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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W DEPARTMENT

G.O. No. / B.P. No.	1161-W	Press. / Mis.
Dated	28.4.1887	19

Not to be folded or roughly handled

1161-W
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers :—

Extract from the Proceedings of the Government of India, Military Department, dated Fort William, 18th March 1887, No. 607 M-W. (Accounts—Budget Estimate) :—

MADRAS.

Orders on Military Works Budget Estimate for 1887-88, *and Revised Estimate for* 1886-87.

Read—

Military Department Resolution, No. 1672 M-W., dated the 1st November 1886.
Letter, No. 3327-W., dated the 17th December 1886, from Government of Madras.

RESOLUTION.—The estimates of Revenue are accepted for the sums entered in the subjoined table :—

REVENUE.

—	Budget estimate, 1887-88.	Revised estimate, 1886-87.	Budget estimate, 1886-87.	Actuals, 1885-86.
Public Works Department	Rs. 25,000	Rs. 16,000	Rs. 30,000	Rs. 25,881
Total ...	25,000	16,000	30,000	25,881

EXPENDITURE.

Budget Estimate, 1887-88.

2. The estimate has been prepared for the grant of Rs. 5,50,000 sanctioned in Military Department Resolution, No. 1672 M-W., dated 1st November 1886 ; with reference to paragraph 2 of the letter from the Government of Madras quoted in the preamble, the Government of India regret being unable to provide a larger allotment.

3. The details of part I of the estimate are passed, subject to the following remarks :—

i. *Class A works—Item* 1, *barracks for* 50 *additional men and canteen at Malapuram.*—It has been found desirable to allot only Rs. 11,000 for this work, until it is known what the supplemental estimate includes, what it amounts to, and what prospect there is of the work being vigorously prosecuted. The balance of the grant may be held in reserve by the Madras Government for the present.

ii. *Class B works.*—It is noticed that estimates for items Nos. 2, 6, 7, 8 and 9 have not been prepared and sanctioned. The provision made for items 2 and 6 of the budget seems too high, but the allotments are admitted on the condition that no excess is permitted to take place.

iii. The remaining three items are Ordnance works, but were not brought forward by the Director-General of Ordnance in his schedule of requirements for 1887-88, and the Government of India has no means of judging whether the works proposed will be completed for the sums entered in the budget estimate. The allotments aggregating Rs. 36,000 are passed provisionally subject to redistribution in communication with the Inspector-General of Ordnance, who should obtain the concurrence of the Director-General of Ordnance to any proposals he may recommend to the Madras Government. The final distribution of the allotment of Rs. 36,000 to works or special repairs, or to both, should be communicated to the Government of India.

Revised Estimate for 1886-87.

4. The revised estimate has been passed for the amount of the existing grant, Rs. 6,23,400.

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

	Budget estimate, 1887-88.	Revised estimate, 1886-87.	Budget estimate, 1886-87.	Actuals, 1885-86.
	RS.	RS.	RS.	RS.
Original works. { In progress	50,900	1,93,900	2,08,035	1,85,232
{ Not commenced	91,700			
Repairs	3,00,000	3,10,500	3,10,465	1,73,187
Total, Works and Repairs ...	4,42,600	5,04,400	5,18,500	3,58,419
Establishment	1,03,000	1,17,500	1,20,700	83,263
Tools and plant	4,400	5,000	5,200	3,563
	5,50,000	6,26,900	6,44,400	4,45,245
Deduct—Excess amount included for expenditure in England in revised estimate	...	1,500	...	...
Deduct—Expenditure in England	5,50,000	6,25,400	6,44,400	4,45,245
	...	*2,000	...	236
Net Indian outlay ...	5,50,000	6,23,400	6,44,400	4,45,009

* Reduced to Rs. 2,000 to accord with latest advices received from the Secretary of State.

6. The authority herewith given to incur expenditure within the limits shown in the foregoing table, is subject to the condition of a strict adherence to the rules in force regarding the financial regularity of departmental work.

ORDER.—Ordered, that this resolution be communicated to the Government of Madras, for information and guidance, with the request that 45 printed copies of the budget estimate, as now passed, may be submitted so as to reach the Government of India not later than the 1st May 1887.

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

(True Extract.)

E. COLLEN,
Offg. Secy. to the Govt. of India.

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

Telegram from the Government of India, Military Department, dated 7th April 1887.
" " Suptg. Engineer, III Circle, dated 7th April 1887.
Letter from the " " III " " 6th " " No. 29.
" " " " IV " " 2nd " " " 163 E.W.
" " " " V " " " " " " 25.

ORDER—dated 28th April 1887, No. 1160 W., Public Works.

Ordered that the final issue of the Imperial Military Works budget for 1887-88 prepared for Rs. 5,50,000, being the amount adopted by the Government of India in their resolution read at the head of these proceedings, be printed and 45 * copies forwarded to the Government of India.

* To Simla	20
" Calcutta	25
	45

2. Provision to the extent fixed by the Government of India has been made for barracks for 50 additional men at Malapuram. A supplemental estimate, amounting to Rs. 38,940, was forwarded for the sanction of that Government with endorsement No. 1004 W., dated 4th April 1887, and it has been ascertained that if the estimate be sanctioned at an early date there will be no difficulty in spending the whole of the proposed grant, Rs. 20,000, before the close of the official year. The Government of India will therefore be requested to re-allot the sum of Rs. 9,000 withheld from the proposed grant for the work.

3. The attention of the Superintending Engineer, IV Circle, will be drawn to the remarks of the Government of India on item No. 2, class B works, and with reference to the remark against item No. 7, "store rooms and workshop for the Pioneer regiment at ~~Bellary~~," the Superintending Engineer, ~~III~~ Circle, will report if the estimate of Rs. 4,740 already sanctioned for the work—*vide* G.O., No. 534 W., dated 24th February 1887, can be reduced to the amount of the budget grant.

4. The works detailed in the margin, † for which the Government of India have sanctioned allotments provisionally only, were considered ‡ urgent by His Excellency the Commander-in-Chief. The Quartermaster-General will be requested to communicate with the Inspector-General of Ordnance and report, with reference to the remark iii, paragraph 3 of the Government of India resolution above quoted, in order that the allotments for the works named may be re-distributed, if necessary, as directed by the Government of India.

† (1) Twelve Staff Sergeants' quarters, Bellary.
(2) Adapting the existing magazine at Fort St. George for the storage of powder for the Fort armament.
(3) Coal store, Ordnance Department, Madras.

‡ G.O., No. 2497 W., dated 25th Sept. 1886.
" " 3326 W., " 17th Dec. "

5. The modifications of grants necessary to meet the increased rate of contribution to Provincial on account of tools and plant sanctioned by the Government of India—*vide* G.O., No. 881 W., dated 23rd March 1887, will be made in separate proceedings.

6. Superintending Engineers concerned will submit without loss of time plans and estimates for the unsanctioned works for which funds have been provided in the budget.

7. The amounts held at the disposal of the Government for Repairs and Minor Original Works will as usual be distributed on receipt of detailed proposals from Superintending Engineers in accordance with paragraph 1322 of the Public Works Code; and the balance of the Minor Original Works grant, after providing for incomplete works of last year and for such of the Minor New Works as may be considered urgent, will be placed at the disposal of the Officers Commanding Divisions and Districts.

8. The revised estimate of charges for 1886-87, as shown in the preliminary issue, has been altered to Rs. 6,23,400 to agree with the total amount shown in the

table embodied in paragraph 5 of the resolution of the Government of India above recorded.

(Here enter No. 1161 W., dated 28th April 1887.)

(True Extract.)

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

To Superintending Engineers.
„ the Examiner, Public Works Accounts.
„ the Military Department.
„ the Financial „

ENDORSEMENT—dated 28th April 1887, No. 1161 W., Public Works.

Forwarded.

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

Exd. P. L. Pareira.
Spare Copies

1161
3

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of [1887] Madras.

PUBLIC WORKS.

Dated April, 28*th*.

Read. *Encl.*

G.O., 28th April 1887, No. 1161 W.

APRIL.

Budget Estimate

Imperial Military Works for 1887-88.—Copy of orders circulating the final issue of the —, forwarded to the Government of India.

1161/4

Appendix to G.O., No. 2497 W., dated 25th September 1886.

BUILDINGS AND ROADS.

SCHEDULE of the probable requirements of the Madras Presidency on account of Military Works for 1887-88.

Head of classification.	Executive division.	Locality.	Item No.	Projects and works.	Class.	Major Original Works.			Minor works.	Total.	Repairs.	Establishment.	Tools and plant.	Suspense.	Grand Total.	Remarks.
						Works in progress.	New works.	Total.								
						Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Accommodation for Troops—Buildings for European Troops in the Plains—Permanent.	West Coast.	Malapuram.	1	New barracks for a detachment of British infantry to accommodate 100 men.	A	20,000	..	..	..	..	..	..	..	..	..	Estimate of Rs. 1,35,697 was sanctioned in G.O., No. 2395 W., dated 13th September 1886. Item No. 1, class A works, budget of 1886-87. Revised estimate is necessary.
	Presidency.	Bangalore.	2	Parade barracks, alterations and additions to wash-houses.	B	..	12,500	12,500	..	..	..	..	..	..	..	Estimate of Rs. 12,500 was sanctioned in G.O., No. 1192 W., dated 7th May 1886. Item No. 23, class C works, budget of 1886-87.
	Nilgiri ..	Wellington.	3	Quarters for three apothecaries.	B	..	..	..	..	..	..	..	..	..	..	Estimate is awaited.
	Bellary ..	Bellary ..	4	Collarmaker and wheeler's shop, Royal Artillery.	B	..	5,663	5,663	..	..	..	..	..	..	..	Estimate of Rs. 5,663 was sanctioned in G.O., No. 914 W., dated 3rd April 1884. Item No. 3, class C works, budget of 1886-87.
	Presidency.	Fort St. George.	5	Converting a racquet court into a covered gymnasium.	B	9,850	..	..	..	..	..	..	..	..	..	Estimate of Rs. 11,850 was sanctioned in G.O., No. 1552 W., dated 20th June 1884. Item No. 17, class C works, budget of 1886-87.
	Do. .. Chingleput.	Do. .. St. Thomas' Mount.	6	Remodelling drainage ..	B	..	10,000	10,000	..	..	..	..	..	..	..	Estimate of Rs. 5,660 was sanctioned in G.O., No. 2717 W., dated 3rd November 1884. Item No. 24, class C works, budget of 1886-87.
			7	A wheeler and collarmaker's shop, West barracks.	B	..	5,660	5,660	..	..	..	..	..	..	..	
	West Coast.	Calicut ..	8	Providing barrack accommodation for 100 men.	B	..	..	..	..	..	..	..	..	..	..	Estimate is awaited. Amount not entered by the Quartermaster-General.
	Presidency.	Bangalore.	9	Quarters for schoolmaster and schoolmistress.	C	..	10,240	10,240	..	..	..	..	..	..	..	Estimate of Rs. 10,240, was sanctioned in G.O., No. 2354 W., dated 20th September 1886. Item No. 19, class C works, budget of 1886-87.

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of [1887] Madras.

PUBLIC WORKS.

Dated April, 28th.

Read.

Encl.

G.O., 28th April 1887, No. 1161 W.

APRIL.

Budget Estimate

Imperial Military Works for 1887-88.—Copy of orders circulating the final issue of the —, forwarded to the Government of India.

Appendix to G.O., No. 2497 W., dated 25th September 1886.

BUILDINGS AND ROADS.

SCHEDULE of the probable requirements of the Madras Presidency on account of Military Works for 1887-88.

Head of classification.	Executive division.	Locality.	Item No.	Projects and works.	Class.	Original Works.					Repairs.	Establishment.	Tools and plant.	Suspense.	Grand Total.	Remarks.
						Major works.			Minor works.	Total.						
						Works in progress.	New works.	Total.								
						Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Accommodation for Troops—Buildings for European Troops in the Plains—Permanent.	West Coast.	Malapuram.	1	New barracks for a detachment of British infantry to accommodate 100 men.	A	20,000	..	..	..	..	..	..	..	..	..	Estimate of Rs. 1,35,697 was sanctioned in G.O., No. 2305 W., dated 13th September 1886. Item No. 1, class A works, budget of 1886-87. Revised estimate is necessary.
	Presidency.	Bangalore.	2	Parade barracks, alterations and additions to wash-houses.	B	..	12,500	..	..	..	..	..	..	..	..	Estimate of Rs. 12,500 was sanctioned in G.O., No. 1102 W., dated 7th May 1880. Item No. 23, class C works, budget of 1886-87.
	Nilgiri ..	Wellington.	3	Quarters for three apothecaries.	B	..	16,000	..	..	..	..	..	..	..	..	Estimate is awaited.
	Bellary ..	Bellary ..	4	Collarmaker and wheeler's shop, Royal Artillery.	B	..	5,663	..	..	..	..	..	..	..	..	Estimate of Rs. 5,663 was sanctioned in G.O., No. 914 W., dated 3rd April 1884. Item No. 3, class C works, budget of 1886-87.
	Presidency.	Fort St. George.	5	Converting a racquet court into a covered gymnasium.	B	9,550	..	..	..	..	..	..	..	..	..	Estimate of Rs. 11,890 was sanctioned in G.O., No. 1552 W., dated 20th June 1884. Item No. 17, class C works, budget of 1886-87.
	Do. ..	Do. ..	6	Remodelling drainage ..	B	..	10,000	..	..	..	..	..	..	..	..	Estimate is awaited.
	Chingleput.	St. Thomas' Mount.	7	A wheeler and collarmaker's shop, West barracks.	B	..	5,660	..	..	..	..	..	..	..	..	Estimate of Rs. 5,660 was sanctioned in G.O., No. 2717 W., dated 3rd November 1884. Item No. 24, class C works, budget of 1886-87.
	West Coast.	Calicut ..	8	Providing barrack accommodation for 100 men.	B	..	..	..	..	..	..	..	..	..	..	Estimate is awaited. Amount not entered by the Quartermaster-General.
	Presidency.	Bangalore.	9	Quarters for schoolmaster and schoolmistress.	C	..	10,240	..	..	..	..	..	..	..	..	Estimate of Rs. 10,240, was sanctioned in G.O., No. 2384 W., dated 20th September 1886. Item No. 19, class C. works, budget of 1886-87.

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European Troops in the Plains—Permanent—*cont.*

Head of classification	Executive division.	Locality.	Item No.	Project and works.	Class.	Original Works. Major works. Works in progress.	Original Works. Major works. New works.	Original Works. Major works. Total.	Original Works. Minor works.	Original Works. Total.	Repairs.	Establishment.	Tools and plant.	Suspense.	Grand Total.	Remarks.
						Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Accommodation for Troops—Buildings for	Presidency.	Bangalore.	10	New orderly-room for 12th Lancers, or conversion of Quartermaster's stores into orderly-room and stores.	C	..	6,500	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Do. ..	11	Quarters for senior apothecary, North station hospital.	C	..	5,300	..	..	..	..	..	..	..	..	Estimate of Rs. 5,300 was sanctioned in G.O., No. 3385 W., dated 27th November 1883. Item No. 20, class C works, budget of 1886-87.
	Do. ..	Do. ..	12	Quarters for the assistant apothecary, North station hospital.	C	..	4,773	..	..	..	..	..	..	..	..	Estimate of Rs. 4,773 was sanctioned in G.O., No. 938 W., dated 5th April 1884. Item No. 21, class C works, budget of 1886-87.
	Nilgiri ..	Wellington.	13	Quarters for barrack sergeant.	C	..	7,348	..	..	..	..	..	..	..	..	Estimate of Rs. 7,348 was sanctioned in G.O., No. 1941 W., dated 21st August 1885. Item No. 10, class C works, budget of 1886-87.
	Do. ..	Do. ..	14	Gymnasium	C	..	10,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 7, class C works, budget of 1886-87.
	Bellary ..	Bellary ..	15	A new gun-shed, Royal Artillery.	C	..	3,970	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Do. ..	16	Swimming-bath, British infantry.	C	..	7,644	..	..	..	..	..	..	..	..	Estimate of Rs. 7,644 was sanctioned in G.O., No. 2434 W., dated 19th October 1885. Item No. 4, class C works, budget of 1886-87.
	Do. ..	Do. ..	17	Infectious disease ward and cook-house, station hospital.	C	..	6,140	..	..	..	..	..	..	..	..	Estimate of Rs. 6,140 was sanctioned in G.O., No. 320 W., dated 7th February 1884. Item No. 5, class C works, budget of 1886-87.
	Do. ..	Do. ..	18	Alterations and additions to military prison and adjoining buildings.	C	..	11,260	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 2, class C works, budget of 1886-87.
	Do. ..	Do. ..	19	Armourer's shop for the arsenal.	C	..	4,650	..	..	..	..	..	..	..	..	Estimate is awaited.
	West Coast.	Cannanore.	20	Plunge-bath for European infantry barracks.	C	..	4,640	..	..	..	..	..	..	..	..	Estimate of Rs. 4,640 was sanctioned in G.O., No. 418, dated 19th February 1879. Item No. 11, class C works, budget of 1886-87.
	Do. ..	Do. ..	21	Improving latrines for European infantry barracks.	C	..	2,780	..	..	..	..	..	..	..	..	Estimate of Rs. 2,780 was sanctioned in G.O., No. 1056 W., dated 4th April 1879. Item No. 12, class C works, budget of 1886-87.
	Do. ..	Do. ..	22	Improving the roof of regimental guard-room, European infantry barracks.	C	..	5,060	..	..	..	..	..	..	..	..	Estimate is awaited.
	Chingleput.	St. Thomas' Mount.	23	Sergeants' mess for East barracks.	C	..	6,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	24	General improvements to the drains of the cantonment.	C	..	10,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	25	Quarters for three medical subordinates, station hospital.	C	..	8,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	26	Quarters for head-quarter's staff, Royal Artillery.	C	..	12,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	27	Battery office for P/1st, Royal Artillery.	C	..	5,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	28	Raising the roof of harness-rooms, troop lines.	C	..	4,200	..	..	..	..	..	..	..	..	Estimate of Rs. 4,200 was sanctioned in G.O., No. 3137 W., dated 17th December 1881. Item No. 25, class C works, budget of 1886-87.
	Do. ..	Do. ..	29	Wooden shed at the Proof range.	C	..	2,820	..	..	..	..	..	..	..	..	Estimate of Rs. 2,820 was sanctioned in G.O., No. 3077 W., dated 13th December 1884. Item No. 26, class C works, budget of 1886-87.
	Do. ..	Do. ..	30	Converting the disused gun-shed between the North barracks and the main guard into a coffee-shop, recreation-room, and library.	C	..	2,520	..	..	..	..	..	..	..	..	Estimate of Rs. 2,520 was sanctioned in G.O., No. 1234 W., dated 28th May 1885. Item No. 27, class C works, budget of 1886-87.
	Do. ..	Vallávaram.	31	One mortuary room for each of the three hospitals Nos. 1 to 3.	C	..	3,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 28, class C works, budget of 1886-87.
	Do. ..	Poonamallee.	32	Improvements to the old barracks with possibility of obviating construction of the new.	C	..	5,000	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Do. ..	33	Warrant officers' quarters.	C	..	3,500	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	34	Two staff sergeants' quarters, first class.	C	..	6,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	35	Coffee shop	C	..	9,000	..	..	..	..	..	..	..	..	Do.

Schedule of the probable requirements of the Madras Presidency on account of Military Works for 1887-88—*cont.*

Head of classification.	Executive division.	Locality.	Item No.	Projects and works.	Class.	Original Works.					Repairs.	Establishment.	Tools and plant.	Suspense.	Grand Total.	Remarks.
						Major works			Minor works.	Total.						
						Works in progress.	*New works.	Total.								
						Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Accommodation for Native Troops.	Presidency.	Bangalore.	36	Public buildings for one regiment of native infantry.	A	41,636	..	..	..	..	..	..	..	..	..	Estimate of Rs. 21,636 was sanctioned in G.O., No. 2952 W., dated 29th November 1884. Item No. 11, class B works, budget of 1886-87.
	Trichinopoly.	Trichinopoly.	37	Construction of stone drains.	A	5,140	..	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 13, class B works, budget of 1886-87.
	Presidency.	Bangalore.	38	Public buildings for a regiment of native cavalry.	B	..	15,000	..	..	..	..	..	..	..	..	Estimate of Rs. 30,990 was sanctioned in G.O., No 1302 W., dated 25th May 1886. Item No. 36, class C works, budget of 1886-87.
	Do. ..	Do. ..	39	Store-rooms and workshops for the Pioneer regiment.	B	..	3,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 35, class C works, budget of 1886-87.
	Trichinopoly.	Trichinopoly.	40	Workshops for a Pioneer regiment.	C	..	8,000	..	..	..	..	..	..	..	..	Estimate is awaited.
	Presidency.	Madras (Rayapuram)	41	Flushing drains for native infantry lines.	C	..	4,300	..	..	..	..	..	..	..	..	Estimate of Rs. 4,700 was sanctioned in G.O., No. 1397 W., dated 4th June 1884. Item No. 34, class C works, budget of 1886-87.
	Chingleput.	Pallávaram.	42	Magazine for a Madras infantry regiment.	C	..	4,500	..	..	..	..	..	..	..	..	Estimate of Rs. 4,900 was sanctioned in G.O., No. 324 W., dated 8th February 1886. Item No. 38, class C works, budget of 1886-87.
	Do. ..	Do. ..	43	Armourers' shop for a Madras infantry regiment.	C	..	2,880	..	..	..	..	..	..	..	..	Estimate of Rs. 2,880 was sanctioned in G.O., No. 3149 W., dated 22nd December 1884. Item No. 29, class C works, budget of 1886-87.
	Vizagapatam.	Vizianagram.	44	Regimental store-room for native infantry including storage for camp equipage.	C	..	3,480	..	..	..	..	..	..	..	..	Estimate of Rs. 3,480 was sanctioned in G.O., No. 2626 W., dated 27th October 1884. Item No. 32, class C works, budget of 1886-87.
Ordnance Works.	Presidency.	Fort St. George.	45	Construction of a new magazine in the Wallajah berm.	A	26,420	..	..	..	..	..	..	..	..	..	Estimate of Rs. 46,420 was submitted to Government of India for sanction (*vide* G.O., No. 1240 W., dated 17th May 1886). Item No 14, class B works, budget of 1886-87.
	Bellary ..	Bellary ..	46	Twelve staff sergeants' quarters, Ordnance Department.	B	..	15,000	..	..	..	..	..	..	..	..	Estimate is awaited.
	Presidency.	Madras ..	47	Coal store, Ordnance Department.	B	..	9,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	48	Compound-wall round the the gunpowder factory.	C	..	20,200	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 39, class C works, budget of 1886-87.
	Do. ..	Do. ..	49	Extra accommodation as store rooms in the gunpowder factory.	C	..	6,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 40, class C works, budget of 1886-87.
Commissariat Buildings.	Presidency.	Bangalore.	50	Quarters for a Conductor, Transport Department.	C	..	5,800	..	..	..	..	..	..	..	..	Estimate of Rs. 5,800 was sanctioned in G.O., No. 992 W., dated 16th April 1886. Item No. 51, class C works, budget of 1886-87.
	Do. ..	Do. ..	51	Quarters for ambulance sergeant near cattle lines, Transport Department.	C	..	3,000	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Madras ..	52	Lines for transport attendants.	C	..	48,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 49, class C works, budget of 1886-87.
	Do. ..	Do. ..	53	Workshops and sheds for carts, doolies, &c., Transport Department.	C	..	5,500	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 50, class C works, budget of 1886-87.
	Do. ..	Do. ..	54	Construction of a shed at the Camp Equipage Depôt.	C	..	5,300	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 48, class C works, budget of 1886-87.
	Do. ..	Teynampet.	55	Construction of a wheat godown.	C	..	5,950	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 46, class C works budget of 1886-87.
	Chingleput.	Guindy ..	56	Quarters for station butchers attached to slaughter house.	C	..	4,730	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 52, class C works, budget of 1886-87.
Fortifications.	Presidency.	Fort St. George.	57	Facing the enceinte of Fort St. George with Portland cement.	B	..	5,000	..	..	..	..	..	..	..	..	Estimate is awaited.
	North Arcot.	Vellore ..	58	Draw-bridge and gate for the fort.	B	..	6,450	..	..	..	..	..	..	..	..	Estimate of Rs. 6,450 was sanctioned in G. O., No. 528 W., dated 7th March 1885. Item No. 54, class C works, budget of 1886-87.
	Presidency.	Fort St. George.	59	Demolition of Wallajah ravelin and two lunettes.	C	..	7,420	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 53, class C works, budget of 1886-87.
Miscellaneous.	Nilgiri ..	Ootacamund.	60	Water-supply, Lawrence Asylum.	C	..	7,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 55, class C works, budget of 1886-87.
				Total ..	..	73,046	4,12,684	4,85,730	1,20,000	6,05,730	3,50,000	2,19,817	9,583	..	11,85,100	

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List of Military Works estimated to cost Rs 2,500 each or under, and for which funds are required in the Public Works budget for 1887-88.

Division or district.	Station.	Description of buildings, &c., and for what corps, departments needed.	Approximate estimate of cost.	Remarks by the Commander-in-Chief.
Eastern district.	Fort St. George.	Store-room, forge workshop—Arsenal.	Rs. 520	When funds are available.
	Do.	Railings to miscellaneous workshop, &c.—Arsenal.	790	
	Do.	A new bridge across trench in new park—Arsenal.	810	
	Do.	Improving store godowns—Arsenal.	700	Very necessary. Estimates already sanctioned by Government.
	Do.	Do. do.	847	
	Do.	Alterations to lower story barracks for armourer shop.	2,367	Very desirable.
	Do.	Mess-house verandah—Completion of.	1,900	
	Do.	L. room alterations for theatre.	1,000	When funds are available.
	Do.	Pipes to carry off main water from the barracks—Officers' quarters, &c.	990	Recommended.
	Do.	Improvements to military prison.	810	When funds are available.
	Do.	Putting up 13 ventilator windows in the mess-room of the officers' mess-house of the British Regiment.	600	
	Madras	Ordnance store-room—Beach ...	1,250	Necessary.
	Do.	Huts, infectious disease—Station hospital.	750	When funds are available.
	Do.	Dispensary—Veterinary department, Body Guard.	1,300	
	Do.	Regimental school—Perambúr lines, Madras Infantry.	1,375	
	Do.	Armourer shops—Perambúr lines, Madras Infantry.	2,000	
	Do.	Shed to hold fire-engine at the Government Bakery.	820	Approved.
	Do.	Constructing two servants' quarters to each of the Sub-Conductor's quarters of the Commissariat department in the Ordnance lines.	1,145	When funds are available.
	Do.	Constructing a water trough and laying in Red Hills water to it for the new Transport lines in the Pudupet plain.	820	
	Do.	Godown, wheat, &c.	1,785	
	Do.	Drainage—Bakery premises ...	950	
	St. Thomas' Mount.	Gram-boiling shed—Mule lines.	1,500	
	Do.	Commissariat—Wells, &c., public cattle depôt.	1,200	
	Do.	Royal Artillery—Lightning conductor, Magazine.	1,500	Most important.
	Do.	Closing up archway, gun-shed—P. Battery, 1st Brigade.	560	Very necessary.
	Do.	Improvements to Sergeants' quarters — Reserve Powder Magazine.	530	*Vide* G.O., No. 1233 W., dated 28th May 1885.
	Do.	Constructing a second verandah to the harness rooms attached to east barracks, R.A.	1,170	Very necessary. When funds are available.

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List of Military Works estimated to cost Rs. 2,500 each or under, &c.—*cont.*

Division or district.	Station.	Description of buildings, &c., and for what corps, departments needed.	Approximate estimate of cost.	Remarks by the Commander-in-Chief.
Eastern district—*cont.*	Pallávaram ...	Camp Equipage store—Madras Infantry.	*Rs. 1,500*	When funds are available.
	Do. ...	School—Madras Infantry ...	1,230	
	Do. ...	Tiled shed	*636*	
	Do. ...	Alteration—Barracks	*1,000*	
	Poonamallee ...	Wall, new—*Family quarters* ...	1,000	
	Do. ...	Constructing new walls between the latrines of the family quarters.	*730*	
	Do. ...	Providing lightning conductor to the Station hospital.	2,400	
	Vizianagrum ...	New magazine — Madras Infantry.	1,530	Very necessary.
	Do. ...	Improvements to hospital—Madras Infantry.	515	When funds are available.
	Do. ...	Improvements to ventilation—Madras Infantry.	545	
	Berhampore ...	Building for Commissariat stores and office.	1,200	
Bangalore division.	Bangalore ...	Royal Artillery—Latrine, Staff Sergeants' quarters, Royal Horse Artillery.	2,100	Very necessary on sanitary grounds.
	Do. ...	Quarters, Battery — Quartermaster Sergeant, Royal Horse Artillery.	1,100	Desirable.
	Do. ...	Cook-house—Sergeants' mess, field batteries.	1,470	Necessary.
	Do. ...	Latrine for men—Stables, field batteries.	620	
	Do. ...	Board floor recreation room—Royal Horse Artillery.	1,240	
	Do. ...	Stone floor to gun-shed, &c. ...	1,160	
	Do. ...	Stone drains—Staff Sergeants' quarters.	564	Necessary. Estimates already sanctioned by Government.
	Do. ...	Two Riding schools	1,156	
	Do. ...	Latrine—Six seats for men at stables	600	Very desirable.
	Do. ...	Camp Equipage stores—Connecting with water-supply.	1,170	When funds are available.
	Do. ...	Latrine for followers	1,600	Necessary.
	Do. ...	South Station Hospital—Quarters for men of Army Hospital Native Corps.	924	
	Do. ...	North Station Hospital—Quarters for men of Army Hospital Native Corps.	756	
	Do. ...	Improving place of arms and hospital.	700	
	Do. ...	Improving Staff Sergeants' quarters.	2,000	When funds are available.
	Do. ...	Improving Sergeant Butcher's quarters.	525	Very necessary.
	Do. ...	Improving road from race-course barracks to slaughter-house.	1,400	When funds are available.
	Do. ...	Additions to accommodation in Transport lines.	1,545	Urgently required.
	Do. ...	Converting Sergeants' quarters into Sub-Conductors' quarters.	1,000	Very necessary.
	Do. ...	Two grass-sheds for the two field batteries.	920	Unauthorised but desirable.

List of Military Works estimated to cost Rs. 2,500 each or under, &c.—*cont.*

Division or district.	Station.	Description of buildings, &c., and for what corps, departments needed.	Approximate estimate of cost.	Remarks by the Commander-in-Chief.
			RS.	
Bangalore division—*cont.*	Bangalore ...	Constructing a stone drain in forage yard and levelling ground.	1,440	Approved.
	Do. ...	Preparing a boarded floor in the room now used as a fencing room.	800	
	Do. ...	Lining with stone the drain east and west of barrack limits, parade barracks.	1,538	Desirable.
	Wellington ..	Renewing floors of latrines and school block.	1,680	Necessary.
	Do. ..	Enlarging purveyor's stores ...	2,000	Very necessary.
	Do. ...	Cooking stoves for Staff Sergeants' quarters.	536	
	Do. ...	Supplying cooking stove, Sergeants' mess.	800	Desirable.
	Do. ...	Laying on drinking water to hospital.	2,226	
Ceded districts.	Bellary ...	Alterations and additions to Armourers' shop, Light Cavalry Regiment.	700	Urgently wanted. The execution of this work will do away with necessity for new building.
	Do. ...	Renewal floor, No. II Magazine, Fort.	616	Very necessary.
	Do. ...	Reflooring Commissariat storerooms with asphalte.	670	
	Do. ...	Drain-pipes required to be fitted around the buildings to carry off rain water from the roofs.	1,500	Desirable.
	Do. ...	Skittle Alley	1,600	When funds are available.
	Do. ...	Guard-room for hospital guard, Station hospital.	1,200	Very desirable.
	Do. ...	Compound wall for the quarters of the Army Hospital Corps.	1,346	When funds are available.
	Do. ...	Compound wall with two gates to enclose female hospital attached to Station hospital.	1,300	
	Do. ...	Compound wall for medical subordinates' quarters, Station hospital.	535	
	Do. ...	Enlarging a well in the cantonment.	854	
	Do. ...	Converting No. 5 division workshop in the Arsenal into an office for the Gate Conductor.	1,750	
Western district.	Cannanore ...	Station hospital—Sinking well.	700	Strongly recommended.
	Do. ...	Replacing the present flooring of the European Infarntry cells with concrete in chunam and asphalte.	1,100	Approved.
	Do. ...	Replacing the laterite flooring of the recreation room with concrete in chunam and asphalte, European Infantry.	2,140	When funds are available.
	Do. ...	Constructing a compound wall, and provision of a jungle-wood ceiling to the roof of the regimental cells.	756	Desirable.
	Do. ...	Alterations and improvements to the Government Bakery.	2,117	

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List of Military Works estimated to cost Rs. 2,500 each or under, &c.—*cont.*

Division or district.	Station.	Description of buildings, &c., and for what corps, departments needed.	Approximate estimate of cost.	Remarks by the Commander-in-Chief.
			RS.	
Western district—*cont.*	Cannanore ...	Alterations and additions to the divisional offices of the Quartermaster-General's department.	1,577	Desirable.
	Malapuram ...	Converting beer godown into a gymnasium for detachment.	790	All very necessary.
	Do. ...	Converting wood godown into a bakery.	595	
	Do. ...	Providing a platform and pump to well.	1,110	
	Do. ...	Cattle pen in connection with slaughter-house.	612	Desirable.
	Calicut ...	Converting cook-room into a bakery.	840	Urgent.
	Do. ...	Stable and harness-room for 12 mules for the Commissariat department at West Hill Barracks.	1,900	Approved, but something on a cheaper scale should be provided.
	Quilon ...	Renewing floor of hospital ...	1,970	Desirable.
	Do. ...	An Armourers' shop, Madras Infantry.	1,700	When funds are available.
	Do. ...	Two solitary cells	1,500	Approved.
	Mangalore ..	Reflooring hospital, Madras Infantry.	695	When funds are available.
	Do. ...	Additions to Armourers' workshop.	790	
	Do. ...	Constructing permanent verandah for the Quartermaster's store, Native Infantry.	630	
	Do. ...	Putting a tar composite floor in place of arms in lieu of the existing wooden floor, Native Infantry.	653	
	...	Lump sum provision for works costing below Rs. 500 each.	9,909	
		Total ...	1,20,000	

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers:—

From Brigadier-General E. FAUNCE, Officiating Quartermaster-General, to the Secretary to Government, Public Works Department, dated Ootacamund, 10th September 1886, No. 3275 A.

In forwarding the schedules of requirements in military works for consideration in connection with the Public Works Department budget for the coming official year, I am desired to offer the following remarks.

MAJOR WORKS.

Most of these have appeared in the lists of previous years, so it is not necessary to enter into their claims for execution; but there are few which are brought forward this year for the first time, and regarding them it is desirable that something should be said.

I. New barracks at Maldpuram.—The grant for the current year will complete, or almost complete, the work hitherto contemplated, but it having been decided that the garrison of that outpost should not consist of less than 150 men, it will be requisite to provide for the erection of another barrack for the 50 men, whom the present barrack will not accommodate.

A canteen too should be provided for, the medical authorities having condemned the building now used for this purpose.

II. New barracks at Calicut.—The present barracks at that station are calculated to hold 100 men only, and accommodation is wanted for 100 additional men, who will be quartered there under arrangements contemplated for the future.

III. Quarters for staff sergeants, &c., Ordnance Department, Bellary.—The recent location of the arsenal at this station demands that provision should be made for these subordinates in the neighbourhood of their duties.

IV. Quarters for Medical Warrant Officers at Wellington.—Only one medical warrant officer is now provided with public quarters; these are situated in the barracks, too far from the hospital, and might advantageously be used for another purpose. Hired houses are not to be had near the hospital, and when the head-quarters of a British infantry regiment are brought to Wellington, the demand for houses for officers will be so great that none will be available for medical warrant officers.

MINOR WORKS.

But few of the works included in last year's schedule having been provided for in the current year, in consequence of the appropriation to works of other classes of almost two-thirds of the grant made for them,* only the few works noted in the list D, herewith forwarded, have to be removed from the very formidable list submitted last year,† while in the current year demands for a large number of other necessary works of this class have been submitted.

A list of these (E) is herewith forwarded, and the schedule of minor works, as it will then stand with these additions, will in itself show how absolutely necessary it is that for a series of years to come the Government should obtain from the Government of India exceptional grants for this class of works alone.

* *Vide* this office letter, No. 2688 A., of 3rd August 1886, to Government, Military Department.

† *Vide* proceedings of Madras Government, No. 2445 W., of 20th October 1885.

CLASS A.

WORKS commenced for completion of which grants are required.

Command.	Station.	Item No.	Work.	Cost.	Remarks.
Bangalore division.	Bangalore ...	1	Subsidiary buildings (including magazine) for one Madras infantry regiment.	RS. 11,636	Item 11, class B, final issue, budget, 1886-87.
	Trichinopoly.	2	Construction of stone drains.	5,140	Item 13 do. do.
Western district.	Malegaum ...	3	New barracks for detachment, British infantry, to accommodate 100 men.	20,000	Item 1, class A do. Provision will have to be made for accommodating 50 more men than barracks now under construction will hold when the garrison of the West Coast is redistributed.
Eastern district.	Fort St. George.	4	New magazine, Wallajah born.	26,420	Estimate now before Government. Item 14, class B, final issue, budget, 1886-87.

OOTACAMUND,
10th September 1886.

(Signed) E. FAUNCE, Brigadier-General,
Offg. Quartermaster-General.

CLASS D.

WORKS of special urgency not yet commenced, for which funds are absolutely required.

Command.	Station.	Item No.	Work.	Cost.	Remarks.
Bangalore division.	Bangalore ...	1	Subsidiary buildings, Madras cavalry regiment (less magazine).	RS. 15,000	Very urgent. Rs. 14,000 were first allotted, but subsequently surrendered (see G.O., No. 3092 W., of 30th December 1885, and No. 1084 W., of 29th April 1886). Item 36, class C, final issue, budget, 1886-87.
	Do.	2	Store-rooms and workshops for a Pioneer regiment ...	3,000	Item 35, class C do. do.
	Do.	3	Improving wash-houses, Parade barracks	12,500	Very desirable.
	Wellington ...	4	Quarters for three apothecaries	16,000	Desirable, especially if head-quarters, British infantry regiment, be sent to Wellington.
Ceded Districts.	Bellary ...	5	Twelve staff sergeants' quarters (Ordnance Department).	15,000	Most essential.
	Do.	6	Collarmaker and wheeler's shop, Royal Artillery ...	5,663	
Eastern district.	Fort St. George.	7	Converting racquet court into a covered gymnasium ...	11,890	Item 17, class C, final issue, budget, 1886-87. Rs. 9,890 were first allotted and afterwards surrendered (proceedings of Government, No. 1084 W., of 29th April 1886).
	Do.	8	Remodelling drainage	10,000	Improvements to drainage very desirable.
	Do.	9	Facing the enceinte of Fort St. George with Portland cement.	5,000	
	Saint Thomas' Mount.	10	A wheeler and collarmaker's shop for the West barracks.	5,660	
	Vellore ...	11	Drawbridge and gate to the fort	6,450	Necessary. Item 54, class C, final issue, budget, 1886-87. Rs. 6,450 were at first allotted, but afterwards surrendered (proceedings of Government, No. 1084 W., of 29th April 1886).
	Madras ...	12	Coal store, Ordnance Department	9,000	A building is now being rented for this purpose at Rs. 100 per mensem.
Western district.	Calicut ...	13	Providing barrack accommodation for 100 men ...	...	In order to do away with the necessity of keeping any British troops at Cannanore.

OOTACAMUND,
10th September 1886.

(Signed) E. FAUNCE, Brigadier-General,
Offg. Quartermaster-General.

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CLASS A.

WORKS commenced for completion of which grants are required.

Command.	Station.	Item No.	Work.	Cost.	Remarks.
				RS.	
Bangalore division.	Bangalore ...	1	Subsidiary buildings (including magazine) for one Madras infantry regiment.	11,636	Item 11, class B, final issue, budget, 1886-87.
	Trichinopoly.	2	Construction of stone drains.	5,140	Item 19 do. do.
Western district.	Mangalore ...	3	New barracks for detachment, British infantry, to accommodate 100 men.	20,000	Item 1, class A do. Provision will have to be made for accommodating 50 more men than barracks now under construction will hold when the garrison of the West Coast is redistributed.
Eastern district.	Fort St. George.	4	New magazine, Walla-jah barn.	26,420	Estimate now before Government. Item 14, class B, final issue, budget, 1886-87.

OOTACAMUND,
10th September 1886.

(Signed) E. FAUNCE, Brigadier-General,
Offg. Quartermaster-General.

CLASS D.

WORKS of special urgency not yet commenced, for which funds are absolutely required.

Command.	Station.	Item No.	Work.	Cost.	Remarks.
				RS.	
Bangalore division.	Bangalore ...	1	Subsidiary buildings, Madras cavalry regiment (less magazine).	15,000	Very urgent. Rs. 14,000 were first allotted, but subsequently surrendered (see G.O., No. 3092 W., of 30th December 1885, and No. 1084 W., of 29th April 1886). Item 36, class C, final issue, budget, 1886-87.
	Do.	2	Store-rooms and workshops for a Pioneer regiment ...	3,000	Item 35, class C do. do.
	Do.	3	Improving wash-houses, Parade barracks	12,500	Very desirable.
	Wellington ...	4	Quarters for three apothecaries	16,000	Desirable, especially if head-quarters, British infantry regiment, be sent to Wellington.
Ceded Districts.	Bellary ...	5	Twelve staff sergeants' quarters (Ordnance Department).	15,000	Most essential.
	Do.	6	Collarmaker and wheeler's shop, Royal Artillery ...	5,663	
Eastern district.	Fort St. George.	7	Converting racquet court into a covered gymnasium ...	11,890	Item 17, class C, final issue, budget, 1886-87. Rs. 9,890 were first allotted and afterwards surrendered (proceedings of Government, No. 1084 W., of 29th April 1886).
	Do.	8	Remodelling drainage	10,000	Improvements to drainage very desirable.
	Do.	9	Facing the enceinte of Fort St. George with Portland cement.	5,000	
	Saint Thomas' Mount.	10	A wheeler and collarmaker's shop for the West barracks.	5,660	
	Vellore ...	11	Drawbridge and gate to the fort	6,450	Necessary. Item 54, class C, final issue, budget, 1886-87. Rs. 6,450 were at first allotted, but afterwards surrendered (proceedings of Government, No. 1084 W., of 29th April 1886).
	Madras ...	12	Coal store, Ordnance Department	9,000	A building is now being rented for this purpose at Rs. 100 per mensem.
Western district...	Calicut ...	13	Providing barrack accommodation for 100 men ...	...	In order to do away with the necessity of keeping any British troops at Cannanore.

OOTACAMUND,
10th September 1886.

(Signed) E. FAUNCE, Brigadier-General,
Offg. Quartermaster-General.

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CLASS C.

Works of less urgency not yet commenced for which also grants are required.

Command.	Station.	Item No.	Work.	Cost.	Remarks.
				Rs.	
Bangalore division.	Bangalore ...	1	Quarters for schoolmaster and schoolmistress, Royal Artillery.	10,240	Estimate before Government.
	Do.	2	Quarters for a Conductor, Transport Department ...	5,800	
	Do.	3	12th Lancers. New orderly-room, or conversion of Quartermaster's stores into orderly-room and stores.	6,500	
	Do.	4	Transport Department. Quarters for ambulance sergeant near cattle lines.	3,000	
	Do.	5	Quarters for senior apothecary, North station hospital.	5,300	
	Do.	6	Quarters for assistant apothecary, North station hospital.	4,773	
Ceded Districts.	Wellington ...	7	Laying on drinking water to hospital	5,000	An estimate of Rs 2,226 having been sanctioned in G.O., No. 893 W., dated 2nd April 1886, the work is transferred to minor works statement.
	Do.	8	Quarters for barrack sergeant	7,348	
	Do.	9	Gymnasium	10,000	
	Trichinopoly ...	10	Workshops for a Pioneer regiment	8,000	Commander-in-Chief considers this essential.
	Ootacamund ...	11	Water-supply, Lawrence Asylum	7,000	
	Bellary ...	12	A new gunshed, Royal Artillery	3,970	
	Do.	13	Swimming-bath, British infantry	7,644	
	Do.	14	Infectious disease ward and cook-house, station hospital.	6,140	
	Do.	15	Alterations and additions to military prison and adjoining building.	11,260	Very necessary.
	Do.	16	Armourers' shop for the arsenal	4,650	
Western district.	Cannanore ...	17	Plunge-bath, European infantry barracks	4,690	
	Do.	18	Improving latrines, European infantry barracks ...	2,780	
	Do.	19	Improving roof of regimental guard-room, European infantry barracks.	3,060	
	Madras ...	20	Compound-wall round the gunpowder factory ...	20,240	
	Do.	21	Extra store-room accommodation, gun carriage factory.	6,000	
	Do.	22	Quarters for station butchers attached to slaughter-house, Guindy.	4,740	

	Do.	23	Lines for Transport attendants	48,000	
	Do.	24	Workshops and sheds for carts, doolies, &c., Transport Department.	5,500	
	Do.	25	Construction of a shed at the Camp Equipage Depôt.	5,300	
	(Rayapuram) ...	26	Flushing drains for native infantry	4,300	
	Do.	27	Improvements to Barrel machine shops, gun carriage factory.	...	The work having been already completed, it has been omitted.
	Tenampet ...	28	Constructing a wheat godown	5,950	
	Fort St. George.	29	Demolition of Wallajah ravelin and 2 lunettes ...	7,434	
	St. Thomas' Mount.	30	Sergeants' mess for East barracks	6,000	
	Do.	31	General improvements of the drains of the cantonment.	10,000	
	Do.	32	Quarters for three medical subordinates, Station hospital.	8,000	Proposed to convert south barracks into quarters for medical subordinates if not required for Battery, Royal Artillery.
Eastern District.	Do.	33	Quarters for Head-quarters Staff, Royal Artillery ...	12,000	Proposed to convert south barracks into quarters for head-quarters staff also.
	Do.	34	Battery office for P/1st, Royal Artillery	5,000	
	Do.	35	Raising roof of harness room, troop lines	4,200	
	Do.	36	Wooden-shed at the proof range	2,820	
	Do.	37	Converting disused gun-shed between North barracks and main guard into coffee-shop, recreation-room and library.	2,520	If field battery is placed in the barracks.
	Pallávaram ...	38	One mortuary room for each of the three hospitals Nos. 1 to 3.	3,000	
	Do.	39	Magazine for a Madras infantry regiment on standard plan.	4,500	
	Do.	40	Armourers' shop for a Madras infantry regiment ...	2,880	
	Poonamallee ...	41	Improvements to old barrack with possibility of obviating construction of the new.	5,000	
	Do.	42	Lightning conductors to the Station hospital	6,360	An estimate of Rs. 2,400 having been sanctioned in G.O., No. 193 W., dated 23rd January 1886, the work is transferred to minor works statement.
	Do.	43	Warrant officers' quarters	3,500	
	Do.	44	Two staff sergeants' quarters, first class	6,000	
	Do.	45	Coffee shop	9,000	
	Vizianagram ...	46	Regimental store-room including storage for camp equipage.	3,480	

OOTACAMUND,
10th September 1886.

(Signed) E. FAUNCE, Brigadier-General,
Offg. Quartermaster General.

CLASS C.

Works of less urgency not yet commenced for which also grants are required.

Command.	Station.	Item No.	Work.	Cost.	Remarks.
				RS.	
Bangalore division.	Bangalore ...	1	Quarters for schoolmaster and schoolmistress, Royal Artillary.	10,240	Estimate before Government.
	Do.	2	Quarters for a Conductor, Transport Department ...	5,800	
	Do.	3	12th Lancers. New orderly-room, or conversion of Quartermaster's stores into orderly-room and stores.	6,500	
	Do.	4	Transport Department. Quarters for ambulance sergeant near cattle lines.	3,000	
	Do.	5	Quarters for senior apothecary, North station hospitel.,	5,300	
	Do.	6	Quarters for assistant apothecary, North station hospital.	4,773	
	Wellington ...	7	Laying on drinking water to hospital	5,000	An estimate of Rs 2,226 having been sanctioned in G.O., No. 893 W., dated 2nd April 1886, the work is transferred to minor works statement.
	Do.	8	Quarters for barrack sergeant	7,348	
	Do.	9	Gymnasium	10,000	
	Trichinopoly ...	10	Workshops for a Pioneer regiment	8,000	Commander-in-Chief considers this essential.
	Ootacamund ...	11	Water-supply, Lawrence Asylum	7,000	
	Bellary ...	12	A new gunshed, Royal Artillery	3,970	
	Do.	13	Swimming-bath, British infantry	7,644	
	Do.	14	Infectious disease ward and cook-house, station hospital.	6,140	
Ceded Districts.	Do.	15	Alterations and additions to military prison and adjoining building.	11,260	Very necessary.
	Do.	16	Armourers' shop for the arsenal	4,650	
	Cannanore ...	17	Plunge-bath, European infantry barracks	4,690	
	Do.	18	Improving latrines, European infantry barracks ...	2,780	
Western district.	Do.	19	Improving roof of regimental guard-room, European infantry barracks.	5,960	
	Madras ...	20	Compound-wall round the gunpowder factory ...	20,240	
	Do.	21	Extra store-room, accommodation, gun carriage factory.	6,000	
	Do.	22	Quarters for station butchers attached to slaughter-house, Guindy.	4,740	
	Do.	23	Lines for Transport attendants	48,000	
	Do.	24	Workshops and sheds for carts, doolies, &c., Transport Department.	5,500	
	Do.	25	Construction of a shed at the Camp Equipage Depôt.	5,300	
	(Rayapuram) ...	26	Flushing drains for native infantry	4,300	
	Do.	27	Improvements to Barrel machine shops, gun carriage factory.	...	The work having been already completed, it has been omitted.
	Tenampet ...	28	Constructing a wheat godown	5,950	
	Fort St. George.	29	Demolition of Wallajah ravelin and 2 lunettes ...	7,434	
	St. Thomas' Mount.	30	Sergeants' mess for East barracks	6,000	
	Do.	31	General improvements of the drains of the cantonment.	10,000	
	Do.	32	Quarters for three medical subordinates, Station hospital.	8,000	Proposed to convert south barracks into quarters for medical subordinates if not required for Battery, Royal Artillery.
Eastern District.	Do.	33	Quarters for Head-quarters Staff, Royal Artillery ...	12,000	Proposed to convert south barracks into quarters for head-quarters staff also.
	Do.	34	Battery office for P/1st, Royal Artillery	5,000	
	Do.	35	Raising roof of harness room, troop lines	4,200	
	Do.	36	Wooden-shed at the proof range	2,820	
	Do.	37	Converting disused gun-shed between North barracks and main guard into coffee-shop, recreation-room and library.	2,520	If field battery is placed in the barracks.
	Pallávaram ...	38	One mortuary room for each of the three hospitals Nos. 1 to 3.	3,000	
	Do.	39	Magazine for a Madras infantry regiment on standard plan.	4,500	
	Do.	40	Armourers' shop for a Madras infantry regiment ...	2,880	
	Poonamallee ...	41	Improvements to old barrack with possibility of obviating construction of the new.	5,000	
	Do.	42	Lightning conductors to the Station hospital	6,360	An estimate of Rs. 2,400 having been sanctioned in G.O., No. 193 W., dated 23rd January 1886, the work is transferred to minor works statement.
	Do.	43	Warrant officers' quarters	3,500	
	Do.	44	Two staff sergeants' quarters, first class	6,000	
	Do.	45	Coffee shop	9,000	
	Vizianagram ...	46	Regimental store-room including storage for camp equipage.	3,480	

OOTACAMUND,
10th September 1886.

(Signed) E. FAUNCE, Brigadier-General,
Offg. Quartermaster General.

25TH SEPTEMBER 1886, NOS. 2497, 2498 W., PUBLIC WORKS.

Office note from the Examiner, Public Works Accounts, dated 16th Sept. 1886, No. 428.

ORDER—dated 25th September 1886, No. 2497 W., Public Works.

Ordered that the schedule of requirements on account of military works in the Madras presidency for 1887-88 be forwarded to the Government of India in the Military Department.

2. Ordered also that the schedules be printed and circulated to Superintending Engineers, who should lose no time in submitting the necessary plans and estimates for the unsanctioned works included in the schedules, as none of them can find place in the budget estimates for 1887-88, unless plans and estimates have been previously sanctioned.

(Here enter No. 2498 W., dated 25th September 1886.)

(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 "

LETTER—to the Secretary to the Government of India, Military Department, dated Fort St. George, 25th September 1886, No. 2498 W.

In forwarding, herewith, the proceedings of this Government, No. 2497 W., dated 25th September 1886, and the schedules of demands on account of military works for 1887-88, I am directed to solicit the special attention of the Government of India to the remarks of the Quartermaster-General contained in his letter, No. 3275 A., dated 10th September 1886, under "Minor Works," and to urge that a specially liberal grant may be assigned under this service, in order that many important works now kept back for want of funds may be undertaken in the ensuing year.

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

Exd. E. Fernandez.
Spare Copies

1161/12

Office note from the Examiner, Public Works Accounts, dated 16th Sept. 1886, No. 428.

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Spare Copies

1161/12

GENERAL.
ACCOUNT.

Govt. of [1886] Madras.

PUBLIC WORKS.

Dated September, 25th.

Encl.
Read.

G.O., 25th Sept. 1886, No. 2497, 2498 W.I

SEPTEMBER.

Military Works

The schedules of requirements on account of — in the Madras presidency for 1887-88, forwarded to the Government of India and circulated to Superintending Engineers.

1161/13

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following letter from R. G. MACDONALD, Esq., Officiating Under Secretary to the Government of India, Public Works Department (Account—General), to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 12th March 1887, No. 47 A.G.:—

In reply to your endorsement, No. 269 W., of the 3rd ultimo, I am directed to state that the Government of India approves of your recommendation to revert to the former rate of $1\frac{1}{2}$ per cent., in calculating the percentage chargeable to other funds for use of Provincial tools and plant.

ORDER—dated 23rd March 1887, No. 881 W., Public Works.

Communicated to officers of the Public Works Department, for information and guidance.

2. The reversion to the former rate of $1\frac{1}{2}$ per cent., approved of by the Government of India, will have effect from 1st April 1887.

3. The Secretary to the Code Committee will frame the necessary standing order modifying the rules on the subject in the Madras Public Works Code.

(True Extract.)

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

To Superintending Engineers.
To the Consulting Architect to Government.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.
" Financial Department.
" Revenue do.
" Military do.

Exd. E. Fernandez.
Spare Copies

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Govt. of 1886 Madras.

PUBLIC WORKS.

Dated September, 25th.

Encl.

Recd.
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Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1887} Madras.

PUBLIC WORKS.

Dated March, 23rd.

Recd. *Encl.*

G.O., 23rd Mar. 1887, No. 881 W.

MARCH.

Tools and Plant

The sanction of the Government of India to the proposal to revert to the $1\frac{1}{2}$ per cent. rate of contribution by funds other than Provincial on account of —, communicated to officers of the department.

1161/1579

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

C.R. 2687, 1686 &c.

1161/14

Portion of file connected with draft orders on Imperial Military Works Budget for 1887-88.

Per letter mail 16.4.87

Roads.
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4. Front and end elevations of the additional barrack should be submitted, and it should be explained whether the buildings now proposed are to be constructed on the same lines as those under completion for the accommodation of 100 men. It should be remembered that the plans and estimates sanctioned in G.O., No. 1840 W., dated 18th July 1882, had to be submitted to the Government of India because they deviated from standard designs, and full information should therefore be submitted with respect to the present plans and estimates in the event of their having to be forwarded to the Government of India.

GENERAL.
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Govt. of {1887} Madr

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1161
1579

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers :—

From Brigadier-General E. FAUNCE, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 25th February 1887, No. 862 A.

I have the honor, by order, to forward for sanction and transfer to the Public Works Department for disposal, the estimates, plans, &c., below mentioned, which have been approved by the Commander-in-Chief. The plans and estimate have been countersigned.

Plans and estimates, amounting to Rs. 38,940, for a barrack for 50 men (with out-houses) at Malapuram.

No. 1170, Military.

Approved and transferred to the Public Works Department for disposal.

(By Order.)

FORT ST. GEORGE,
28th February 1887.

(Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
Secretary to Government.

Memorandum to the Superintending Engineer, IV Circle, dated 8th March 1887, No. 846 C.

Forwarded to the Superintending Engineer, IV Circle, with reference to the following remarks.

2. In the Quartermaster-General's letter printed with G.O., No. 2497 W., dated 25th September 1886, it was stated that a canteen was required at Malapuram, in addition to the extra barrack needed for the increased garrison, but the estimate now submitted makes no provision for a canteen, and no explanation of the omission is given. If the military authorities have not requested a postponement of the work, provision for it should at once be made in the estimate, and a plan and specification should be submitted.

3. No specification has been submitted with the present estimate, and the report makes no reference to the fact that it is supplemental to the estimate of Rs. 1,35,697 sanctioned in G.O., No. 2305 W., dated 13th September 1886. A specification should now be added to the documents submitted.

4. Front and end elevations of the additional barrack should be submitted, and it should be explained whether the buildings now proposed are to be constructed on the same lines as those under completion for the accommodation of 100 men. It should be remembered that the plans and estimates sanctioned in G.O., No. 1840 W., dated 18th July 1882, had to be submitted to the Government of India because they deviated from standard designs, and full information should therefore be submitted with respect to the present plans and estimates in the event of their having to be forwarded to the Government of India.

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3. No specification has been submitted with the present estimate, and the report makes no reference to the fact that it is supplemental to the estimate of Rs. 1,35,697 sanctioned in G.O., No. 2305 W., dated 13th September 1886. A specification should now be added to the documents submitted.

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5. It should further be reported whether the barrack now proposed, and the canteen, will complete the accommodation required by the military authorities.

6. The reply to this reference should be submitted with the least possible delay, for it is important that the work should be commenced as early as practicable in view to the provision for it in the budget for 1887-88 being fully utilised.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 11th March 1887, No. 124 E.W.

With reference to your memorandum, No. 846 C., of 8th instant, I have the honor to forward, for your information, copy of my letter to the Deputy Assistant Quartermaster-General, No. 32-M. of 8th ultimo, on the subject of a canteen and to which I have had no reply. A reminder is now sent.

2. In the case of the barrack with out-houses, no specification was sent as they are to be in all respects similar to the barracks already constructed. A specification, however, will now be prepared; also front and rear elevations.

3. The barrack with out-houses and canteen are the only additional buildings that have been asked for, or that are likely to be required; and these would not have been wanted but that it has been decided to increase the force at Malapuram from 100 to 150 men.

4. I do not consider that the buildings now proposed can be considered supplemental to those already built; because those now existing would have been sufficient and complete if the military authorities had not decided to increase the force at that station.

ENCLOSURE.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Deputy Assistant Quartermaster-General, Southern District, Wellington, dated 8th February 1887, No. 32-M.

With reference to your telegram marked "urgent," dated 3rd instant, I have now the honor to submit an estimate for a new canteen on the standard plan to be erected at Malapuram amounting to Rs. 10,620.

2. I have, however, consulted with the Officer Commanding Malapuram and find that there will (1) be difficulty in finding a suitable site for the new building on the standard plan; (2) that there is not sufficient space at the site of the old canteen if that building is demolished; and (3) that all that seems to be really needed is a slight extension of the existing building and that the walls and verandah pillars should be raised about three feet.

3. If, on further consideration, you agree with me, I shall instruct the Executive Engineer to prepare a revised plan and estimate. Meantime a sum of Rs. 5,000 might be entered in the budget for improvements to the present canteen.

Memorandum to Superintending Engineer, IV Circle, dated 16th March 1887, No. 989 C.

With reference to letter from the Superintending Engineer, IV Circle, No. 124 E.W., dated 11th March 1887, the undersigned has the honor to request that, as there is likely to be delay in deciding about a canteen for the Malapuram barracks, the papers forwarded with this office No. 846 C., dated 8th March 1887, may be resubmitted with the least possible delay, accompanied by the documents called for in paragraphs 3 and 4 of the memorandum. Plan and estimate for the canteen may be submitted subsequently when the points referred to in Superintending Engineer's letter No. 32 M., dated 8th February 1887, have been settled.

2. Under paragraph 952 of the Public Works Code, the estimate now under consideration must be regarded as a supplemental one.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 25th March 1887, No. 148 E.W.

As requested in your memorandum, No. 846 C., of 8th instant, I have the honor to resubmit the estimate, amounting to Rs. 38,940, for an additional barrack at Malapuram with latrine and wash-house to accommodate 50 men, which is to be in all respects similar to the two new blocks already built there.

2. The plan now sent shows front and end elevations as well as a cross section of the building, and the estimate is accompanied by a specification.

3. With reference to paragraph 5 of your memorandum, I have to state that the military authorities first asked for a new barrack with out-houses, and a new canteen; but subsequently decided * that all that is needed in regard to the canteen is the improvement of the present building, for which a plan and estimate is now under preparation. It is believed that the above works will complete the accommodation required at Malapuram.

* *Vide* copy of letter, No. 930, of 21st March 1887, from the Deputy Assistant Quartermaster-General, Wellington.

4. The enclosures of your memorandum are herewith returned.

ORDER—dated 4th April 1887, No. 1003 W., Public Works.

The plan and estimates, amounting to Rs. 38,940, for constructing barracks at Malapuram for an additional force of 50 men, will be forwarded for the early sanction of the Government of India with reference to paragraph 1532 of the Madras Public Works Code.

2. The present estimate is supplemental to he existing sanction of Rs. 1,35,697 for barracks at Malapuram.

3. In the preliminary issue of the Military Works budget for 1887-88 a sum of Rs. 20,000 was provided for this work, but the Government of India in their resolution, No. 607 M.W., dated 18th March 1887, have tentatively reduced the grant to Rs. 11,000. The Superintending Engineer, IV Circle, has been separately requested to report whether the original grant of Rs. 20,000 can be spent during 1887-88, and if his reply be in the affirmative, the Government of India will be requested to reallot the amount so reduced.

(Here enter No. 1004 W., dated 4th April 1887.)

(True Extract.)

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

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

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

Exd. A. Aubert.
Spare Copies

5. It should further be reported whether the barrack now proposed, and the canteen, will complete the accommodation required by the military authorities.

6. The reply to this reference should be submitted with the least possible delay, for it is important that the work should be commenced as early as practicable in view to the provision for it in the budget for 1887-88 being fully utilised.

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(True Extract.)

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

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

ENDORSEMENT—dated 4th April 1887, No. 1004 W., Public Works.

Forwarded for the early sanction of the Government of India in the Military Department.

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

Exd. A. Aubert.
Spare Copies

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6. The reply to this reference should be submitted with the least possible delay, for it is important that the work should be commenced as early as practicable in view to the provision for it in the budget for 1887-88 being fully utilised.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 11th March 1887, No. 124 E.W.

With reference to your memorandum, No. 846 C., of 8th instant, I have the honor to forward, for your information, copy of my letter to the Deputy Assistant Quartermaster-General, No. 32-M. of 8th ultimo, on the subject of a canteen and to which I have had no reply. A reminder is now sent.

2. In the case of the barrack with out-houses, no specification was sent as they are to be in all respects similar to the barracks already constructed. A specification, however, will now be prepared; also front and rear elevations.

3. The barrack with out-houses and canteen are the only additional buildings that have been asked for, or that are likely to be required; and these would not have been wanted but that it has been decided to increase the force at Malapuram from 100 to 150 men.

4. I do not consider that the buildings now proposed can be considered supplemental to those already built; because those now existing would have been sufficient and complete if the military authorities had not decided to increase the force at that station.

Enclosure.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Deputy Assistant Quartermaster-General, Southern District, Wellington, dated 8th February 1887, No. 32-M.

With reference to your telegram marked "urgent," dated 3rd instant, I have now the honor to submit an estimate for a new canteen on the standard plan to be erected at Malapuram amounting to Rs. 10,620.

2. I have, however, consulted with the Officer Commanding Malapuram and find that there will (1) be difficulty in finding a suitable site for the new building on the standard plan; (2) that there is not sufficient space at the site of the old canteen if that building is demolished; and (3) that all that seems to be really needed is a slight extension of the existing building and that the walls and verandah pillars should be raised about three feet.

3. If, on further consideration, you agree with me, I shall instruct the Executive Engineer to prepare a revised plan and estimate. Meantime a sum of Rs. 5,000 might be entered in the budget for improvements to the present canteen.

Memorandum to Superintending Engineer, IV Circle, dated 16th March 1887, No. 989 C.

With reference to letter from the Superintending Engineer, IV Circle, No. 124 E.W., dated 11th March 1887, the undersigned has the honor to request that, as there is likely to be delay in deciding about a canteen for the Malapuram barracks, the papers forwarded with this office No. 846 C., dated 8th March 1887, may be resubmitted with the least possible delay, accompanied by the documents called for in paragraphs 3 and 4 of the memorandum. Plan and estimate for the canteen may be submitted subsequently when the points referred to in Superintending Engineer's letter No. 32 M., dated 8th February 1887, have been settled.

2. Under paragraph 952 of the Public Works Code, the estimate now under consideration must be regarded as a supplemental one.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 25th March 1887, No. 148 E.W.

As requested in your memorandum, No. 846 C., of 8th instant, I have the honor to resubmit the estimate, amounting to Rs. 38,940, for an additional barrack at Malapuram with latrine and wash-house to accommodate 50 men, which is to be in all respects similar to the two new blocks already built there.

2. The plan now sent shows front and end elevations as well as a cross section of the building, and the estimate is accompanied by a specification.

3. With reference to paragraph 5 of your memorandum, I have to state that the military authorities first asked for a new barrack with out-houses, and a new canteen; but subsequently decided * that all that is needed in regard to the canteen is the improvement of the present building, for which a plan and estimate is now under preparation. It is believed that the above works will complete the accommodation required at Malapuram.

* *Vide* copy of letter, No. 930, of 21st March 1887, from the Deputy Assistant Quartermaster-General, Wellington.

4. The enclosures of your memorandum are herewith returned.

Order—dated 4th April 1887, No. 1003 W., Public Works.

The plan and estimates, amounting to Rs. 38,940, for constructing barracks at Malapuram for an additional force of 50 men, will be forwarded for the early sanction of the Government of India with reference to paragraph 1532 of the Madras Public Works Code.

2. The present estimate is supplemental to the existing sanction of Rs. 1,35,697 for barracks at Malapuram.

3. In the preliminary issue of the Military Works budget for 1887-88 a sum of Rs. 20,000 was provided for this work, but the Government of India in their resolution, No. 607 M.W., dated 18th March 1887, have tentatively reduced the grant to Rs. 11,000. The Superintending Engineer, IV Circle, has been separately requested to report whether the original grant of Rs. 20,000 can be spent during 1887-88, and if his reply be in the affirmative, the Government of India will be requested to reallot the amount so reduced.

(Here enter No. 1004 W., dated 4th April 1887.)

(True Extract.)

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

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

Endorsement—dated 4th April 1887, No. 1004 W., Public Works.

Forwarded for the early sanction of the Government of India in the Military Department.

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

Exd. A. Aubert.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of [1887] Madras.

PUBLIC WORKS.

Dated April, 4th.

Recd. *Encl.*

G.O., 4th April 1887, No. 1004 W.

APRIL.

Barracks at Malapuram

Estimate of Rs. 38,940 for constructin
— for an additional force of 50 men, fo
warded for the sanction of the Governmen
of India.

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 the subject.

1161/17

1161/17

GOVERNMENT OF INDIA.

MILITARY DEPARTMENT.

Extract from the Proceedings of the Government of India, Military Department,—(No. 607 M-W, dated Fort William, the 18th March 1887.)

MADRAS.

Orders on Military Works budget estimate for 1887-88, and revised estimate for 1886-87.

READ—

Military Department Resolution No. 1672-M-W, dated the 1st November 1886.

Letter No. 3327-W, dated the 17th December 1886, from Government of Madras.

RESOLUTION.—The estimates of revenue are accepted for the sums entered in the subjoined table—

REVENUE.

	Budget Estimate, 1887-88.	Revised Estimate, 1886-87.	Budget Estimate, 1886-87.	Actuals, 1885-86.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	25,000	16,000	30,000	25,881
Total ...	25,000	16,000	30,000	25,881

EXPENDITURE.

Budget Estimate, 1887-88.

2. The estimate has been prepared for the grant of Rs. 5,50,000 sanctioned in Military Department Resolution No. 1672-M-W, dated 1st November 1886; with reference to para. 2 of the letter from the Government of Madras quoted in the preamble, the Government of India regret being unable to provide a larger allotment.

3. The details of Part I of the estimate are passed, subject to the following remarks:—

i. *Class A works.—Item 1, barracks for 50 additional men and canteen at Malapuram.* It has been found desirable to allot only Rs. 11,000 for this work, until it is known what the supplemental estimate includes, what it amounts to, and what prospect there is of the work being vigorously prosecuted. The balance of the grant may be held in reserve by the Madras Government for the present.

ii. *Class B works.*—It is noticed that estimates for items Nos. 2, 6, 7, 8 and 9 have not been prepared and sanctioned. The provision made for items 2 and 6 of the budget seems too high, but the allotments are admitted on the condition that no excess is permitted to take place.

iii. The remaining three items are Ordnance works, but were not brought forward by the Director-General of Ordnance in his schedule of requirements for 1887-88, and the Government of India has no means of judging whether the works proposed will be completed for the sums entered in the budget estimate. The allotments aggregating Rs. 36,000 are passed provisionally subject to redistribution in communication with the Inspector-General of Ordnance, who should obtain the concurrence of the Director-General of Ordnance to any proposals he may recommend to the Madras Government. The final distribution of the allotment of Rs. 36,000 to works or special repairs, or to both, should be communicated to the Government of India.

Revised estimate for 1886-87.

4. The revised estimate has been passed for the amount of the existing grant, Rs. 6,23,400.

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

	Budget Estimate, 1887-88.	Revised Estimate, 1886-87.	Budget Estimate, 1886-87.	Actuals, 1885-86.
	Rs.	Rs.	Rs.	Rs.
Original works { In progress ...	50,900	1,93,900	2,08,035	1,85,232
Original works { Not commenced ...	91,700			
Repairs	3,00,000	3,10,500	3,10,465	1,73,187
Total works and repairs ...	4,42,600	5,04,400	5,18,500	3,58,419
Establishment	1,03,000	1,17,500	1,20,700	83,263
Tools and plant	4,400	5,000	5,200	3,563
	5,50,000	6,26,900	6,44,400	4,45,245
DEDUCT—Excess amount included for expenditure in England in revised estimate	.....	1,500	.....	.....
	5,50,000	6,25,400	6,44,400	4,45,245
DEDUCT—Expenditure in England ...	.....	*2,000	.....	236
Net Indian outlay ...	5,50,000	6,23,400	6,44,400	4,45,009

* Reduced to Rs. 2,000 to accord with latest advices received from the Secretary of State.

116/18

116/18

6. The authority herewith given to incur expenditure within the limits shewn in the foregoing table is subject to the condition of a strict adherence to the rules in force regarding the financial regularity of departmental work.

ORDER.—Ordered, that this resolution be communicated to the Government of Madras, for information and guidance, with the request that 45 printed copies of the budget estimate, as now passed, may be submitted so a to reach the Government of India not later than the 1st May 1887.

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

(True extract)

(Signed) E. H. H. COLLEN,

Offg. Secy. to the Govt. of India.

ii. *Class B works.*—It is noticed that estimates for items Nos. 2, 6, 7, 8 and 9 have not been prepared and sanctioned. The provision made for items 2 and 6 of the budget seems too high, but the allotments are admitted on the condition that no excess is permitted to take place.

iii. The remaining three items are Ordnance works, but were not brought forward by the Director-General of Ordnance in his schedule of requirements for 1887-88, and the Government of India has no means of judging whether the works proposed will be completed for the sums entered in the budget estimate. The allotments aggregating Rs. 36,000 are passed provisionally subject to redistribution in communication with the Inspector-General of Ordnance, who should obtain the concurrence of the Director-General of Ordnance to any proposals he may recommend to the Madras Government. The final distribution of the allotment of Rs. 36,000 to works or special repairs, or to both, should be communicated to the Government of India.

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	5,50,000	6,26,900	6,44,400	4,45,245
DEDUCT—Excess amount included for expenditure in England in revised estimate.	.....	1,500	.....	.....
DEDUCT—Expenditure in England	5,50,000	6,25,400	6,44,400	4,45,245
Net Indian outlay ...	.....	*2,000	.....	236
	5,50,000	6,23,400	6,44,400	4,45,009

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

(True extract)

(Signed) E. H. H. COLLEN,

Offg. Secy. to the Govt. of India.

11.61/19

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following footnote to copy of G.O., dated 18th July 1884, No. 3370, Military (P.W.D. No. 1581 W., dated 24th June 1884), by Brigadier-General R. C. STEWART, Quartermaster-General, dated Ootacamund, 7th August 1884, No. 858-A. :—

Forwarded to the Officers Commanding, Eastern district, Bangalore division, Ceded districts and Western district for information.

2. With reference to paragraphs 6 and 7 of the order in the Public Works Department, the following distribution of the Rs. 10,961 is made to officers commanding divisions and districts, viz. :—

	Rs.
To the Eastern district ...	5,000
„ Bangalore division	2,961
„ Ceded districts ...	1,500
„ Western district ...	1,500
Total ...	10,961

3. From the statement of works for which "no funds are available" appended to the order of Government of which extracts are forwarded, it will be observed there are works costing over 500 rupees for which Government contemplate funds might be devoted from this grant. If, therefore, any balance is remaining after expenditure on works costing 500 rupees and under, such balance should be surrendered for application to emergent works costing more than 500 rupees in communication with Superintending Engineers concerned.

No. 859-A.

True copy forwarded to Secretary to Government, Public Works Department, for information.

(Signed) R. C. STEWART, Brigadier-General,
Quartermaster-General.

To the Secretary to Government, Public Works Department.

(Through the Military Department.)

No. 3841, Military,

Forwarded.

(By Order.)

8th August 1884. (Signed) A. R. KENNEY-HERBERT, Lieut-Col.,
Offg. Secretary to Government.

ORDER—dated 11th August 1884, No. 1965 W., Public Works.

Communicated to the officers concerned, in continuation of G.O., No. 1581 W., dated 24th June 1884.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Examiner, Public Works Accounts.
" Military Department.

Exd. E. Fernandez.
Spare Copies

NB1/20

GENERAL.
ACCOUNT.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated August, 11th.

Read. *Encl.*

G.O., 11th Aug. 1884, No. 1965 W.

AUGUST.

Minor Works Grant, Military

The distribution individually among officers commanding divisions and districts of the —, of Rs. 10,961 placed in lump sum at their disposal, communicated to officers concerned.

Appendix to G.O., No. 1595 W., dated 23rd June 1886.

A.—STATEMENT showing amounts applied for and those granted under Imperial—Military and Civil Works.

	Amounts applied for.						Amounts Granted.					
	Minor Works.			Repairs.			Minor Works.			Repairs.		
	Civil Works.			Civil Works.			Civil Works.			Civil Works.		
	Military.	Postal.	Telegraph.	Salt.	Military.	Postal.	Telegraph.	Salt.	Military.	Postal.	Telegraph.	Salt.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Ganjam ..	..	..	..	..	..	150	..	..	..	150	..	..
Rushikulya ..	500	..	..	..	1,000	350	..	..	1,000	350	..	..
Vizagapatam ..	700	100	..	..	2,000	300	500	..	2,000	300	500	..
Eastern Godavari ..	..	..	..	..	400	200	300	..	400	200	300	..
Central do. ..	..	..	..	..	..	..	..	..	..	..	..	..
Western do. ..	..	..	..	..	..	150	..	..	..	150	..	..
Eastern Kistna ..	..	..	..	..	..	..	250	..	..	..	250	..
Western do. ..	..	..	..	..	..	300	300	..	..	300	300	..
Gudivada	..	..	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	338	..	..	..	338	..	..
Sangam Project ..	..	..	..	..	..	..	..	..	..	..	..	..
Buckingham Canal ..	..	..	100	..	25,000	200	200	..	25,000	200	200	..
Bellary	1,000	..	..	..	..	200	..	..	..	200	..	..
Cuddapah	..	..	..	..	25,000	800	..	..	25,000	800	..	..
Kurnool	..	..	..	..	4,000	600	..	..	4,000	600	..	..
Nilgiri	..	..	..	..	27,000	500	..	..	27,000	500	..	..
Coimbatore ..	1,000	200	..	..	3,000	350	..	..	3,000	350	..	..
West Coast ..	3,500	500	..	..	200	200	42	..	200	200	42	..
North Arcot ..	..	..	..	..	30,000	..	..	..	30,000	..	..	..
South Arcot ..	5,000	..	..	..	1,75,000	200	..	..	1,75,000	200	..	..
Chingleput ..	7,000	..	..	..	600	..	..	..	600	..	..	..
Presidency ..	..	..	..	..	5,000	100	..	..	5,000	100	..	..
Tanjore	200	..	..	..	640	..	..	..	640	..	..	..
Trichinopoly ..	..	..	..	..	180	..	..	..	180	..	..	..
Negapatam ..	..	..	..	..	240	300	100	..	240	300	100	..
Madura	..	..	..	..	720	..	..	..	720	..	..	..
Ramnad	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevelly	..	..	..	..	..	..	..	..	..	..	..	..
Consulting Architect.	..	..	..	..	..	..	..	..	..	..	..	..
Officers Commanding Divisions and Districts ..	..	..	..	..	..	..	..	..	..	..	..	..
Director-General of Post Office ..	..	..	..	..	..	..	..	..	..	..	..	..
Director-General of Telegraphs ..	..	..	..	..	..	..	..	..	..	..	..	..
Reserve with the Government	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	18,900	800	100	..	3,09,980	5,838	1,692	..	3,10,485	5,060	6,060	..
	7,987	7,066	698	..					7,987	7,066	698	..
									485	..	3,308	..
	7,987	7,066	698	..	3,09,980	5,838	1,692	..	3,10,485	5,060	6,060	..

116/21

B.—Statement of requirements on account of Imperial Incomplete Works for 1885-86, &c.—*cont.*

Division.	Item No.	Name of work.	Amount of estimate.	Number and date of sanction.	Past expenditure.	Balance of estimate.	Amount applied for 1886-87		Amount Allotted		Item No.	Remarks.
							For incomplete works.	For new works.	For incomplete works.	For new works.		
1	2	3	4	5	6	7	8	9	10	11	12	13
		Minor Works—cont.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
West Coast ..	22	Building an urinary for the station hospital at Cannanore.	68	Superintending Engineer's Register No. 25 of 1883-84.	..	68	..	68	..	..	22	No funds available.
Do. ..	23	Sinking a well in the compound of the station hospital at Cannanore.	700	G.O., No. 1778 W. of 21st July 1884.	..	700	..	700	..	..	23	Do. do.
Do. ..	24	Building an urinary for the plunge bath of the Royal Artillery barracks at Cannanore.	30	Superintending Engineer's Register No. 24 of 1883-84.	..	30	..	30	..	..	24	Do. do.
Do. ..	25	Alterations to the floor of the ovens of the Government bakery at Cannanore.	440	Superintending Engineer's Register No. 22 of 1884-85.	..	440	..	440	..	..	25	Do. do.
Do. ..	26	Constructing laterite drains to the Government bakery at Cannanore.	200	Superintending Engineer's Register No. 33 of 1884-85.	..	200	..	200	..	..	26	Do. do.
Do. ..	27	Providing a compound wall and wooden ceiling for the European Infantry cells at Cannanore ..	756	G.O., No. 345 W. of 8th February 1886.	..	756	..	756	..	..	27	Do. do.
Do. ..	28	Constructing a permanent verandah for the Quartermaster stores Native Infantry Regiment at Mangalore.	630	G.O., No. 1648 W. of 1st July 1884.	..	630	..	630	..	..	28	Do. do.
Do. ..	29	Substituting asphalte for chunam in the flooring of the wards and surgery of the hospital attached to the Native Infantry Regiment at Mangalore.	695	G.O., No. 1647 W. of 1st July 1884.	..	695	..	695	..	..	29	Do. do.
Do. ..	30	Flooring with tar composite the Native Infantry place-of-arms at Mangalore.	653	G.O., No. 285 W. of 6th February 1885.	..	653	..	653	..	..	30	Do. do.
Do. ..	31	Deepening well on cholera hill at Malapuram.	..	....	..	..	..	605	..	..	31	Do. do. Estimate is awaited.
Do. ..	32	Do. do. ..	..	....	..	..	..	610	..	..	32	Do. do. do.
Do. ..	33	Constructing a compound wall and supplying furniture to the church at Malapuram.	..	....	..	..	..	1,370	..	..	33	Do. do. do.
Do. ..	34	Converting the five family quarters of No. 2 block at the West Hill barracks, Calicut, into a Commissariat Staff Serjeant's quarters and store rooms.	650	G.O., No. 841 W. of 6th April 1885.	..	650	..	650	..	..	34	No funds available.
Coimbatore ..	35	Improvements to the rest house at Pôdanûr.	1,190	G.O., No. 1457 W. of 9th June 1886.	73	1,117	777	..	777	..	35	From minor works grant.
Do. ..	36	Constructing two cisterns to hold water for fire engines at the Remount Depôt, Matagiri.	1,330	G.O., No. 961 W. of 23rd April 1885.	200	1,130	1,130	..	1,130	..	36	Do. do.
North Arcot ..	37	Supplying materials for the sanitary improvements to the court-yards of sepoy lines at Vellore.	2,110	G.O., No. 146 W. of 18th January 1886.	503	1,607	1,607	..	1,607	..	37	Do. do.
		Total ..	..		..	..	6,303	24,395	6,303	2,453		
		Major Works.										
Vizagapatam ..	1	Constructing a store shed for the 16th Regiment, Madras Native Infantry, at Vizianagrum.	3,480	G.O., No. 2628 W. of 27th Oct. 1884.	..	3,480	..	3,480	..	..	1	No funds available.
Nilgiri ..	2	Bakery at Wellington	32,000	G.O., No. 1838 W. of 29th July 1884.	24,074	7,926	6,100	..	6,100	..	2	From minor works grant.
Do. ..	3	Alterations to the school hospital attached to the Lawrence Asylum, Ootacamund.	31,538	G.O., No. 3281 W. of 12th Dec. 1882.	..	31,538	..	31,538	..	..	3	No funds available.
Do. ..	4	Adding two lying-in wards to the station hospital at Wellington.	3,036	G.O., No. 1573 W. of 6th July 1885.	..	3,036	..	3,036	..	..	4	The amount applied for has been provided in the Military budget for 1886-87, item No. 2, class B works.
West Coast ..	5	Improving and fixing lightning conductors to the Madras Infantry magazine at Quilon.	3,880	G.O., No. 552 W. of 3rd March 1886.	..	3,880	..	3,880	..	3,880	5	From minor works grant.
Do. ..	6	Providing shelves and racks for the storage of ammunition in the double magazine and treasure room in the Cannanore Fort.	3,590	G.O., No. 2368 W. of 24th Sept. 1884, and No. 1263 W. of 19th May 1886.	2,419	1,171	1,170	..	1,170	..	6	Do. do.
Presidency ..	7	Alterations to the Coast batteries at Madras.	14,265	G.O., No. 2126 W. of 11th Sept. 1885.	6,219	8,046	2,021	..	2,021	..	7	From minor works grant, in addition to Rs. 6,025 provided in the budget.
		Total ..	..		..	..	9,291	41,934	9,291	3,880		

23/1911

1161/24

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers:—

From the Superintending Engineer,	I Circle,	dated	3rd June	1886,	No. 490 G.D.
" " "	II "	"	19th May	"	(one statement)
" " "	III "	"	8th "	"	(three statements).
" " "	IV "	"	11th "	"	No. 142 E.W.
" " "	V "	"	11th "	"	" 571.
" " "	V "	"	11th "	"	" 572.
" " "	V "	"	11th "	"	" 573.
" " "	V "	"	11th "	"	" 574.
" " "	V "	"	7th June	"	" 952.
" " "	V "	"	7th "	"	" 964.
" " "	VI "	"	12th May	"	" 227 M.D.
" Consulting Architect to Government		"	12th "	"	" 196.

Order—dated 23rd June 1886, No. 1595 W., Public Works.

With the papers read above, the Superintending Engineers and the Consulting Architect submit statements of the estimated requirements, under Imperial "Military" and "Civil" Works, in lump sums, against each division, for minor works, and repairs, and, in detail, for incomplete works of 1885-86, and for new works proposed to be undertaken in the current official year.

2. Under Imperial "Military," the demands against Original Works amount to—

	Rs.
For minor works, lump sums	18,900
" incomplete minor works	6,303
" " major "	9,291
" new minor works	24,395
" " major "	41,934
	1,00,823

and the budget grant for minor works amounts to only Rs. 27,000. The Superintending Engineer, V Circle, having surrendered a sum of Rs. 2,864 from the current year's grant for armament in Fort St. George, it will be resumed, in anticipation of sanction by the Government of India, and added to the grant for minor works, which will then be Rs. 29,864. Of that amount, Rs. 15,594 for incomplete works, and Rs. 6,333 for three new works* considered emergent, have been allotted; and the balance, Rs. 7,937, has been placed, in lump sums, at the disposal of Officers Commanding Divisions and Districts, to whom Superintending Engineers will apply for funds required to meet outlay on such works as are indispensably necessary to be carried out during the year.

Vide G.Os., No. 1320 W., dated 26th May 1886, No. 1355 W., dated 25th May 1886, and No. 1148 W., dated 7th May 1886.

3. The demands under Repairs amount to Rs. 3,09,980, against the budget grant of Rs. 3,10,465. The necessary allotment has been made, as will be found in statement A.

The allotment to the Presidency division includes provision for re-roofing the mess-house in Fort St. George, and for the Commissariat granary buildings on the beach at Madras.

4. A sum of Rs. 844 was applied for by the Superintending Engineer, V Circle, for improving the roof of family quarters, Poonamallee; but as the sanction to the work was ordered to be cancelled (*vide* G.O., No. 585 W., dated 12th March 1885) no appropriation is necessary.

5. Under Imperial "Civil" Works, the demands against Original Works, Postal, amount to—

	Rs.
For minor works, lump sum	800
" incomplete minor works	3,184
" " major "	8,877
" new minor works	780
" " major "	2,910
Total ...	16,551

of which, only Rs. 3,184 have been allotted for incomplete minor works. The balance of the budget grant for minor works, after the above allotment, is Rs. 6,816, to which must be added a sum of Rs. 249 transferred from the grant for a new post office at Anantapur. The total, Rs. 7,065, is placed at the disposal of the Director-General of Post Offices, who will allot the requisite funds for works to be undertaken during the year.

6. The demands against Original Works, Telegraph, amount to—

	Rs.
For minor works, lump sum	100
" incomplete major works	5,302
" new minor works	1,000
Total ...	6,402

7. Funds have been allotted for all the incomplete works to the extent of Rs. 5,302; and the balance, Rs. 698, of the budget provision for minor works, has been placed at the disposal of the Director-General of Telegraphs, as shown in statement A.

8. The allotment under Repairs (Postal and Telegraph) will be found in statement A. The demands of Superintending Engineers under Postal amount to Rs. 5,838, but have been reduced to Rs. 5,000 to bring the sum within the provision in the budget.

9. Ordered that copies of these proceedings be forwarded to the Government of India in the Military and Public Works departments.

(Here enter No. 1596 W., dated 23rd June 1886.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers,
To the Consulting Architect to Government.
" Examiner, Public Works Accounts.
" Director-General of Post Offices.
" Director-General of Telegraphs.
" Military Department.

Exd. E. Fernandez.
Spare Copies

1161/25

27224

GENERAL.
ACCOUNT.

Govt. of [1886] Madras.

PUBLIC WORKS.

Dated June, 23rd.

Encl.

Recd.

G.O., 23rd June 1886, No. 1595 W.

JUNE.

Imperial Military and Civil Works

Orders on statements of estimated requirements in 1886-87 under — for incomplete and minor works and repairs.

1167/26

1886.

P. W. DEPARTMENT.

Current No. 5544

From

The Examiner P. W. Accts.

ENCLOS.—

No. 279

Dated 15th July 1886

Received 16 — a —

SUBJECT.

Requesting information as to the distribution of the sum of Rs 7937 between the several officers commanding divisions and Districts and applying for the transfer of funds from the Indian to the English Grant on account of the Mess House at Fort St George—

DISPOSAL.

No. 2566 Dated 23rd July 1886

To

The distribution of the sum of Rs 7937 has not yet been communicated by the Mily. Dept. When communicated you will be duly informed.

2. Please state the value of iron girders indented for on account of the Mess House

at Fort Saint George, to
that the required transfer
of funds to "London Expend-
-iture" may be sanctioned.

(Sd) D. McC. 6
D.W.

A. G. O. No. 1596 W. of 23-6-86
-1763 C- 11-5-86
A. G. O. - 202 W- 26-1-86
- - 1965 W- 11-8-84

Dealt
23/7/86

1161/26

1161/27

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers:—

G.O., dated 17th December 1886, Nos. 3330, 3331 W., Public Works.

From Brigadier-General E. FAUNCE, Officiating Quartermaster-General, to the Secretary to Government, Military Department, dated Madras, 13th December 1886, No. 102-T.

Referring to O.G., No. 7155, dated 15th November 1886, I have the honor, by order, to report, for the information of Government, that His Excellency the Commander-in-Chief is now giving his consideration to the proposal made by the Government of India regarding the utilization of the existing magazines in Fort St. George; but as even if he finds himself able to recommend the execution of improvements to these magazines there is no probability of the plans and estimates connected therewith being completed in time to admit of work on them being undertaken in the current year, he would urge that no time be lost in moving the Government of India, by telegram if possible, to replace the grant of Rs 20,000 at the disposal of the Government of Madras for allotment to the urgent works noted in the annexed list, some of which have been for years in the lists submitted with budgets, but which have had to stand over from want of funds.

2. If funds can be obtained for these works this year, it will be practicable to leave in the budget of next year some of those which, under the urgent demands for that year, it was proposed to omit in this office letter, No. 51-T., dated 1st instant, to the address of the Secretary to Government, Public Works Department.

Enclosure.

List of Military Works for which funds are urgently required in the current year.

Station.	Work.	Estimate.	Amount required this year.	Remarks.
1	2	3	4	5
		RS.	RS.	
Bellary	New gun-shed with collar-maker and wheeler shop, R.A.	5,663	5,663	Item 1, Class C Works, Budget 1886-87.
Madras	Converting a racquet court into gymnasium, Fort St. George.	11,890	5,000	,, 17, do. do. do.
Wellington ..	Quarters for Barrack Sergeant ..	7,348	5,000	,, 10, Class C Works, Budget 1886-87, essential, as all Staff Sergeants' quarters in barracks will be required for the head-quarters of the regiment and for the depôt.
Bangalore ..	Improvements to wash-houses, Parade barracks.	12,500	4,337	Item 23, Class C Works, Budget 1886-87.
	Total ..	..	20,000	

(Signed) E. FAUNCE, Brigadier-General,
Officiating Quartermaster-General.

No. 7770, Military.

Transferred to the Public Works Department, for favor of necessary action, with reference to Proceedings of Government, No. 2928 W., dated 6th November 1886.

(By Order.)

FORT ST. GEORGE, 14th December 1886. (Signed) A. R. KENNEY-HERBERT, Lieut.-Col., Secretary to Government.

Order—dated 17th December 1886, No. 3330 W., Public Works.

Ordered to be forwarded to the Government of India with a strong recommendation that the sum withdrawn in paragraph 4 of their letter, No. 1607 M.W., dated 25th October 1886, may be re-allotted to this presidency for expenditure on the works detailed in the list attached to the Quartermaster-General's letter.

2. The Government of India will be requested to reply by wire.

(Here enter No. 3331 W., dated 17th December 1886.)

(True Extract.)

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

Endorsement—dated 17th December 1886, No. 3331 W., Public Works.

Forwarded.

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

Telegram from the Secretary to the Government of India, Military Department, Calcutta, to the Secretary to the Government of Madras, Public Works Department, Madras, dated 21st January 1887, No. 113 M.W.

Rs. 20,000 sanctioned for works detailed in list forwarded with your 3331 W., 17th ultimo.

ORDER—dated 22nd January 1887, No. 217 W., Public Works.

Communicated to Superintending Engineers concerned, who will make immediate arrangements to utilise the grant sanctioned by the Government of India. The names of the works and the sum allotted for each are given in the statement printed above.

2. The amount added to the Madras Military Works grant for 1886-87 is shown in the margin.

	Rs.
For Works	20,000
,, Establishment	4,600
,, Tools and plant	200
Total ..	24,800

(True Extract.)

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

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

Exd. P. L. Pereira.
Spare Copies

1161/28

GENERAL.
ACCOUNT.

Govt. of {1887} Madras.

PUBLIC WORKS.

Dated January, 22nd.

Recd. *Encl.*

G.O., 22nd Jan. 1887, No. 217 W.

JANUARY.

Funds

Telegram from the Government of India sanctioning an allotment of Rs. 20,000 for expenditure on certain Military works, communicated to the Superintending Engineers concerned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

1161/29

General.
Account.

READ—the following letter from Colonel W. H. BURTON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Madras, 3rd February 1887, No. 5412 :—

I have the honor to request that an additional grant of Rs. 6,000 under Imperial, Military Repairs, in the Chingleput division, may be sanctioned for the urgent work of renewing earth of day and night lines and the stables of Q/1st Royal Artillery at Mount, requisitioned by the Military Department, and for which an estimate of Rs. 6,050 has been prepared. To meet the outlay of Rs. 6,000, the Executive Engineer surrenders the following sums which he cannot spend during the current official year :—

Imperial.
Military.
Original Works.

	Amount surrendered. Rs.
(1) New barracks for Royal Artillery at Mount from the grant of Rs. 19,050	1,325
(2) Barrel racks in the reserve powder magazine at Mount from the grant of Rs. 2,505	2,505
(3) Coffee shop. Upper story barracks at Mount from the grant of Rs. 4,320	2,170
Total ...	6,000

ORDER—dated 9th February 1887, No. 386 W., Public Works.

The following transfers of funds under Imperial Military are sanctioned, pending the approval of the Government of India :—

From	Rs.	*To*	Rs.
New barracks for Royal Artillery at St. Thomas' Mount	1,325	Military repairs, Chingleput division ...	6,000
Alterations to racks in the Ordnance magazine, St. Thomas' Mount ...	2,505		
Construction of a coffee shop with kitchen for the upper story barracks, St. Thomas' Mount	2,170		
Total ...	6,000		

2. The following deferred telegram will be sent to the Government of India in the Military Department :—

"Please wire sanction to transfer to urgent Military Repairs—Rs. 1,325 from item 2, class A, Rs. 2,505 from item 16, class B, and Rs. 2,170 from item 8, class B, of Military budget."

(True Extract.)

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

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

Exd. P. L. Pereira.

Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1887} Madras

PUBLIC WORKS.

Dated February, 9th.

Recd. *En*

G.O., 9th Feb. 1887, No. 386 W.

FEBRUARY.

Funds

Certain transfers of — under Imperia
Military in V Circle, sanctioned, subject to
approval of the Government of India.

[C. No. 8.]

116/20

GOVT. OF MADRAS. } 1886. { E. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

Madras, 15th JULY 1886.

OFFICE NOTE No. 279.

To

W.

G.O. NO. 1595 W, DATED 23RD JUNE 1886.

PLEASE FAVOR ME WITH A DIS-
TRIBUTION OF THE SUM OF RS. 7,937
BETWEEN THE SEVERAL OFFICERS COMMAND-
ING DIVISIONS AND DISTRICTS.

2. IN ACCORDANCE WITH YOUR OFFICE
NOTE NO. 1765 DATED THE 11TH MAY 1886,
A GRANT FOR MEETING THE VALUE OF IRON
GIRDERS INDENTED FOR ON ACCOUNT OF
THE MESS HOUSE AT FORT SAINT GEORGE,
WILL HAVE TO BE PROVIDED BY A TRANSFER
FROM THE INDIAN TO THE ENGLISH GRANT.

C.

KEEP-WITH Genl. No.

dated 188 .

15964 W 23.6.86
202 W 25.1.86
No 1763 C. 11.5.86
G.O. 1965 W 11.8.86

R. No 281
24-7-86

No 2566 C d/ 23rd July 1886.

To 6.

The distribution of the sum of Rs 7937 has not yet been communicated by the Military Dept. When communicated, you will be duly informed.

2. Please state the value of Iron girders indented for on account of the Mess house at Fort St George, so that the required transfer of funds to "London Expenditure" may be sanctioned.

19/7/86
D.W.

24/7

21.7.86

G.O. 1127/7, 19.7.86 W 23.7.86

P.W.C. No. 554

5814/86

Recd. 16.7.86

[C. No. 8.]

116/31

GOVT. OF MADRAS. 1886. P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

Madras, 27th July 1886.

OFFICE NOTE No. 304

To W.

Encl. one

Your O. N. No. 2566 C. dated 23rd. July 1886.

The value of iron girders indented for on account of the Mess House at Fort Saint George amounted to Rs. 3,504.

C.

26/7

26/7

KEEP-WITH Genl. No.

dated 188 .

... that if

No 2566 C · 23·7·86
G.O. 1596 W · 23·6·86
No 1768 C · 11·5·86
G.O. 202 W · 25·1·86
" 1965 W · 11·8·84

W. 1127, 21/7
6·19·7·86 W 23·7·86

116/32

PUBLIC WORKS DEPARTMENT.

No. 1953 W dated 6th Aug 86

B/

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

office note from the Ex: P.W. accounts. No 279 d/ 15th July /86
do — to the — do — - 2566 C d/ 23 July/86 -
Office note from the Examiner of P. W. Accounts. H. E. No: 304 d/ 27th July 1886.

Of the sum of Rs. 6,120 included* in the lump sum allotment to the Presidency Division under Imperial Military Repairs, to meet the cost of reroofing the Mess House at Fort Saint George, Rs. 3,504 will be transferred from Indian to London expenditure, to cover the cost of the iron girders indented for. ~~on account of the building~~

* Vide para 3 of G.O. No: 1595 W d/ 23rd June 1886

2. Ordered that a copy of these Proceedings be forwarded for the information of the Govt. of India in the Military Department.

H. E. No: 1954 W d/ 6

Forwarded.

25/7/86

To
The Supty. Engr. V Circle
" Examiner of P. W. Accts.

7/8/86

2·8·86

7/8/86

a suggest that if

[C. No. 8.]

GOVT. OF MADRAS. 1886. P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

116/33

Madras, 24th September 1886.

OFFICE NOTE No. 450.

To

Exe: am

W.

I shall be obliged by your informing me whether any distribution has been made of the sum of Rs. 7,937 placed at the disposal of General Officers Commanding Divisions and Districts in G. O. No. 1595 W. dated 23rd. June 1886, as from the accompanying Appropriation Return it will be seen that Appropriations have been made from the grant at the disposal of the Officer Commanding, Bangalore Division.

KEEP-WITH Genl. No.

dated

* To be kindly returned when not required.

C.

No. 3345 C a/ 29-9-86

Copy forwarded to the Military Dept with a request that if

[C. No. 8.]

GOVT. OF MADRAS. } 1886. {P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

116/33

Madras, 24th September 1886.

OFFICE NOTE No. 450.

To

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C.

KEEP-WITH Genl. No.

dated To be kindly returned when not required.

No. 3345 C of 29-7-86

Copy forwarded to the Military Dept with a request that if

the distribution of the sum referred to by the Examiner has been already effected it may be intimated to this Dept.

Recd: 24.9.86

No. 1595 W d/ 23-6-86
- 1953/1954 W - 6-8-86
- 2366 C - 23-7-86
- 1596 W - 23-6-86
- 1763 C - 11-5-86
- 202 W - 25-1-86
- 1765 W - 11-8-84

No. 3345 C d/ 29-9-86

The Military Dept.
Exr. of P. W. Accts with the appropriation return.

16th October 1886, No. 2722 W., Public Works.

116/34

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following paper :—

G.O., dated 13th October 1886, No. 6425, Military.

Read—the following papers :—

From the Public Works Department, dated 29th September 1886, No. 3345 C.
From the Quartermaster-General, dated 7th October 1886, No. 3654 A.

Order—dated 13th October 1886, No. 6425, Military.

Resolved that the Public Works Department be informed that the minor works grant for 1886-87 has been distributed as follows under the orders of His Excellency the Commander-in-Chief :—

	RS.
Eastern district ...	3,200
Bangalore division ...	2,544
Western district ...	1,000
Ceded districts ...	1,193
Total ...	7,937

(True Extract.)

(Signed) A. R. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

Order—dated 16th October 1886, No. 2722 W., Public Works.

Communicated to the officers concerned, in continuation of G.O., No. 1595 W., dated 23rd June 1886.

(True Extract.)

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

To Superintending Engineers.
To the Examiner, Public Works Accounts.

Exd. E. Fernandez.
Spare Copies

the distribution of the sum referred to by the Examiner has been already effected it may be intimated to this Dept.

Jolle
25/9/86.

Recd. 24-9-86

No. 1595 W d/ 23-6-86
- 1953/1954 W - 6-8-86
- 2366 C - 23-7-86
- 1596 W - 23-6-86
- 1763 C - 11-5-86
- 202 W - 25-1-86
- 1965 W - 11-8-84

No. 3345 C d/ 29-9-86

The Military Depts
Exr. of P. W. Accts
with the appropriation return.

16th October 1886, No. 2722 W., Public Works.

116/34

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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Ceded districts	1,193
Total ...	7,937

(True Extract.)

(Signed) A. R. KENNEY-HERBERT, Lt.-Col.,
Secretary to Government.

Order—dated 16th October 1886, No. 2722 W., Public Works.

Communicated to the officers concerned, in continuation of G.O., No. 1595 W., dated 23rd June 1886.

(True Extract.)

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

To Superintending Engineers.
To the Examiner, Public Works Accounts.

Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated October, 16*th*.

Read. *Encl.*

G.O., 16th Oct. 1886, No. 2722 W.

OCTOBER.

Minor Works Grant, Military

Proceedings, Military Department, intimating the distribution, among officers commanding divisions and districts, of the —, of 1886-87, communicated to officers concerned.

Military Buildings.

No. 6425

Government of Madras.

MILITARY DEPARTMENT.

Fort St. George, the 13th October 1886.

1161
35

From the Public Works Dept.
No. 3345 C., dated 29th September 1886.

From the Quarter Master
General No. 3654-A., dated 7th Oct. 1886.

Order. Resolved that the Public Works Department, be informed that the minor works grant for 1886/87 has been distributed as follows, under the orders of His Excellency the Commander-in-Chief:—

Eastern District	Rs 3200.
Bangalore Division	" 2344.
Western District	" 1000.
Cadet Districts	" 1193.
Total Rupees	7737.

(True Extract)

Attorney Herbert
Secretary to Government.

To
The Public Works Department.
208

1161
36

A No. 2722 w dated 16th Oct 1886

CONS 6425

General
Account

Communicated

to the officers con-
-cerned in continuation
of G. O. No. 1595 W. dated
23d June 1886.

Cn/

15/10/86

15/10/86.

3345 C 24.9.86.
1579/3
1595 W 23.6.86.
1953-4 W 6.8.86.
202 W 25.1.86.
1965 W 11.8.84

B 16/10

15/10

To

Supg. Engineers
Examr. P. W. Accounts
Despd. 27-10.86.

with order

1161
37

8074

Govt. of 1886 Madras.

PUBLIC WORKS.

Dated Pres 18/10/86

Recd. Encl.

G.O. 16 October 1886, No. 2722

minor works fund, military

Pro: military Dept with the distribution among officers commanding divisions & districts of the — of 1886-87 Commd. to officers concerned

150
8

see 16/10 R16/10

8th November 1886, No. 2939 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

1161/38

General.
Account.

Read—the following papers:—

From the Superintending Engineer, V Circle, dated 17th Oct. 1886, No. 3570.
" " " V " " 2nd Nov. " " 3876.

Order—dated 8th November 1886, No. 2939 W., Public Works.

The following sums surrendered by the Superintending Engineer, V Circle, under Imperial, Military, are resumed and held in reserve with the Government:—

	RS.
Improvements to the old barracks at St. Thomas' Mount	8,870
Alterations to the British cavalry barracks at Bangalore	450
Supplying materials for the sanitary improvements to the court-yards of sepoys' lines at Vellore	1,570
Total ...	10,890

2. The sanction of the Government of India to the following transfers will be applied for:—

From	RS.	*To*	RS.
New barracks for Royal Artillery at St. Thomas' Mount	8,023	Constructing six blocks of stables for Royal Artillery at St. Thomas' Mount	630
Fortified post at Agram, Bangalore ...	1,880	Minor works	7,273
		Repairs	2,000
Total ...	9,903	Total ...	9,903

3. The sum of Rs. 244 required for the South Arcot division under Imperial, Military, Repairs, will be allotted on receipt of sanction of the Government of India to the proposed transfers.

4. With respect to the surrender proposed by the Superintending Engineer from the grant for the new magazine in the Wallajah berm of Fort St. George, it is observed that the Government of India have already withdrawn the total grant for the work (*vide* G.O., No. 2928 W., dated 6th November 1886).

(True Extract.)

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

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

Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated November, 8th.

Recd. *Encl.*

G.O., 8th Nov. 1886, No. 2939 W.

NOVEMBER.

Funds

Orders on a statement of savings and demands under Imperial, Military, in V Circle.

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS,
Chepák, 5th November 1886.

No. 3969

From

THE SUPERINTENDING ENGINEER,
V CIRCLE,

1161/39

To

THE Chief Engineer
P. W. Department.

SIR,

Enclosures.

I have the honor to inform you that many Petty works under this Division have been sanctioned but cannot be commenced for want of funds.

2. The Amounts placed at the disposal of the General Officer Commanding Division in G. O. No. 2722 W. dated 16th October 1886 is altogether inadequate for these works. If money is available, I would propose

propose that some may also be placed at the disposal of the Executive Engineers to carry out the most necessary works which have been asked for by the Military Authorities – those.

Names of Divisions		Amount of Estimates sanctioned and not commenced.	Proposed Special grant. applied for.	No. of Works Sanctioned
Madras Station	Presidency	17,748	5,000	36.
Bangalore Station	Division.	4338	3,000	24
Chicaglepat Division		4187	2,500	13.
			10,500	

I have the honor to be

Sir,

Your Most Obt. Servant

W.H. Hunter Lt.Col.R.E.

Superintending Engineer

5th Circle.

1161/40

No. 3735 C. d/ 27-10-86
- 1933/1954 W - 6-8-86

P.W.C. No. 8651

The Govt of India has been requested to sanction a transfer of Rs 7273 to minor works in the V Circle - When their sanction is received the amount will be distributed to the 3 divisions for which the Supg Engineer has applied for funds

[illegible]
5/11/86

B
14/11

Cu
8 11

[illegible]
8/11/86

To The S. E. V Circle
Dated 10-11-86.

No. 3969.

From
The Supg Engr
5 Circle

To
The Chief Engineer
P. W. Deptt.

Dated 5 & Recd 6 November 1886.

Minor New Works under Military

Informs that many Estimates for [illegible] have been sanctioned but cannot be commenced for want of funds.

Withmeans

Explanation of necessity for reappropriation.

No. 2949 W.

Madras, Novr. 9. 1886

116/41

The amounts surrendered are the savings on the estimates for the works concerned and it is proposed to utilise them in the manner detailed in the statement.

(By order)

[signature]

Captain R.E.

Under Secy to Govt. P. W. D.

Put up with C No. 10172/86
with B.
[initials]
8/1

To

The Secretary to the Government of India
Military Department (in duplicate

X. [illegible]

Govt. of India Form No. 121—Vide G.O., No. 26, of 5th January 1876.

116/62

Application to the Government of India for a Reappropriation of Budget Grant.

PROPOSED NEW GRANT.

Head of Service.	Item No. of Budget.	Works.	Amount of Estimate.	Outlay to end of previous year.	Original Grant for current year.	Existing Grant for current year.	Proposed Increase.	Grant as now proposed.
		Imperial Military Original works.						
	3	Constructing six blocks of Stables for 2 field batteries of Royal Artillery at St. Thomas Mount	21,702	21,344	939	939	630	1569
		Minor works			27,000	16,693	7273	23,9[illegible]
		Repairs			310465	3,10,465	2,010	3,12,4[illegible]5
							9903	

PROPOSED REDUCTION.

Head of Service.	Item No. of Budget.	Works.	Amount of Estimate.	Outlay to end of previous year.	Original Grant for current year.	Existing Grant for current year.	Proposed Reduction.	Amount at which Grant for Work will stand after reduction.
		Imperial Military Original Works						
	2.	New barracks for Royal Artillery at St. Thomas Mount	146,910	119,660	27,073	27,073	8023	19,050
	6	Fortified post at Agram, Bangalore	39,180	37,317	1880	1880	1880	
							9903	

No 1907 M.W.

Fort William
Dated 28th December 1886

Sanctioned
By order
S. J. Turner
Major
For Secy to the Govt of India

PUBLIC WORKS DEPARTMENT.

1161/43

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 8 January 1887

READ the following

Letter from the Supt. Engr. V Circle. No. 3969/J 5-11-86.

From the Govt. of India — " No. 1907 M.W. 29-12-86.

The Government of India having sanctioned the transfers of funds referred to in para 2 of G.O. No. 2939 W, dated 8th November 1886, the lump sum of Rs 7273 sanctioned for minor works is distributed as follows.

Presidency Division Rs 6000
Chingleput Division Rs 1273

2 Of the sum of Rs 2000 transferred to

to Military repairs Rs 244 are allotted to the South Arcot Division as required by the Superintending Engineer, and the balance, Rs 1756, will be held in reserve with the Government.

Sd.
7/1/87

2722 W 16.10.86
3345 C 29.9.86
1953-4 W 6.0.86
1595 W 23.6.86
202 W 25.1.86
1965 W 11.8.84

B. W. 65 W d/ 8-1-87
Soon

B Noted
8/1/87

To The Supty. Engr. V Circle
" Examiner of P. W. Accts

Dl.
8/1/87

Cw

Tel. Despd
28/3/87

Telegram (Deferred)

1161
44

To

The Govt. of India
Military Department

"Your 607 M. W 18th instant. Revised estimate for 1886-87 under Imperial Military Original Works is Rs. 1,85,200 and Repairs Rs. 3,19,200, not Rs. 1,93,900 and Rs 3,10,500 as shown in your letter. Rs. 8,700 were transferred from Original Works to Repairs vide your 1889 M. W. 22nd December, 1907 M. W 28th December and telegrams 274 M. W. 14th February and 304 M. W. 21st February. Please wire if my figures can be adopted in the final budget."

Sd.
28/3/87

Cw

1161/45

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

From the Government of India, Military Dept., dated 22nd December 1886, No. 1889 M.W.

From Major D. J. S. McLEOD, Deputy Quartermaster-General, to the Secretary to Government, Public Works Department, dated 20th December 1886, No. 4686 A.

It being understood that the Superintending Engineer of the circle has applied for funds for the execution of the work of converting the cook-house attached to the married quarters at West Hill Barracks, Calicut, into a bakery, the estimate for which was sanctioned in O.G., Public Works Department, No. 2740 W., dated 16th November 1885, I am desired to state that the Commander-in-Chief considers the necessity for this work to be urgent, and therefore hopes that it may be found possible to provide funds for its early execution.

No. 8035, Military.

Forwarded.

FORT ST. GEORGE, 28th December 1886. (Signed) A. R. KENNEY-HERBERT, Lieut.-Col., Secretary to Government.

ORDER—dated 8th January 1887, No. 52 W., Public Works.

The Government of India having sanctioned the tranfers of funds referred to in paragraph 7 of G.O., No. 2920 W., dated 5th November 1886, the lump sum of Rs. 4,600 provided for minor works is distributed as follows :—

		Rs.
1.	Constructing a slaughter-house and a hanging shed at the West Hill Barracks, Calicut	1,699
2.	Deepening a well in the cholera camping ground at Malapuram ...	410
3.	Improving the well below the married quarters at the West Hill Barracks, Calicut	100
4.	Alterations to the present Canteen at Wellington	160
5.	Improvements to the hay-shed attached to the farm stables at the Remount Depôt, Matigiri	960
6.	Improvements to the Rest-house at Pódanúr	261
7.	Converting into a bakery the cook-house at the West Hill Barracks, Calicut	1,010
	Total ...	4,600

2. The sum of Rs. 1,200, transferred to Military Repairs, will be allotted to the Coimbatore division as requested by the Superintending Engineer.

(True Extract.)

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

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

Exd. P. L. Pereira.
Spare Copies

1161/46

GENERAL.
ACCOUNT.

Govt. of {1887} Madras.

PUBLIC WORKS.

Dated January, 8th.

Recd. *Encl.*

G.O., 8th Jan. 1887, No. 52 W.

JANUARY.

Funds

A sum of Rs. 4,600 distributed among Military Minor Works and Rs. 1,200 allotted to the Coimbatore division under Imperial Military Repairs.

1161/47

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Cochin, 29th January 1887, No. 39 E.W.:—

I have the honor to submit, in continuation of my letter, No. 25 E.W., of 21st instant, supplemental statements of savings and demands, and request you will be good enough to wire your sanction to the proposed re-arrangement of funds.

ORDER—dated 7th February 1887, No. 338 W., Public Works.

The following sums surrendered by the Superintending Engineer, IV Circle, are resumed and credited to the Provincial reserve with the Government:—

		Rs.
(1)	Additions and improvements to the Government house at Ootacamund	4,200
(2)	Extending the organ chamber, St. Stephen's Church, Ootacamund	680
(3)	Constructing a combined Bench Magistrate's court and third-class police station at Kótagiri	1,000
(4)	Constructing an exercise-yard for European convicts in the Ootacamund jail	318
(5)	Rebuilding a portion of the District Munsif's court at Námakal	500
(6)	Providing lightning conductors to St. Stephen's Church, Ootacamund	1,550
(7)	Providing lightning conductors to place of arms on Mountstuart, at Ootacamund	720
(8)	Providing lightning conductors to Mountstuart buildings at Ootacamund	1,350
(9)	Providing lightning conductors to Government offices, Stonehouse, at Ootacamund	1,850
(10)	Providing lightning conductors to Council Chamber, Stonehouse, at Ootacamund	730
(11)	Converting Police Inspector's house at Gúdalúr into eight police huts	150
(12)	Minor works, Civil buildings, Nílgiri division	1,000
(13)	Constructing an Overseer's shed with out-houses at Cherambádi	3,020
(14)	Fencing the Ootacamund lake and Willow bund with barbed wire	1,000
(15)	Improving the water-supply, Ootacamund	5,000
(16)	Bazaar drainage scheme, Ootacamund	1,146
(17)	Repairs, Miscellaneous Public improvements, Nílgiri division	500
(18)	Tools and plant, Nílgiri division	2,000
	Total ..	26,714

2. The following appropriations are made from the Provincial reserve :—

		Rs.
(1)	Improvements to the Executive Engineer's office, Ootacamund.	655
(2)	Constructing a Sub-registrar's office at Udipi	1,200
(3)	Do. do. do. at Putur	1,000
(4)	Repairs, Communications, Nilgiri division	100
(5)	Minor works, Miscellaneous Public improvements, Nilgiri division	200
	Total ...	3,155

3. A sum of Rs. 3,000 was provided in G.O., No. 307 W., dated 5th February 1887, for the construction of a Roman Catholic Church at Wellington.

4. No appropriation can be made for additions and improvements to the office of the Superintendent of Police at Malapuram until plans and estimate have been sanctioned.

5. The following transfers of funds under Imperial, Military, are sanctioned, pending the approval of the Government of India :—

From	Rs.	*To*	Rs.
Constructing a bakery at Wellington.	1,000	Military Minor Works, Nilgiri division	543
Military Repairs, Nilgiri division ...	503	Improving the old jailor's quarters at Calicut to fit them as quarters for the Sergeant Instructor of the Malabar Volunteer Rifles ...	960
Total ...	1,503	Total ...	1,503

6. A sum of Rs. 497 is transferred to the West Coast division from the grant for the Nilgiri division under Military Repairs.

7. The sum of Rs. 35, surrendered from the grant to the Nilgiri division under Postal Repairs, is resumed and held in reserve.

8. As the Minor Works grant under Postal is at the disposal of the Director-General of Post Offices, the Superintending Engineer will apply to that officer for the amount required for the Nilgiri division.

9. The following deferred telegram will be sent to the Superintending Engineer, IV Circle :—

"Your 39 E.W., of 29th ultimo. Transfers of funds sanctioned, except office of Superintendent of Police, Malapuram, and Minor Works, Postal, Nilgiri."

10. The following deferred telegram will be sent to the Government of India, Military Department :—

"Please wire sanction to transfer to Military Minor Works Rs. 1,000 from Major Original Works, and Rs. 503 from Repairs."

(True Extract.)

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

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.
" Ecclesiastical Department.
" Judicial "
" Public "
" Military "

Exd. P. L. Pereira.
Spare Copies

1161/48

GENERAL.
ACCOUNT.

Govt. of 1887 Madras.

PUBLIC WORKS.

Dated February, 7th.

Recd. *Encl.*

G.O., 7th Feb. 1887, No. 338 W.

FEBRUARY.

Funds

Orders on an application from the Superintending Engineer, IV Circle, for modifications of allotments under Imperial and Provincial.

FC
58

INDIAN TELEGRAPH. Local No.

Madras — Calcutta 05159

Words	Day	Hour	Minute	
27/11	14	20	35	Gefd

116/49

Madras Works — Military

274 M W yours 7 transfer to minor works rupees 1000 from major original works and rupees 503 from repairs sanctioned -

Recd. from ... At ... Hrs. ... L. N. ... Mts., By ... Sent to ... At ... Hrs. ... L. N. ... Mts., By

Date

Telegraph Master.

MADRAS 15-2-87

338 W 7.2.87

R. 15.2.87

No. 428 W. 1/ 15 Feby

Communicated to the Supdg. Engineer IV circle & the Exr. of P.W. Accts with reference to para 5 of G.O. No. 338 W. 7 Feby 1887

15.2.87

S.E. IV circle

Exr. P.W. Accts

FINAL ISSUE.

IMPERIAL.
MILITARY WORKS.

MADRAS.

1161/50

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1887-88.

CHEPÂK,
28th April 1887.

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

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Appendix to above—	
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IMPERIAL.
MILITARY WORKS.

MADRAS.

REVENUE.

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT FOR MILITARY WORKS IN MADRAS FROM 1st APRIL 1887 TO 31st MARCH 1888.

——	Budget-Estimate, 1887-88.	Revised Estimate, 1886-87.	Budget-Estimate, 1886-87.	Actuals, 1885-86.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	25,000	16,000	30,000	25,881
In Civil and Military Departments	...	...	...	...
Total ...	25,000	16,000	30,000	25,881

CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT FOR MILITARY WORKS IN MADRAS FOR THE YEAR FROM 1st APRIL 1887 TO 31st MARCH 1888.

——	Reference to Detailed Estimate.	Budget-Estimate, 1887-88.	Revised Estimate, 1886-87.	Budget-Estimate, 1886-87.	Actuals, 1885-86.
		Rs.	Rs.	Rs.	Rs.
Original Works. { In progress ...	...	41,060	1,85,200	2,08,035	1,85,232
Original Works. { Not commenced.	...	1,01,540			
Repairs ... { Ordinary ...	...	3,00,000	3,17,700	3,10,465	1,73,187
Repairs ... { Special ...	...	...			
Establishment	...	1,03,000	1,17,500	1,20,700	83,263
Tools and Plant	...	4,400	5,000	5,200	3,563
Suspense Account	...	...	...	...	...
Total ...	...	5,50,000	6,25,400	6,44,400	4,45,245

IMPERIAL.
MILITARY WORKS.

MADRAS.

1161
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ABSTRACT OF THE CHARGES TO BE INCURRED BY THE PUBLIC WORKS DEPARTMENT FROM IMPERIAL FUNDS AND CONTRIBUTIONS IN BOTH INDIA AND ENGLAND.

——	Budget-Estimate, 1887-88. Original Works. In progress.	Not commenced.	Total.	Repairs.	Establishment.	Tools and Plant.	Suspense Account.	Barrack Department.	Total.	Revised Estimate, 1886-87.	Budget-Estimate, 1886-87.	Actuals, 1885-86.
Provision from Imperial Funds.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
In India ...	41,060	1,01,540	1,42,600	3,00,000	1,03,000	4,400	...	...	5,50,000	6,25,400	6,44,400	4,45,245
In England.	...	...	...	...	...	...	...	...	...	—2,000	...	— 236
Total ..	41,060	1,01,540	1,42,600	3,00,000	1,03,000	4,400	...	...	5,50,000	6,23,400	6,44,400	4,45,009
Provision from Contributions.												
In India ...	...	...	...	...	...	...	...	...	...	...	...	— 72
Grand Total	41,060	1,01,540	1,42,600	3,00,000	1,03,000	4,400	...	...	5,50,000	6,23,400	6,44,400	4,45,081

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

——	Budget-Estimate, 1887-88. Original Works. In progress.	Not commenced.	Total.	Tools and Plant.	Suspense Account.	Total.	Revised Estimate, 1886-87.	Budget-Estimate, 1886-87.	Actuals, 1885-86.
							Rs.		Rs.
	...	...	...	...	...	...	2,000	...	236
Total ...	...	...	...	...	...	...	2,000	...	236

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 in the plains. Permanent.	West Coast.	Malapuram ...	1	Barracks for a detachment of British Infantry to accommodate 50 additional men.	1,65,80?
Accommodation for Native troops.	Presidency.	Bangalore ...	2	Public buildings for a regiment of Native infantry.	21,636
	Trichinopoly.	Trichinopoly.	3	Construction of stone drains required for new lines.	...
				Total ...	...

I.

ORIGINAL WORKS FOR THE YEAR 1887-88.

WORKS.

1161/53

Outlay.		Grant, 1887-88.			Item No.	Remarks and References.
Actual to end of 1885-86.	Probable during 1886-87.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
1,14,981	8,315	11,000	...	11,000	1	G.O., No. 2205 W., dated 13th September 1886; No. 560 W., dated 24th February 1887. Item No. 1, class A works, budget of 1886-87. Supplemental estimate for Rs. 38,940 forwarded to the Government of India for sanction.
...	15,000	6,636	...		2	G.O., No. 2052 W., dated 29th November 1884. Item No. 11, class B works, budget of 1886-87.
...	1,000	5,140	...	11,776	3	Estimate is awaited. Item No. 13, class B works, budget of 1886-87.
...	...	22,776	...	22,776		

IMPERIAL.
MILITARY WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS I

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 in the plains. Permanent.	Bellary ...	Bellary ...	1	Collar maker and wheeler's shop, Royal Artillery.	5,663
	Nilgiri ...	Wellington ...	2	Quarters for three Apothecaries ...	...
	Do. ...	Do. ...	3	Quarters for a Barrack Serjeant ...	7,348
	Presidency.	Fort St. George	4	Converting a racquet court into a covered gymnasium.	11,890
	Chingleput.	St. Thomas' Mount.	5	Removing and reconstructing 11 cook houses attached to P/1st, and Q/1st, Royal Artillery.	2,970
Accommodation for Native troops.	Presidency.	Bangalore ...	6	Public buildings for a regiment of Native cavalry.	30,990
	Do. ...	Do. ...	7	Store rooms and workshops for the Pioneer regiment.	4,740
(2) *Ordnance Works* ...	Bellary ...	Bellary ...	8	Twelve Staff Sergeants' quarters, Ordnance Department.	...
	Presidency.	Fort St. George.	9	Adapting the existing magazine for storage of powder for Fort armament.	...
	Do. ...	Madras ...	10	Coal store, Ordnance Department.	...
(3) *Fortifications* ...	North Arcot.	Vellore ..	11	Draw bridge and gate for the Fort	6,450
				Minor Works and Reserve ...	...
				Total ...	...
				Grand Total ...	...

I—*cont.*

ORIGINAL WORKS FOR THE YEAR 1887-88.

WORKS.

1161/54

Outlay.		Grant, 1887-88.			Item No.	Remarks and References.
Actual to end of 1885-86.	Probable during 1886-87.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	1,084	4,579	...		1	G.O., No. 914 W., dated 3rd April 1884. Item No. 3, class C works, budget of 1886-87.
...	...	...	16,000		2	Estimate is awaited.
...	3,213	4,135	...		3	G.O., No. 1941 W., dated 21st August 1885.
2,040	280	9,670	...		4	G.O., No. 1552 W., dated 20th June 1884. Item No. 17, class C works, budget of 1886-87.
...	...	...	2,970	37,254	5	G.O., No. 1111 W., dated 23rd April 1887.
...	...	...	10,000		6	G.O., No. 1302 W., dated 25th May 1886. Item No. 36, class C works, budget of 1886-87.
...	...	...	3,000	13,000	7	G.O., No. 534 W., dated 24th February 1887. Item No. 35, class C works, budget of 1886-87.
...	...	...	10,000		8	Estimate is awaited.
...	...	...	17,000		9	Do. do.
...	...	...	9,000	36,000	10	Do. do.
..	...	...	3,583	3,583	11	G.O., No. 528 W., dated 7th March 1885. Item No. 54, class C works, budget of 1886-87.
...	...	...	29,987	29,987		
..	...	18,284	1,01,540	1,19,824		
...	...	...	...	1,42,600		

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1887-88, BUT ON CLASS B

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 in the plains. Permanent.	Bellary ...	Bellary ...	1	Armourer's shop, 2nd Light Cavalry.	2,695
	Do. ...	Do. ...	2	A new gun-shed, Royal Artillery.	...
	Do. ...	Do. ...	3	Swimming-bath, British infantry.	7,644
	Do. ...	Do. ...	4	Infectious disease ward and cook-house, Station hospital.	6,140
	Do. ...	Do. ...	5	Alterations and additions to Military prison and adjoining buildings.	...
	Do. ...	Do ...	6	Armourer's shop for the Arsenal...	...
	Nilgiri ...	Wellington ...	7	Gymnasium	...
	Do. ...	Do. ...	8	Constructing a new Lock hospital.	...
	Do. ...	Do. ...	9	Accommodation for a mountain battery.	...
	West Coast.	Calicut ...	10	Providing barrack accommodation for 100 men.	...
	Do. ...	Cannanore ...	11	Plunge-bath for European Infantry barracks.	4,640
	Do. ...	Do. ..	12	Improving latrines for European Infantry barracks.	2,780
	Do. ...	Do. ...	13	Improving the roof of regimental guard room, European Infantry barracks.	...
	Presidency.	Fort St. George.	14	Remodelling drainage	...
	Do. ...	Madras ...	15	Constructing coach-houses and stables on the esplanade in front of the Body Guard lines for use of officers in Fort St. George.	...
	Do. ...	Bangalore ...	16	Constructing V drains round the single men's blocks.	...
	Do. ...	Do. ...	17	Quarters for schoolmaster and schoolmistress.	10,240

B.

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

Outlay.		Amount applied for 1887-88.			Item No.	Remarks and References.
Actual to end of 1885-86.	Probable during 1886-87.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	2,695		1	G.O., No. 2266 W., dated 14th September 1881. Item No. 6, class C works, budget of 1886-87.
...	...	...	3,970		2	Estimate is awaited.
...	...	...	7,644		3	G.O., No. 2434 W., dated 19th October 1885. Item No. 4, class C works, budget of 1886-87.
...	...	...	6,140		4	G.O., No. 320 W., dated 7th February 1884. Item No. 5, class C works, budget of 1886-87.
...	...	...	11,260		5	Estimate is awaited. Item No. 2, class C works, budget of 1886-87.
...	...	...	4,650		6	Estimate is awaited.
...	...	...	10,000		7	Estimate is awaited. Item No. 7, class C works, budget of 1886-87.
...	...	...	4,180		8	Estimate is awaited. Item No. 9, class C works, budget of 1886-87.
...	...	...	10,000		9	Estimate is awaited.
...	...	...	...		10	Estimate is awaited. Amount not shown by the Military Department.
7	...	...	4,633		11	G.O., No. 418, dated 16th February 1876. Item No. 11, class C works, budget of 1886-87.
...	...	...	2,780		12	G.O., No. 1056 W., dated 4th April 1879. Item No. 12, class C works, budget of 1886-87.
...	...	...	5,060		13	Estimate is awaited.
...	...	...	10,000		14	Estimate is awaited. Item No. 13, class C works, budget of 1886-87.
...	...	...	15,770		15	Estimate is awaited.
...	...	...	7,830		16	Do. do.
...	...	...	10,240		17	G.O., No. 2384 W., dated 20th September 1886. Item No. 19, class C works, budget of 1886-87.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1887-88, BUT ON CLASS B

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				IMPERIAL ORDINARY—*cont.*	
				MILITARY—*cont.*	
				Original Works—cont.	
(1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Presidency.	Bangalore ...	18	New orderly room for 12th Lancers, or conversion of Quartermaster's stores into orderly room and stores.	...
	Do. ...	Do. ...	19	Quarters for Senior Apothecary, North Station hospital.	5,300
	Do. ...	Do. ...	20	Quarters for the Assistant Apothecary, North Station hospital.	4,773
	Chingleput.	St. Thomas' Mount.	21	A wheeler and collar maker's shop, West barracks.	5,660
	Do. ...	Do. ...	22	Sergeants' Mess for East barracks.	...
	Do. ...	Do. ...	23	General improvements to the drains of the cantonment.	...
	Do. ...	Do. ...	24	Quarters for three Medical Subordinates, Station hospital.	...
	Do. ...	Do. ...	25	Quarters for head-quarter's staff, Royal Artillery.	...
	Do. ...	Do. ...	26	Battery office for P/1st Royal Artillery.	...
	Do. ...	Do. ...	27	Raising the roof of harness rooms, troop lines.	4,200
	Do. ...	Do. ...	28	Wooden shed at the proof range ...	2,820
	Do. ...	Do. ...	29	Converting the disused gun shed between the North barracks and the main guard into a coffee shop, recreation room, and library.	2,520
	Do. ...	Pallávaram ...	30	One mortuary room for each of the three hospitals, Nos. 1 to 3.	...
	Do. ...	Poonamallee.	31	Improvements to the old barracks with possibility of obviating construction of the new.	...
	Do. ...	Do. ...	32	Warrant officers' quarters ...	...
	Do. ...	Do. ...	33	Two Staff Sergeants' quarters, first class.	...
	Do. ...	Do. ...	34	Coffee shop	...

B—*cont.*

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

Outlay.		Amount applied for 1887-88.			Item No.	Remarks and References.
Actual to end of 1885-86.	Probable during 1886-87.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	6,500		18	Estimate is awaited.
...	...	...	5,300		19	G.O., No. 3385 W., dated 27th November 1883. Item No. 20, class C works, budget of 1886-87.
...	...	...	4,773		20	G.O., No. 938 W., dated 5th April 1884. Item No. 21, class C works, budget of 1886-87.
...	...	...	5,660		21	G.O., No. 2717 W., dated 3rd November 1884. Item No. 24, class C works, budget of 1886-87.
...	...	...	6,000		22	Estimate is awaited.
...	...	...	10,000		23	Do. do.
...	...	...	8,000		24	Do. do.
...	...	...	12,000		25	Do. do.
...	...	...	5,000		26	Do. do.
...	...	...	4,200		27	G.O., No. 3137 W., dated 17th December 1881. Item No. 25, class C works, budget of 1886-87.
...	...	...	2,820		28	G.O., No. 3077 W., dated 13th December 1884. Item No. 26, class C works, budget of 1886-87.
...	...	...	2,520		29	G.O., No. 1234 W., dated 28th May 1885. Item No. 27, class C works, budget of 1886-87.
...	...	...	3,000		30	Estimate is awaited. Item No. 28, class C works, budget of 1886-87.
...	...	..	5,000		31	Estimate is awaited.
...	...	...	3,500		32	Do. do.
...	...	...	6,000		33	Do. do.
...	...	...	9,000		34	Do. do.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1887-88, BUT ON CLASS B

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECTS AND WORKS.	AMOUNT OF ESTIMATE.
					Rs.
				IMPERIAL ORDINARY—*cont.*	
				MILITARY—*cont.*	
				Original Works—cont.	
(1) *Accommodation for troops*—Buildings for Native troops.	Vizagapatam.	Vizianagrum.	35	Regimental store room for Native infantry, including storage for camp equipage	3,480
	Bellary ...	Bellary ...	36	School-house for the Native Infantry regiment.	3,030
	West Coast.	Quilon ...	37	Sepoy lines	...
	Do. ...	Mangalore ...	38	Providing drains for the lines of the Native infantry.	...
	Presidency.	Madras ..	39	Constructing four latrines, two for males and two for females for Native Infantry lines at Perambúr.	...
	Do. ...	Do. ...	40	Flushing drains for Native Infantry lines at Ráyapuram.	4,300
	Chingleput.	Pallávaram ...	41	Magazine for a Madras Infantry regiment.	4,900
	Do. ...	Do. ...	42	Armourer's shop for a Madras Infantry regiment.	2,880
	Trichinopoly.	Trichinopoly.	43	Workshops for a Pioneer regiment.	...
(2) *Ordnance Works.*	Presidency.	Madras ...	44	Compound wall round the Gunpowder Factory.	...
	Do. ...	Do. ..	45	Extra accommodation as store-rooms in the Gunpowder Factory.	...
(3) *Commissariat Buildings.*	West Coast.	Calicut ...	46	Mule and cattle shed ...	...
	Presidency.	Bangalore ..	47	Quarters for a Conductor, Transport Department.	5,800
	Do. ...	Do. ...	48	Quarters for Ambulance Sergeant, near Cattle lines, Transport Department.	...
	Do. ...	Madras ...	49	Lines for transport attendants ...	...
	Do. ..	Do. ...	50	Workshops and sheds for carts, doolies, &c., Transport Department.	...
	Do. ..	Do. ...	51	Construction of a shed at the Camp Equipage Depôt.	...

B—*cont.*

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

OUTLAY.		AMOUNT APPLIED FOR 1887-88.			ITEM No.	REMARKS AND REFERENCES.
Actual to end of 1885-86.	Probable during 1886-87.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	3,480		35	G.O., No. 2628 W., dated 27th October 1884. Item No. 32, class C works, budget of 1886-87.
...	...	...	3,030		36	G.O., No. 149 W., dated 17th January 1884. Item No. 33, class C works, budget of 1886-87.
...	...	...	20,000		37	Estimate is awaited.
...	...	...	6,030		38	Do. do.
...	...	...	3,000		39	Do. do.
...	...	...	4,300		40	G.O., No. 1397 W., dated 4th June 1884. Item No. 34, class C works, budget of 1886-87.
...	...	...	4,500		41	G.O., No. 334 W., dated 8th February 1886. Item No. 38, class C works, budget of 1886-87.
...	...	...	2,880		42	G.O., No. 3149 W., dated 22nd December 1884. Item No. 29, class C works, budget of 1886-87.
...	...	...	8,000		43	Estimate is awaited.
...	...	...	20,200		44	Estimate is awaited. Item No. 39, class C works, budget of 1886-87.
...	...	...	6,000		45	Estimate is awaited. Item No. 40, class C works, budget of 1886-87.
...	...	...	4,000		46	Estimate is awaited.
...	...	...	5,800		47	G.O., No. 992 W., dated 16th April 1886. Item No. 51, class C works, budget of 1886-87.
...	...	...	3,000		48	Estimate is awaited.
...	...	...	48,000		49	Estimate is awaited. Item No. 49, class C works, budget of 1886-87.
...	...	...	5,500		50	Estimate is awaited. Item No. 50, class C works, budget of 1886-87.
...	...	...	5,300		51	Estimate is awaited. Item No. 48, class C works, budget of 1886-87.
...	...	...	...	...		

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1887-88, BUT ON WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM CLASS B WORKS—*concld.*

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				IMPERIAL ORDINARY—*concld.*	
				Military—*concld.*	
				Original Works—concld.	
(3) *Commissariat Buildings.*	Presidency.	Teynampet ...	52	Construction of a wheat godown ...	...
	Chingleput.	Guindy ...	53	Quarters for station butchers attached to slaughter-house.	...
(4) *Staff and Miscellaneous.*	Nilgiri ...	Ootacamund.	54	Water-supply, Lawrence Asylum.	...
(8) *Fortifications* ...	West Coast.	Malapuram ...	55	Constructing fortifications ...	...
	Presidency.	Fort St. George	56	Facing the *en ceinte* of Fort St. George with Portland cement.	...
	Do. ...	Do. ...	57	Demolition of Wallajah ravelin and two lunettes.	...
	Do. ...	Do. ...	58	Constructing a draw-bridge to North Gate.	...
				Total ...	

B—*concld.*

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

Outlay.		Amount applied for 1887-88.			Item No.	Remarks and References.
Actual to end of 1885-86.	Probable during 1886-87.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	5,950	...	52	Estimate is awaited. Item No. 46, class C works, budget of 1886-87.
...	...	...	4,730	...	53	Estimate is awaited. Item No. 52, class C works, budget of 1886-87.
...	...	...	7,000	...	54	Estimate is awaited. Item No. 55, class C works, budget of 1886-87.
...	...	...	8,000	...	55	Estimate is awaited.
...	...	...	5,000	...	56	Do. do.
...	...	...	7,426	...	57	Estimate is awaited. Item No. 53, class C works, budget of 1886-87.
...	...	...	2,680	...	58	Estimate is awaited.

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58

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 the subject.

GOVERNMENT OF INDIA.

MILITARY DEPARTMENT.

Extract from the Proceedings of the Government of India, Military Department,—(No. 607 M-W, dated Fort William, the 18th March 1887.)

MADRAS.

Orders on Military Works budget estimate for 1887-88, and revised estimate for 1886-87.

READ—

Military Department Resolution No. 1672-M-W, dated the 1st November 1886.

Letter No. 3327-W, dated the 17th December 1886, from Government of Madras.

RESOLUTION.—The estimates of revenue are accepted for the sums entered in the subjoined table—

REVENUE.

	Budget Estimate, 1887-88.	Revised Estimate, 1886-87.	Budget Estimate, 1886-87.	Actuals, 1885-86.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	25,000	16,000	30,000	25,881
Total ...	25,000	16,000	30,000	25,881

EXPENDITURE.

Budget Estimate, 1887-88.

2. The estimate has been prepared for the grant of Rs. 5,50,000 sanctioned in Military Department Resolution No. 1672-M-W, dated 1st November 1886; with reference to para. 2 of the letter from the Government of Madras quoted in the preamble, the Government of India regret being unable to provide a larger allotment.

3. The details of Part I of the estimate are passed, subject to the following remarks:—

i. *Class A works.—Item 1, barracks for 50 additional men and canteen at Malapuram.* It has been found desirable to allot only Rs. 11,000 for this work, until it is known what the supplemental estimate includes, what it amounts to, and what prospect there is of the work being vigorously prosecuted. The balance of the grant may be held in reserve by the Madras Government for the present.

ii. *Class B works.*—It is noticed that estimates for items Nos. 2, 6, 7, 8 and 9 have not been prepared and sanctioned. The provision made for items 2 and 6 of the budget seems too high, but the allotments are admitted on the condition that no excess is permitted to take place.

iii. The remaining three items are Ordnance works, but were not brought forward by the Director-General of Ordnance in his schedule of requirements for 1887-88, and the Government of India has no means of judging whether the works proposed will be completed for the sums entered in the budget estimate. The allotments aggregating Rs. 36,000 are passed provisionally subject to redistribution in communication with the Inspector-General of Ordnance, who should obtain the concurrence of the Director-General of Ordnance to any proposals he may recommend to the Madras Government. The final distribution of the allotment of Rs. 36,000 to works or special repairs, or to both, should be communicated to the Government of India.

Revised estimate for 1886-87.

4. The revised estimate has been passed for the amount of the existing grant, Rs. 6,23,400.

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

	Budget Estimate, 1887-88.	Revised Estimate, 1886-87.	Budget Estimate, 1886-87.	Actuals, 1885-86.
	Rs.	Rs.	Rs.	Rs.
Original works { In progress ...	50,900	1,93,900	2,08,035	1,85,232
Original works { Not commenced ...	91,700			
Repairs	3,00,000	3,10,500	3,10,465	1,73,187
Total works and repairs ...	4,42,600	5,04,400	5,18,500	3,58,419
Establishment	1,03,000	1,17,500	1,20,700	83,263
Tools and plant	4,400	5,000	5,200	3,563
	5,50,000	6,26,900	6,44,400	4,45,245
DEDUCT—Excess amount included for expenditure in England in revised estimate.	.....	1,500	.....	.....
	5,50,000	6,25,400	6,44,400	4,45,245
DEDUCT—Expenditure in England ...	.....	*2,000	.....	236
Net Indian outlay ...	5,50,000	6,23,400	6,44,400	4,45,009

* Reduced to Rs. 2,000 to accord with latest advices received from the Secretary of State.

6. The authority herewith given to incur expenditure within the limits shewn in the foregoing table is subject to the condition of a strict adherence to the rules in force regarding the financial regularity of departmental work.

ORDER.—Ordered, that this resolution be communicated to the Government of Madras, for information and guidance, with the request that 45 printed copies of the budget estimate, as now passed, may be submitted so a to reach the Government of India not later than the 1st May 1887.

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

(True extract)

Offg. Secy. to the Govt. of India.

To,

The Secretary to the Govt of Madras
P. W. Department.

Bill 20 spare copies

T 123 50,000—11-5-86.

Class.	WB	Madras Railway Licensed Telegraphs.	116/61	Local No.

To (Station.)

From (Station.) Ramdroog Via Hospet

No.	Words.	Time tendered for transmission. Railway time. Day.	Hour.	Minute.
1384	54	7	7. 6	A 40 am

Urgent T. at Bellary.

To (Person) Chief engineer P. W. Dept. Madras

From (Person) Supdt Engineer

Your memorandum 1233 C. dated 30th march Collar maker and wheelers shop amount spent during 86 87 1084 balance of estimate 1549 required for 87 88 x

x Put up for Cu 2687 with [illegible]

Received From

At Hrs. Mts. on the

By

Date

Senders Signature.

Sent To

At Hrs. Mts. on the

By

[signature]

Signaller in Charge.

[initials]

FC

INDIAN TELEGRAPH.

02594

DS

Madras Simla 116

Words. 40/5 Day. 7. Hour. 19. Minute. 45 Recd

From (Station) Madras Works. Milly

To (Station)

668 M W Your telegram 28 march details Under. deptl heads may be altered to accord with Sanctioned reappropriations So long as the totals are Unaffected Your figures may therefore be adopted in final budget

RECD. FROM

At Hrs. Mts. By

SENT TO

At Hrs. Mts. Br

Date

Telegraph Master.

MADRAS 8-4-87

Superintending Engineer's Office,

No. 29 Ramandroog 3rd Circle
~~Bellary~~ 6th April 1887.

From, Colonel H. M. Vibart R.E.,
~~THE~~ SUPERINTENDING ENGINEER,
IIIrd CIRCLE.

116/63

To,
THE Chief Engineer
P.W. Department
Madras

Sir,

Enclosures.

With reference to your Memorandum No. 1233C dated 30th March 1887, I have the honor to report that an Amount of Rs 1084, has been spent on Collar Maker and wheeler's shop Royal Artillery Bellary during 1886-87 and an allotment of Rs 4579 being the balance of Estimate will be required for 1887-88.

I have the honor to be
Sir
Your most obdt Servant
H. M. Vibart Col R.E.,
Superintending Engineer
3rd Circle

H

being due probably to the late date that the work was put in hand, and unexpected delays in finally adopting a site. The balance of the estimate Rs 4135 will therefore be required in this official year.

3. The Government of India Resolution No 607 M. W. dated 18th March 1887, mentioned in para 2 of your Memo as enclosed, has not been received.

I have the honor to be
Sir
Your Most obt Servant

E. Beatty - Colonel RE
Supty: Engineer IV Circle

1161/65

P.W.C. № 26861

(41)

From

COLONEL J. BEATTY R. E.,
SUPERINTENDING ENGINEER,
FOURTH CIRCLE.

Dated. 2nd April 1887.
Recd: 4-4-87

No. 163
320

ENCLO:

New Barracks at Mallapuram & Barrack Sergeants' Quarters Wellington -

Stating that Rs 20,000 on the former & Rs 4135 on the latter could be spent in current official year -

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS,
Chepāk, 2nd April 1887.

No. 25

From Col W. H. Burton R.E.
THE SUPERINTENDING ENGINEER,
V CIRCLE,

1161
66

To
THE Chief Engineer
P.W. Department

Enclosures.

SIR,

With reference to your Memo № 1233/C dated 30th March 1887, I have the honor to report that the Work houses of Parade Barracks has been sanctioned during 1886-7 & that no funds are required during 1887-88

In the work of converting Jail Court into Council Gymnasium Rs 230 were spent against the grant for 1886-7 & that Rs 9670 are required for completion of the work during 1887/88.

Amount of the Estimate sanctioned Rs 11,890
Expenditure up to the end of 1886-87. 2320
Amount required for 1887-88 9570

I have the honor to be
Sir,
Your most Obt. Servt.

W H Burton Col R.E.
Supdg Engineer 5th Circle

PWC № 2681

From

THE SUPERINTENDING ENGINEER,

V CIRCLE,

(4).

To

THE Chief Engineer

P.W. Department.

Dated 2d } April 1887.

Recd. 4.4.87

ENCLOSURES.

P.W.C. 2686

No. 25.

Wash House to Parade Barracks

Reports that no funds are required for 1887-88 for improvements to — and that Rs 9570 are required for 1887-88 for the Covered Gymnasium —

№ 11604 W

1 A R

M. G. wrote

PUBLIC WORKS DEPARTMENT.

1161/67

A

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 28th April 1887

READ the following

From the Govt. of India, Military Department. H. E. No. 607 M.W. d/18th March 1887
Telegram from — do — d/7th April 1887
Telegram from the Supty. Engr. III Circle dated 7th April 1887
Letter from the Supty. Engr. III Circle. H. E. No. 29 d/6th April 1887
— do — IV Circle. H. E. No. 163 E.W. d/2nd April 1887
— do — V Circle. H. E. No. 25 d/2nd April 1887.

Ordered that the final issue of the Imperial Military Works budget for 1887-88 prepared for Rs. 5,50,000, being the amount adopted by the Govt. of India in their resolution read at the head of these Proceedings, be printed and 45* copies forwarded to the Govt. of India.

* To Simla	20
" Calcutta	25
	45

2. Provision to the extent fixed by the Govt. of India has been made for the barracks for 50 additional men ~~But a~~ ~~and canteen~~ at Malapuram. A supplemental estimate amounting to Rs. 38,940 was forwarded for ~~their~~ the sanction of that Govt. with endorsement No. 1004 W dated 4th April 1887, and it has been ascertained that if the estimate be ~~soon~~ sanctioned at an early date there

there will be no difficulty in spending the whole of the proposed grant, Rs 20,000, before the close of the official year. The Govt. of India will, therefore, be requested to reallot the sum of Rs 9,000 withheld from the proposed grant for the work.

3. The attention of the Supdg. Engr., IV Circle, will be drawn to the remarks of the Govt. of India on item No: 2, Class B. Works, and with reference to the remark against item No: 7, "Store rooms and workshop for the Pioneer regiment at ~~Bellary~~[+]", the Supdg. Engr., ~~III~~ V Circle, will report if the estimate of Rs 4,740 already sanctioned for the work, vide G. O. No: 534 W. dated 24th February 1887, can be reduced to the amount of the budget grant.

[+] Bangalore
Vide G. Ons 1425 W d/25-5-87

4. The works detailed in the margin[x] for which the Govt. of India have sanctioned allotments provisionally only, were considered[x] urgent by His Excellency the Commander-in-Chief. The Quartermaster General will be requested to communicate with the Inspector General of Ordnance and report, with reference to the remark III, para 3, of the Govt. of India Resolution above quoted, ~~to enable~~ in order that the allotments for ~~the ...~~ the works named may be redistributed, if necessary, as directed by the Govt. of India.

(1) Twelve staff sergeants' quarters, Bellary
(2) Adapting the existing magazine at the Fort Saint George for the storage of powder for the Fort armament
(3) Coal store, Ordnance Department, Ma[dras]

[x] G. O. No: 2497 W d/ 25th September 1886
" " 3326 W d/ 17th December 1886

5. The modifications of grants necessary to meet the increased rate of contribution to Provincial on account of Tools and Plant sanctioned by the Govt. of India, vide G. O. No: 881 W. dated 23rd March 1887, will be made in separate Proceedings.

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5. ~~The~~ Supdg. Engineers concerned will submit without loss of time plans and estimates for the unsanctioned works for which funds have been provided ~~during the year~~ in the budget.

6. The amounts held at the disposal of the Govt for repairs and minor original works will as usual be distributed on receipt of detailed proposals from Superintending Engineers ~~under~~ in accordance with para 1322 of the P. W. Code; and the balance of the minor original works grant, after providing for incomplete works of ~~the~~ last year and for such of the minor new works as ~~are~~ may be considered urgent, will be placed at the disposal of the Officers Commanding Divisions and Districts.

7. The revised estimate of charges for 1886-87, as shown in the preliminary issue, has been altered to Rs. 6,23,400 to agree with the total amount shown in the table embodied in paragraph 5 of the resolution of the Govt. of India above recorded.

H. E. No: 1161 W d/ 28 April 1887

To
Superintending Engineers
The Examiner of P. W. Accounts
" Military Department
" Financial Department

Forwarded.

[illegible] 22.4.87 [illegible] 22.4.87 [illegible] 25.4.87 [illegible] 25/4/87

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Govt. of (India) Madras

PUBLIC WORKS

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Dated

Recd.

Encl.

G.O. 28 april 1887, No. 1160
1161

Budget Estimate

Imperial military works for 1887-88. — orders circulating the final issue of the ——

200/10

80/V

Budget Estimate

Imperial mily works for 1887-88. Copy of orders circulating the final issue of the —— forwarded to the Govt of India

28/4/87