. do.
...	...	...	5,300		34	G.O., No. 3385 W., dated 27th November 1883. Item No. 19, class C works, budget of 1887-88.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1888-89, BUT ON CLASS B WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM WORKS—*cont.*

B—*cont.*

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1886-87.	Outlay. Probable during 1887-88.	Amount applied for 1888-89. Works in progress.	Amount applied for 1888-89. Works not commenced.	Amount applied for 1888-89. Total.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				Brought forward ...	...							
				IMPERIAL ORDINARY—*cont.*								
				MILITARY—*cont.*								
				Original Works—cont.								
(1) *Accommodation for troops*—Buildings for European troops in the plains. Permanent	Presidency.	Bangalore ...	35	Quarters for the Assistant Apothecary, North Station hospital.	4,773	...	...	...	4,773		35	G.O., No. 938 W., dated 5th April 1884, Item No. 20, class C works, budget of 1887-88.
Accommodation for Native troops.	Vizagapatam.	Vizianagram.	36	Regimental store-room for Native Infantry, including storage for camp equipage.	3,480	...	...	...	3,480		36	G.O., No. 2628 W., dated 27th October 1884. Item No. 35, class C works, budget of 1887-88.
	Bellary ...	Bellary ...	37	School-house for Native Infantry Regiment.	3,030	...	...	...	3,030		37	G.O., No. 149 W., dated 17th January 1884. Item No. 36, class C works, budget of 1887-88.
	West Coast.	Mangalore ...	38	Providing drains for the lines of Native Infantry.	...	...	...	...	11,710		38	Estimate is awaited. Item No. 38, class C works, budget of 1887-88.
	Chingleput.	Pallávaram ...	39	Magazine for Madras Infantry Regiment on standard plan.	4,900	...	...	...	4,500		39	G.O., No. 334 W., dated 8th February 1886. Item No. 41, class C works, budget of 1887-88.
	Do. ...	Do. ...	40	Armourer's shop for Madras Infantry Regiment.	2,880	...	...	...	2,880		40	G.O., No. 3149 W., dated 22nd December 1884. Item No. 42, class C works, budget of 1887-88.
	Presidency.	Bangalore ...	41	Public buildings for a regiment of Native Infantry.	30,990	...	...	...	15,000		41	G.O., No. 1302 W., dated 25th May 1886. Item No. 6, class B works, budget of 1887-88.
	Do. ...	Madras ...	42	Flushing drains of Native Infantry lines at Ráyapuram.	4,300	...	...	...	4,300		42	G.O., No. 1397 W., dated 4th June 1884. Item No. 40, class C works, budget of 1887-88.
	Trichinopoly.	Trichinopoly.	43	Store-rooms and workshop, &c., for four Pioneers.	...	...	...	...	4,900		43	Estimate is awaited. Item No. 43, class C works, budget of 1887-88.
(2) *Ordnance Works* ...	Bellary ...	Bellary ...	44	Constructing six double quarters for the Staff Sergeants attached to the Ordnance Department.	42,420	...	...	...	10,000		44	G.O., No. 1650 W., dated 18th June 1887. Item No. 8, class B works, budget of 1887-88.
	Presidency.	Fort St. George.	45	Magazines	...	...	...	...	33,000		45	Estimate is awaited. Item No. 9, class B works, budget of 1887-88.
	Do. ...	Madras ...	46	Providing sun-shades to doors and windows in the Ordnance Lines.	4,160	...	...	...	4,160		46	G.O., No. 2248 W., dated 22nd August 1887.
	Do. ...	Do. ...	47	Shed for the camp equipage ..	6,935	...	...	...	6,935		47	G.O., No. 2558 W., dated 27th September 1887. Item No. 51, class C works, budget of 1887-88.
	Chingleput.	St. Thomas' Mount.	48	Wooden-shed at the proof range.	2,820	...	...	...	2,820		48	G.O., No. 3077 W., dated 13th December 1884.
(3) *Commissariat Buildings.*	Nilgiri ...	Wellington ...	49	Quarters for three Hospital Purveyors.	4,750	...	...	...	4,500		49	G.O., No. 615 W., dated 21st February 1888.

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1888-89, BUT ON CLASS B

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
				Brought forward ...	Rs.
				IMPERIAL ORDINARY—*concld.*	
				Military—*concld.*	
				Original Works—concld.	
(3) *Commissariat Buildings.*	West Coast.	Malapuram ...	50	Cattle shed for the Commissariat Department.	...
	Do. ...	Quilon ...	51	Armourer's shop	...
	Chingleput.	Guindy ...	52	Quarters for Station Butcher attached to slaughter-house.	...
	Presidency.	Bangalore ...	53	Quarters for a Conductor, Transport Department.	5,800
	Do. ...	Do. ...	54	Quarters for an Ambulance Sergeant near Cattle lines, Transport Department.	...
	Do. ...	Madras ...	55	Workshops and sheds for carts, doolies, &c., Transport Department.	...
	Do. ...	Do. ...	56	Quarters for a Conductor, Commissariat Department.	...
	Do. ...	Teynampet ...	57	Constructing a wheat godown ...	...
(8) *Fortifications* ...	West Coast.	Malapuram ...	58	Constructing a fortified post ...	8,248
	Presidency.	Fort St. George	59	Demolition of Wallajah ravelin and two lunettes.	...
	Do. ...	Do. ...	60	Constructing a draw-bridge at north gate.	...
	Do. ...	Do. ...	61	Demolition of out-houses, clearance of ditch and completion of walls.	...
(4) *Staff and Miscellaneous.*	Nilgiri ...	Ootacamund.	62	Water-supply, Lawrence Asylum...	...

B—*concld.*

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

Outlay.		Amount applied for 1888-89.			Item No.	Remarks and References.
Actual to end of 1886-87.	Probable during 1887-88.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	4,000		50	Estimate is awaited.
...	...	...	2,600		51	Estimate is awaited.
...	...	...	4,740		52	Estimate is awaited. Item No. 53, class C works, budget of 1887-88.
...	...	...	5,800		53	G.O., No. 992 W., dated 16th April 1886. Item No. 47, class C works, budget of 1887-88.
...	...	...	3,000		54	Estimate is awaited. Item No. 48, class C works, budget of 1887-88.
...	...	...	40,680		55	Estimate is awaited. Item No. 49, class C works, budget of 1887-88.
...	...	...	4,000		56	Estimate is awaited.
...	...	...	5,950		57	Estimate is awaited. Item No. 52, class C works, budget of 1887-88.
...	...	...	5,000		58	G.O., No. 3114 W., dated 18th November 1887. Item No. 55, class C works, budget of 1887-88.
...	...	...	7,426		59	Estimate is awaited. Item No. 57, class C works, budget of 1887-88.
...	...	...	2,680		60	Estimate is awaited. Item No. 58, class C works, budget of 1887-88.
...	...	...	10,000		61	Estimate is awaited.
...	...	...	7,000		62	Estimate is awaited. Item No. 54, class C works, budget of 1887-88.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following letter from Colonel H. McLEOD, R.A., Inspector-General of Ordnance, to the Secretary to Government, Military Department, dated Fort St. George, 17th March 1888, No. 160 G. :—

Adverting to paragraph 4 of order of Government, Madras, Public Works No. 189 W., dated 17th January 1888, communicated under Military Department No. 881, dated 9th February 1888, I have the honor to request that, of the amount allotted to the Madras Ordnance Circle for minor works during the year 1888-89, viz., Rs. 9,570, sufficient funds may be provided to carry out the marginally noted works in the Gun Carriage Factory, Madras, and that orders may be given in the Public Works Department to proceed with the work immediately after the 1st of April next in the order noted.

1. Reconstructing Police guard-room at the Gun Carriage Factory, Rs. 2,460, sanctioned in G.O., No. 2705 W., Public Works, dated 13th October 1887, Military Department No. 6604, dated 28th idem.
2. Improving two gun-sheds at Gun Carriage Factory, Rs. 2,420, sanctioned in G.O., No. 3419 W., Public Works, dated 15th December 1887, Military Department No. 86, dated 6th January 1888.
3. Repairing Sergeant Instructor's quarters at the Gun Carriage Factory, Rs. 1,200.

No. 1955, Military.

Transferred to the Public Works Department with the request that the necessary funds may be allotted to the works mentioned.

(By Order.)

Fort St. George,
19th March 1888.

(Signed) A. KENNEY-HERBERT, Brigdr.-Genl.,
Secretary to Government.

Order—dated 26th March 1888, No. 972 W., Public Works.

Communicated to the Superintending Engineer, V Circle, who will arrange to proceed with the works, referred to by the Inspector-General of Ordnance, immediately after 1st April next.

2. Items 1 and 2 should be brought forward in the Superintending Engineer's statement of demands for minor works, and item 3 should be met from funds that will be placed at his disposal for repair works in the Presidency division.

(True Extract.)

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

To the Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.
" Military Department.

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated March, 26th.

Recd. *Encl.*

G.O., 26th March 1888, No. 972 W.

MARCH.

Gun Carriage Factory, Madras

Orders regarding the provision of funds for, and the commencement of certain works in, the —.