(1) பக்கங்களின் எண்ணிக்கை 20.

(2) புதுக்கித் திருப்பிய நாள் June 90.

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

(51)

தமிழ்நாடு அரசு

P. W. D. துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	3021	அச்சகம் பலவகை
நாள் :	25-10-1889	198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

10 Sheets

ஆவண. கா-1—18,000—15-6-87.

3021

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper:—

From Brigadier-General M. PROTHEROE, C.B., C.S.I., Quartermaster-General, to the Secretary to Government, Public Works Department, dated Ootacamund, 9th September 1889, No. 2773-A.

I have the honor, by direction of the Commander-in-Chief, to forward, for submission to Government, the schedules of Military works' requirements in connection with the Imperial Military Works Budget estimate of the Public Works Department for the ensuing official year.

2. The works have been classified in the usual manner, those enumerated in class C being such major works as are required in addition to those printed in the schedule circulated with the final issue of the current year's budget, as it will stand after the works enumerated in class D have been removed from it. Similarly the list (E) will be understood to show what minor works are required in addition to those of the list at pages 7—11 of appendix to G.O. No. 3105 W. of 4th October 1888, as to will stand after the works enumerated in list F have been eliminated therefrom.

3. Only those major works have been entered in the class A list which this office has reason to believe will require allotments during the coming year, and of these the following seem to call for remarks:—

I. New Barracks at Poonamallee.—The Government of India in their Resolution recorded in Proceedings of Madras Government No. 1159 W. of 1st May 1889, considered the current year's budget allotment of Rs. 30,000 for this work inadequate. The proposed grant for the coming year has accordingly been increased to Rs. 50,000 and His Excellency trusts that the balance of the grant that will be required for the completion of the barracks will be provided in the following year.

II. Institutes of British Corps.—His Excellency hopes to be able to submit to Government, at an early date, the revised proposals called for in Public Works Department No. 1602 C. of 27th March 1889, in view to the utilization, as far as possible, of the current year's budget allotment for regimental institutions. The proposed grant of Rs. 35,000 for the coming year is to admit of a commencement being made on the new institutes it is in contemplation to construct at Wellington and St. Thomas' Mount, and which are very much required.

III. Sanitation of Native Lines.—The necessity for a yearly grant being set apart for the sanitation of Native lines is explained in the correspondence ending with my letter No. 2266-B. of 12th August 1889, recorded in Proceedings of Madras Government, Military Department, No. 6019, of 2nd September 1889, and no further comments regarding this item appear necessary.

IV. Public buildings for a Madras Cavalry Regiment, Bangalore.—His Excellency trusts that a sufficiently large grant may be set apart for this work to admit of all, or as many as possible, of the public buildings for the Madras Cavalry regiment at Bangalore being completed before the close of the ensuing official year.

4. No provision has been made in the ensuing year's budget for the new barracks at Malapuram, as it is understood that the grant set apart for the work in the Military Works budget of 1889-90 will admit of its completion during the current official year.

5. The works in class B (which have been entered in the list in their order of urgency) requiring special notice are the following:—

I. Officers' Mess-house at Wellington.—The communication quoted in the remarks column against this work will show its urgency.

II. A new Barrack for 30 men at Calicut.—The existing barracks do not contain sufficient space for the present garrison, and the extra accommodation is, therefore, very urgently required.

III. Water-supply, Wellington.—In view of the large saving to the State that would be effected by the carrying out of this work, His Excellency would recommend its early execution on these, as well as on sanitary grounds.

IV. Constructing Hut Barracks at Wellington.—The normal garrison of the station of Wellington is considerably augmented for a great portion of the year, owing to a large number of young soldiers from Secunderabad and Bangalore being sent up annually to the hills. The existing barrack accommodation is insufficient for the increased strength, and some men have, consequently, to be accommodated in tents, an arrangement which, especially during the monsoons, is considered a very undesirable one. His Excellency trusts, therefore, that it may be found possible to provide the extra accommodation required at an early date.

V. Rest-house and Camp at Guntakal.—It was hoped that funds would have been available for the execution of this important work during the current official year, but the urgency of the demands on other military works has been so pressing, that no allotment of funds for it could be secured. In view of the necessity and importance of this work, however, I am to express the hope that funds may be found for its execution, at all events during the coming official year.

6. There are many important works in the schedule of class C works which have not been included in the class B list, owing to the limit necessarily placed on the latter.

7. In conclusion, I am to suggest that, should the proposals made in para. 2 of my letter No. 2537-A., of 23rd August 1889, to the Secretary to Government, Military Department, meet with the approval of Government, the grant placed at the disposal of the Commissary-General may be for the execution of all minor works costing Rs. 2,500 and less, instead of only for works costing Rs. 500 and under, thus bringing the procedure into conformity with that now adopted in the case of the Minor Works grant placed at the disposal of General Officers Commanding Districts, which would thus be available for purely military works alone.

Office note from the Examiner, Public Works Accounts, dated 14th September 1889, No. 1322.

ORDER—dated 30th September 1889, No. 2730 W., Public Works.

Ordered that the schedule of requirements on account of Imperial Military works in the Madras Presidency for 1890-91 be forwarded to the Government of India in the Military Department.

2. The sanctioned estimate for the construction of public buildings for a Madras Cavalry regiment at Bangalore is Rs. 30,533 and the current year's budget grant for

3021

the work is Rs. 20,000. The balance of the estimate which will have to be provided for expenditure in 1890-91 will therefore be Rs. 10,533. As the Quartermaster-General reports that a sum of Rs. 20,000 should be provided to admit of all the buildings connected with the Madras Cavalry regiment at Bangalore being completed before the close of the ensuing official year, that sum has been included in the schedule. The Quartermaster-General will be requested, under the orders of His Excellency the Commander-in-Chief, to state whether any additions to the sanctioned project are under contemplation.

3. An estimate of Rs. 11,265 for the construction of sheds for 22 bullocks, 10 ambulance carts, 20 mules and 7 elephants, was sanctioned in G.O. No. 3302 W., dated 17th October 1888, but the Commissary-General having reported that the mule sheds were not necessary, the estimate was reduced by Rs. 3,010—*vide* G.O. No. 675 W., dated 8th March 1889. Funds have been provided in the current year for the completion of all the sheds excepting those for the mules. As the Quartermaster-General now proposes to allot for the next official year, the balance of the original estimate of Rs. 11,265, that officer will be requested to report whether the mule sheds are now required.

4. The Superintending Engineers concerned will lose no time in submitting plans and estimates for the unsanctioned works included in the schedule, as none of them can find place in the budget estimates for 1890-91 under plans and estimates for them have been previously sanctioned.

5. With reference to para. 7 of his letter above recorded, the Quartermaster-General will be informed that the suggestion contained in para. 2 of his letter, No. 2537-A., dated 23rd August 1889, was approved in G.O. No. 2610 W., dated 20th September 1889, and that the grant placed at the disposal of the Commissary-General will be for the execution of all minor works costing Rs. 2,500 and below.

(Here enter No. 2731 W., dated 30th September 1889.)

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

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

LETTER—to the Secretary to the Government of India, Military Department, dated Fort St. George, 30th September 1889, No. 2731 W.

In forwarding, herewith, a copy of the Proceedings of this Government, No. 2730 W., dated 30th September 1889, and the schedule of requirements on account of Imperial Military works for 1890-91, I am directed to request that a liberal grant may be assigned in order that the many important works now held in abeyance for want of funds may be undertaken next year.

2. A sum of Rs. 20,000 has been included in the schedule for improving the sanitation of Native lines with reference to my letter No. 2605 W., dated 20th September 1889.

3. The demands on account of Ordnance works have not been included in the schedule and it is presumed that a special grant will as usual be provided for those works on the application of the Director-General of Ordnance.

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

Exd. P. L. Pereira
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated September, 30th.

Recd. *Encl.*

G.O., 30th Sept. 1889, Nos. 2730, 2731 W.

SEPTEMBER.

Imperial Military Works

Forwarding schedule of requirements on account of — for 1890-91.

3021

Appendix to G.O., No. 2730 W., dated 30th September 1889.

BUILDINGS AND ROADS.

SCHEDULE of the probable requirements of the Madras Presidency on account of Military Works for 1890-91.

Head of classification.	Executive division.	Locality.	Item No.	Projects and Works.	Class.	Original Works. Major works. Works in progress.	Original Works. Major works. New works.	Original Works. Minor works. Total.	Repairs.	Establishment.	Tools and plant.	Suspense.	Grand Total.	Remarks.
						Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
(1) Accommodation for troops—Buildings for European troops.	Chingleput.	Poonamallee.	1	New barracks ..	A	50,000	..	..	..	..	..	..	..	An estimate of Rs. 1,66,885 was sanctioned in G.O., No. 466 W., dated 19th February 1879. Revised estimate is awaited. Item No. 2, class A works, budget of 1889-90. Estimates are awaited. Item No. 2, class B works, budget of 1889-90.
	..	..	2	Institutes of British regiments and batteries in the Presidency.	A	..	35,000	..	..	..	..	..	..	
	Bellary ..	Bellary ..	3	Swimming-bath for British Infantry.	B	..	7,644	..	..	..	..	..	..	Estimate of Rs. 7,644 was sanctioned in G.O., No. 2464 W., dated 19th October 1885. Item No. 1, class C works, budget of 1889-90.
	Do. ..	Do. ..	4	New guard-room for the Station hospital.	B	..	4,290	..	..	..	..	..	..	Estimate of Rs. 4,290 was sanctioned in G.O., No. 1384 W., dated 11th May 1888. Item No. 3, class C works, budget of 1889-90.
	Nilgiri ..	Wellington.	5	Officers' mess	B	..	30,000	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Do. ..	6	Constructing hut-barracks for 100 men.	B	..	30,000	..	..	..	..	..	..	Estimate is awaited. Item No. 11, class C works, budget of 1889-90.
	Do. ..	Do. ..	7	Converting the Racquet court into a covered gymnasium for the use of the British Infantry regiment.	B	..	11,244	..	..	..	..	..	..	Estimate of Rs. 11,244 was sanctioned in G.O., No. 1893 W., dated 15th July 1889. Item No. 9, class C works, budget of 1889-90.
	West Coast.	Calicut ..	8	New barracks with subsidiary buildings.	B	..	21,000	..	..	..	..	..	..	Estimate is awaited. Item No. 14, class C works, budget of 1889-90.
	Presidency.	Fort St. George.	9	Constructing two rooms and bath-rooms on the second floor of Nos. 4 and 5 Field officers' quarters for the use of the offices of the Surgeon-General, Her Majesty's Forces, and of his Secretary.	B	..	4,915	..	..	..	..	..	..	Estimate of Rs. 4,915 was sanctioned in G.O., No. 2236 W., dated 16th August 1889.
	Bellary ..	Bellary ..	10	Re-roofing with Mangalore tiles the verandahs of the British Infantry barracks.	C	..	48,350	..	..	..	..	..	..	Estimate is awaited.

Schedule of the probable requirements of the Madras Presidency on account of Military Works for 1890-91—*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.	
(1) Accommodation for troops—Buildings for European troops—*cont.*	Bellary ..	Bellary ..	11	Quarters for Farrier Sergeant, Royal Artillery, at Chief Veterinary hospital.	C	..	3,738	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Do. ..	12	Quarters for shoeing-smith and line orderly at Chief Veterinary hospital.	C	..	2,600	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	13	Enlarging and improving Chief Veterinary hospital.	C	..	8,490	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	14	Barrackmaster's quarters and out-houses.	C	..	3,500	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	15	Barrack Sergeant's quarters and out-houses.	C	..	3,500	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	16	Constructing a Mangalore tiled roof over the existing roof of the Station hospital.	C	..	4,647	..	..	..	..	..	..	..	..	Estimate of Rs. 4,647 was sanctioned in G.O., No. 1423 W., dated 29th May 1889.
	Do. ..	Do. ..	17	Infectious disease ward, cook-house and Station hospital.	C	..	6,140	..	..	..	..	..	..	..	..	Estimate of Rs. 6,140 was sanctioned in G.O., No. 320 W., dated 7th February 1884. Item No. 4, class C works, budget of 1889-90.
	Do. ..	Do. ..	18	Purveyor's quarters for the Station hospital.	C	..	3,046	..	..	..	..	..	..	..	..	Estimate of Rs. 3,046 was sanctioned in G.O., No. 771 W., dated 7th March 1888. Item No. 5, class C works, budget of 1889-90.
	Nilgiri ..	Wellington.	19	Constructing an office-room for the Station hospital.	C	..	3,000	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Do. ..	20	Constructing a laundry for the Station hospital.	C	..	3,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	21	Constructing a block of officers' quarters to accommodate six bachelors of the British Infantry battalion.	C	..	40,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	22	Constructing a block of officers' quarters for six bachelors of the Convalescent depôt.	C	..	40,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	23	Quarters for an Assistant Apothecary.	C	..	6,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 7, class C works, budget of 1889-90.
	Do. ..	Do. ..	24	Quartermaster's stores and office for British Infantry regiment.	C	..	25,000	..	..	..	..	..	..	..	..	
	Do. ..	Do. ..	25	A ward to accommodate 35 men, Station hospital.	C	..	20,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 8, class C works, budget of 1889-90.
	Do. ..	Do. ..	26	Quarters for three hospital purveyors.	C	..	4,750	..	..	..	..	..	..	..	..	Estimate of Rs. 4,750 was sanctioned in G.O., No. 615 W., dated 21st February 1888. Item No. 10, class C works, budget of 1889-90.
	Do. ..	Ootacamund.	27	Quarters for a Sub-Conductor attached to the Army Head-quarters.	C	..	7,500	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 12, class C works, budget of 1889-90.
	Do. ..	Do. ..	28	Converting the Sapper hospital building on Stone-house Hill into quarters for two Sergeant-Instructors, N.V. Rifles.	C	..	3,600	..	..	..	..	..	..	..	..	Estimate of Rs. 3,600 was sanctioned in G.O., No. 1068 W., dated 9th April 1888. Item No. 13, class C works, budget of 1889-90.
	West Coast.	Calicut ..	29	Quarters for an Apothecary, West Hill Barracks.	C	..	5,000	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Mangalore.	30	Quarters for two Hospital Assistants.	C	..	5,500	..	..	..	..	..	..	..	..	Do.
	Presidency.	Bangalore.	31	Constructing a collar-maker's shop for the Royal Artillery.	C	..	3,040	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	32	Battery office for one Field battery.	C	..	6,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	33	Store-rooms for one Field battery.	C	..	5,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	34	One new barrack for British Cavalry regiment.	C	..	32,500	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	35	Bowling alley to be converted into a Skittle alley.	C	..	2,800	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	36	Laundry and disinfecting-room for South Station hospital.	C	..	7,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	37	Quarters for Farrier Sergeant, shoeing-smith, line orderly, and building for office, pharmacy, &c., Station Veterinary hospital.	C	..	9,230	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	38	Brick-making shop, Queen's Own Sappers and Miners.	C	..	6,000	..	..	..	..	..	..	..	..	Do.
	Do. ..	Do. ..	39	One block of two quarters for two Sergeants, Queen's Own Sappers and Miners.	C	..	3,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 15, class C works, budget of 1889-90.
	Do. ..	Do. ..	40	Quarters for Schoolmaster and Schoolmistress, Royal Artillery.	C	..	10,240	..	..	..	..	..	..	..	..	Estimate of Rs. 10,240 was sanctioned in G.O., No. 2384 W., dated 20th September 1886. Item No. 16, class C works, budget of 1889-90.
	Do. ..	Do. ..	41	New orderly-room, or conversion of Quartermaster's stores into orderly-room and stores, 12th Lancers.	C	..	6,500	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 17, class C works, budget of 1889-90.
	Do. ..	Do. ..	42	Battery office for Royal Horse Artillery.	C	..	5,680	..	..	..	..	..	..	..	..	Estimate of Rs. 5,680 was sanctioned in G.O., No. 2906 W., dated 17th September 1888. Item No. 18, class C works, budget of 1889-90.

Schedule of the probable requirements of the Madras Presidency on account of Military Works for 1890-91—*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.	
(1) Accommodation for troops—Buildings for European troops—*cont.*	Presidency.	Bangalore.	43	Quarters for the 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 1889-90.
	Do. ..	Do. ..	44	Quarters for the Assistant Apothecary, North Station hospital.	C	..	4,773	..	..	..	..	..	..	..	..	Estimate of Rs. 4,773 was sanctioned in G.O., No. $\frac{938 \text{ W.}}{2}$ dated 5th April 1884. Item No. 21, class C works, budget of 1889-90.
	Do. ..	Madras ..	45	New Military hospital on the site of the old fishing village near the Presidency College.	C	..	25,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 22, class C works, budget of 1889-90.
	Do. ..	Fort St. George.	46	Garrison bazaars to be done away with, and new cook-houses to be built on the site.	C	..	4,500	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 24, class C works, budget of 1889-90.
	Do. ..	Do. ..	47	Repairs to floors of B, C, D blocks, family quarters.	C	..	10,070	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 25, class C works, budget of 1889-90.
	Do. ..	Do. ..	48	Construction of coach-houses and stables for the use of officers.	C	..	15,770	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 26, class C works, budget of 1889-90.
	Chingleput.	St. Thomas' Mount.	49	Verandahs round each of the stables of the two Field batteries.	C	..	6,000	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Poonamallee.	50	Warrant officers' quarters.	C	..	3,500	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 27, class C works, budget of 1889-90.
	Do. ..	Do. ..	51	Two Staff Sergeants' quarters, first class.	C	..	6,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 28, class C works, budget of 1889-90.
	Do. ..	Do. ..	52	Coffee shop	C	..	9,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 29, class C works, budget of 1889-90.
	Do. ..	Pallávaram.	53	One mortuary room for each of the three hospitals, Nos. 1 to 3.	C	..	3,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 30, class C works, budget of 1889-90.
	Do. ..	St. Thomas' Mount.	54	A wheeler and collar-maker's shop for the West barracks.	C	..	5,660	..	..	..	..	..	..	..	..	Estimate of Rs. 5,660 was sanctioned in G.O., No. 2717 W., dated 3rd November 1884. Item No. 31, class C works, budget of 1889-90.
	Do. ..	Do. ..	55	Sergeants' mess for East barracks.	C	..	5,450	..	..	..	..	..	..	..	..	Estimate of Rs 5,450 was sanctioned in G.O., No. 1118 W., dated 14th April 1888. Item No. 32, class C works, budget of 1889-90.
(1) Accommodation for troops—Buildings for European troops.	Do. ..	Do. ..	56	Quarters for three Medical subordinates attached to the Station hospital.	C	..	8,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 33, class C works, budget of 1889-90.
	Do. ..	Do. ..	57	Quarters for Head-quarter Staff, Royal Artillery.	C	..	12,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 34, class C works, budget of 1889-90.
	Do. ..	Do. ..	58	Battery office for P/1st Royal Artillery, East barracks.	C	..	3,700	..	..	..	..	..	..	..	..	Estimate of Rs. 3,700 was sanctioned in G.O., No. 1552 W., dated 28th May 1888. Item No. 35, class C works, budget of 1889-90.
	Do. ..	Do. ..	59	Raising the roof of harness-room, Troop lines.	C	..	4,200	..	..	..	..	..	..	..	..	Estimate of Rs. 4,200 was sanctioned in G.O., No. 3137 W., dated 17th December 1881. Item No. 36, class C works, budget of 1889-90.
(1) Accommodation for troops—Buildings for Native troops.	Presidency.	Bangalore.	60	Public buildings for a regiment of Native Cavalry.	A	20,000	..	..	..	..	..	..	..	..	..	Estimate of Rs. 30,533 was sanctioned in G.O., No. 1607W., dated 19th June 1889. Item No. 3, class B works, budget of 1889-90.
	Bellary ..	Bellary ..	61	New saddle-rooms for Native Cavalry regiment.	B	..	10,000	..	..	..	..	..	..	..	..	Estimate of Rs. 30,000 was sanctioned in G.O., No. 92 W., dated 15th January 1889.
	Vizagapatam	Vizianagrum.	62	Re-roofing the hospital ..	C	..	3,000	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Do. ..	63	Regimental store for Native Infantry, including storage for camp equipage.	C	..	3,480	..	..	..	..	..	..	..	..	Estimate of Rs. 3,480 was sanctioned in G.O., No. 2628 W., dated 27th October 1884. Item No. 37, class C works, budget of 1889-90.
	Bellary ..	Bellary ..	64	Places of arms for a regiment of Madras Infantry.	C	..	10,070	..	..	..	..	..	..	..	..	Estimate of Rs. 10,070 was sanctioned in G.O., No. 92W., dated 15th January 1889. Item No. 38, class C works, budget of 1889-90.
	Do. ..	Do. ..	65	School-house for Native Infantry regiment.	C	..	3,030	..	..	..	..	..	..	..	..	Estimate of Rs. 3,030 was sanctioned in G.O., No. 149 W., dated 17th January 1884. Item No. 39, class C works, budget of 1889-90.
	Nilgiri ..	Wellington.	66	Quarters for 32 men, Army Hospital Native Corps.	C	..	12,380	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 41, class C works, budget of 1889-90.
	West Coast.	Cannanore.	67	Quarters for 11 men of the Army Hospital Native Corps.	C	..	3,670	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 43, class C works, budget of 1889-90.
	Chingleput.	Pallávaram.	68	Powder magazine for Madras Infantry regiment.	C	..	4,900	..	..	..	..	..	..	..	..	Estimate of Rs. 4,900 was sanctioned in G.O., No. 334 W., dated 8th February 1886. Item No. 44, class C works, budget of 1889-90.
	Do ..	Do. ..	69	Armourer's shop for 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. 45, class C works, budget of 1889-90.
(3) Commissariat buildings.	West Coast.	Calicut ..	70	Sheds for transport animals at Calicut.	A	3,065	..	..	..	..	..	..	..	..	..	Estimate of Rs 11,265 was sanctioned in G.O., No. 3302 W., dated 17th October 1888. Item No. 53, class C works, budget of 1889-90.
	Bellary ..	Bellary ..	71	Commissariat Conductor's quarters and out-houses.	C	..	3,500	..	..	..	..	..	..	..	..	Estimate is awaited.

Schedule of the probable requirements of the Madras Presidency on account of Military Works for 1890-91—*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.	
(3) Commissariat buildings.	Bellary ..	Bellary ..	72	Shelter for Transport carts, &c.	C	..	3,600	..	..	..	..	..	..	..	..	Estimate is awaited.
	Nilgiri ..	Wellington.	73	Quarters for a Milling Engineer, Commissariat department.	C	..	7,500	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 49, class C works, budget of 1889-90.
	West Coast.	Malapuram.	74	Cattle shed for the Commissariat department.	C	..	4,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 51, class C works, budget of 1889-90.
	Do. ..	Do. ..	75	Sheds for 12 bullocks and 10 mules.	C	..	2,824	..	..	..	..	..	..	..	..	Estimate of Rs. 2,824 was sanctioned in G.O., No. 1245 W., dated 27th April 1888. Item No. 52, class C works, budget of 1889-90.
	Presidency.	Bangalore .	76	Two quarters for Warrant officers of the Commissariat department.	C	..	11,000	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Do. ..	77	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. 61, class C. works, budget of 1889-90.
	Do. ..	Do. ..	78	Quarters for an Ambulance Sergeant near Cattle lines, Transport department.	C	..	3,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 62, class C works, budget of 1889-90.
	Do. ..	Fort St. George .	79	New iron record shelves for the office of the Examiner, Commissariat Accounts.	C	..	7,790	..	..	..	..	..	..	..	..	Estimate of Rs. 7,790 was sanctioned in G.O., No. 2636 W., dated 21st September 1889.
	Do. ..	Madras ..	80	Workshops and sheds for carts and cattle, Transport department.	C	..	20,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 56, class C works, budget of 1889-90.
	Do. ..	Do. ..	81	Quarters for two Staff Sergeants at Pudupet.	C	..	3,500	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 58, class C works, budget of 1889-90.
	Do. ..	Do. ..	82	Quarters for a Conductor, Commissariat department.	C	..	4,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 59, class C works, budget of 1889-90.
	Do. ..	Do. ..	83	Constructing a wheat godown at Teynampet.	C	..	5,950	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 60, class C works, budget of 1889-90.
	Chingleput.	Guindy ..	84	Quarters for the station butcher attached to the slaughter-house.	C	..	3,600	..	..	..	..	..	..	..	..	Estimate of Rs. 3,600 was sanctioned in G.O., No. 1259 W., dated 30th April 1888. Item No. 54, class C works, budget of 1889-90.
	Do. ..	Saidápet ..	85	Constructing a new road from the Mount Road direct to the slaughter-house.	C	..	3,468	..	..	..	..	..	..	..	..	Estimate of Rs. 3,468 was sanctioned in G.O., No. 534 W., dated 16th February 1888. Item No. 55, class C works, budget of 1889-90.
(7) General Cantonment Works.	..	..	86	Improving the sanitation of lines of Native troops.	A	..	20,000	..	..	..	..	..	..	..	..	Estimates are awaited.
	Bellary ..	Guntakal.	87	New rest-house and site for the rest camp.	B	..	8,040	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 65, class C works, budget of 1889-90.
	Nilgiri ..	Wellington.	88	Connecting, by means of iron pipes, the drinking-water well with the barracks.	B	..	4,715	..	..	..	..	..	..	..	..	Estimate of Rs. 4,715 was sanctioned in G.O., No. 1198 W., dated 6th May 1889.
	Presidency.	Bangalore.	89	Drainage of Royal Horse Artillery, Grass-cutters' lines at Ulsoor and preventing the fouling of the adjacent nullah.	C	..	2,846	..	..	..	..	..	..	..	..	Estimate of Rs. 2,846 was sanctioned in G.O., No. 1261 W., dated 1st May 1888. Item No. 66, class C works, budget of 1889-90.
	Do. ..	Do. ..	90	Drainage, British Infantry barracks.	C	..	8,112	..	..	..	..	..	..	..	..	Estimate of Rs. 8,112 was sanctioned in G.O., No. 2615 W., dated 24th August 1888. Item No. 67, class C works, budget of 1889-90.
	Do. ..	Do. ..	91	Constructing box drains east and west of Parade barracks.	C	..	4,184	..	..	..	..	..	..	..	..	Estimate is awaited.
	Do. ..	Fort St. George,	92	Remodelling the drainage ..	C	..	10,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 68, class C works, budget of 1889-90.
	Do. ..	Madras ..	93	Flushing drains of Native Infantry lines at Rayapuram.	C	..	4,300	..	..	..	..	..	..	..	..	Estimate of Rs. 4,300 was sanctioned in G.O., No. 1297 W., dated 4th June 1884. Item No. 69, class C works, budget of 1889-90.
	Chingleput.	St. Thomas' Mount.	94	General improvements to the drains of the cantonment.	C	..	10,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 70, class C works, budget of 1889-90.
(8) Fortifications.	North Arcot.	Vellore ..	95	Draw-bridge and gate for the Fort.	B	..	6,500	..	..	..	..	..	..	..	..	Estimate of Rs. 6,500 was sanctioned in G.O., No. 1963 W., dated 20th July 1889. Item No. 72, class C works, budget of 1889-90.
	West Coast.	Malápuram.	96	Constructing a fortified post.	C	..	8,248	..	..	..	..	..	..	..	..	Estimate of Rs. 8,248 was sanctioned in G.O., No. 3114 W., dated 18th November 1887. Item No. 71, class C works, budget of 1889-90.
	Presidency.	Fort St. George.	97	Demolition of Wallajah ravelin and two lunettes.	C	..	7,426	..	..	..	..	..	..	..	..	Estimate is awaited. Item No 73, class C works, budget of 1889-90.
	Do. ..	Do. ..	98	Constructing a draw-bridge at the North gate.	C	..	4,487	..	..	..	..	..	..	..	..	Estimate of Rs 4,487 was sanctioned in G.O., No. 2447 W., dated 13th August 1888. Item No. 74, class C works, budget of 1889-90.
	Do. ..	Do. ..	99	Demolition of out-houses, clearance of ditch, and completion of walls.	C	..	10,000	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 75, class C works, budget of 1889-90.
(4) Staff and Miscellaneous.	Nilgiri ..	Ootacamund.	100	Constructing a latrine for the boys at the Lawrence Asylum.	C	..	3,000	..	..	..	..	..	..	..	..	Estimate of Rs. 3,000 was sanctioned in G.O., No. 2139 W., dated 14th July 1888. Item No. 64, class C works, budget of 1889-90.
	..	..	..	Reserve with the Government for incomplete Major works.	..	11,768	..	..	..	..	..	..	..	..	..	
				Total ..		*84,833*	*8,75,167*	*9,60,000*	*1,70,000*	*11,30,000*	*3,20,000*	*3,33,500*	*21,500*	..	*18,05,000*	

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 1890-91.

Division or district.	Station.	Description of buildings, &c., and for what corps or departments needed.	Approximate estimate of cost.	Remarks by the Commander-in-Chief.
			Rs.	
Madras District.	Fort St. George.	I. 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. ...	Constructing two solitary cells in the military prison	2,445	Very urgently required.
	Do. ...	Constructing a verandah in front of the choultry gate now used as the Commissariat ration shed.	650	Necessary.
	Do. ...	D. block family quarters to be converted into permanent quarters for three Sergeant Instructors, Madras Volunteer Guards and Volunteer Artillery.	566	Approved.
	Madras ...	Huts, infectious disease—Station hospital.	750	When funds are available.
	Do. ...	Regimental school—Perambúr lines, Madras Infantry.	1,375	
	Do. ...	Shed to hold fire-engine at the Government Bakery.	820	Approved.
	Do. ...	Iron railings to passage in the Storekeeper-General's record-room — Commissary-General's office.	670	
	Do. ...	Drainage—Bakery premises ...	950	When funds are available.
	Do. ...	Gram-boiling shed—Mule lines.	1,500	
	Do. ...	Latrine for hospital—Ráyapuram lines.	1,000	Approved.
	Do. ...	Converting one Sub-Conductor's quarters, Commissariat Department, to Conductors' quarters by adding one room 18′ × 16′.	576	
	Do. ...	Store-room to 3 Warrant officers' and 4 Sergeants' quarters—Commissariat Department.	1,000	
	Do. ...	Additional latrine accommodation—Army Clothing Department.	536	
	Do. ...	Laying on Red Hills water in pipes to the quarters of the Conductor and Mechanical Engineer at the Government Bakery, Teynampet.	560	
	Do. ...	Constructing sick shed (50′ × 12′)—Transport Department.	1,200	Necessary.
	Do. ...	Constructing a weighing-shed (30′ × 20′)—Transport line, Pudupet.	1,200	
	Do. ...	Constructing a cistern to hold Red Hills water at the Government Bakery.	530	When funds are available.
	Do. ..	Constructing a slinging shed in the Body Guard lines.	836	

3021

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

Division or district.	Station.	Description of buildings, &c., and for what corps or departments needed.	Approximate estimate of cost.	Remarks by the Commander-in-Chief.
			Rs.	
Madras District—*cont.*	Madras ...	Constructing verandahs in continuation of the existing verandahs of place-of-arms attached to (IX M.I.) the Ráyapuram lines.	2,310	Approved.
	Do. ...	Constructing an additional verandah to the wheat store-room of the Government Bakery at Teynampet	690	
	Do. ...	Latrine—Transport lines ...	950	
	St. Thomas' Mount.	Commissariat—Wells, &c., public cattle depôt.	1,200	When funds are available.
	Do. ...	Royal Artillery—Lightning-conductor, Magazine.	1,500	Most important.
	Do. ...	Closing up archway, gun-shed—P. Battery, 1st Brigade.	560	Very necessary.
	Do. ...	Constructing a second verandah to the harness-room attached to east barracks, Royal Artillery.	1,170	When funds are available.
	Do. ...	Constructing two store-rooms and two cook-rooms to recreation room, library and coffee-shop, east barracks.	700	Approved.
	Do. ...	Drains in stables, east barracks.	800	
	Do. ...	Coating the pillars of Royal Artillery stables, east and west barracks.	880	
	Do. ...	Constructing three line-gear rooms for Royal Artillery stables, east barracks.	1,140	
	Do. ...	Converting the vacant family quarters, south barracks, into quarters for medical subordinates doing duty at the station hospital.	1,070	
	Do. ...	Providing granite-stone flooring to the verandahs of the harness-rooms, west barracks.	540	When funds are available.
	Do. ...	A shed for shelter of bullocks...	700	Approved.
	Pallávaram ...	Tiled-shed	636	When funds are available.
	Do. ...	Store-room for regimental camp equipage—Madras Infantry Regiment.	1,500	Approved.
	Do. ...	Improvements to Sergeant Major's quarters.	1,300	When funds are available.
	Poonamallee...	Wall, new—Family quarters ...	1,000	When funds are available.
	Do. ...	Constructing new walls between the latrines of the family quarters.	730	
	Do. ...	Providing lightning-conductor to the station hospital.	2,400	
	Do. ...	Improving drains in cantonment.	1,500	Approved.
	Do. ...	Bullocks' shed—Commissariat Department.	510	
	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	

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 or departments needed.	Approximate estimate of cost.	Remarks by the Commander-in-Chief.
			Rs.	
Madras District—*cont.*	Vizianagrum.	Contagious disease shed ...	917	Approved.
	Berhampore...	Building for Commissariat stores and office.	1,200	When funds are available.
	Do. ...	Extension of the main drains, Regimental lines.	1,000	Necessary.
	Do. ...	Construction of two wells ...	1,000	When funds are available.
	Arkónam ...	Improving drains outside the compound of the rest-house.	560	Approved.
	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.
	Do. ...	Board floor, recreation room—Royal Horse Artillery.	1,240	
	Do. ...	Stone-floor to gun-shed, &c. ...	1,160	
	Do. ...	Two Riding schools	1,156	Necessary. Estimate already sanctioned by Government.
	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 road from race-course barracks to slaughter-house.	1,400	
	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.
	Do. ...	Constructing a stone drain in forage yard and levelling ground.	1,440	} Approved.
	Do ...	Providing 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.
	Do. ...	New drains in Transport lines to carry off water.	1,100	} Approved.
	Do. ...	A room suitable for an office for the Quartermaster at north end of Quartermaster's stores, British Infantry.	2,160	
Bangalore District.				

3021

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 or departments needed.	Approximate estimate of cost.	Remarks by the Commander-in-Chief.
			Rs.	
Bangalore District—*cont.*	Bangalore ...	Drains around the Married and Staff Sergeants' quarters, &c., British Infantry at St. John's Hill Barracks.	710	Approved.
	Do. ...	Two horse-stables for Staff Sergeants' quarters, Commissariat Department.	570	} Necessary.
	Do. ...	Two Servants' quarters for Commissariat Department.	637	
	Do. ...	Quarters for one first-class Purveyor, North Station Hospital.	800	
	Do. ...	Quarters for one second-class Purveyor, North Station Hospital.	600	
	Do. ...	Providing glazed slashes to the Staff and Married Sergeants' quarters, "Queen's Own" Sappers and Miners at St. John's Hill.	575	} When funds are available.
	Do. ...	Repairs to Theatre of Royal Horse Artillery.	2,500	
	Do. ...	Shoemaker's shop for one Field Battery, Royal Artillery.	2,000	} Approved.
	Do. ...	Quarters for two Hospital Assistants of "Queen's Own" Sappers and Miners.	2,165	
	Do. ...	Quarters for two Hospital Assistants for East Hutting lines.	2,165	
	Do. ...	Quarter-guard and Defaulter's room, East Hutting lines.	1,620	
	Do. ...	Quarter-guard and Defaulter's room, West Hutting lines.	1,620	
	Do. ...	Garrison Hospital—Conversion of old Apothecaries' quarters into quarters for six Hospital Assistants.	1,000	
	Do. ...	Alterations to Infirmary Stables.	747	
	Do. ...	Providing stone-flooring for working the guns in the bastions of the Agram entrenchment.	993	
	Matigiri ...	Rebuilding the partition walls between the stalls of the forty horse-stables, Remount Depôt.	890	Necessary.
	Bellary ...	Renewing floor, No. II Magazine, Fort.	616	} Very necessary.
	Do. ...	Reflooring Commissariat Store-rooms with asphalte.	670	
	Do. ...	Drain pipes required to be fitted around the buildings to carry off rain-water from the roofs.	1,690	Desirable.
	Do. ...	Skittle alley	1,600	} When funds are available.
	Do. ...	Compound wall for the quarters of the Army Hospital Corps.	1,346	
	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	
Belgaum District.				

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 or departments needed.	Approximate estimate of cost.	Remarks by the Commander-in-Chief.
			Rs.	
Belgaum District—*cont.*	Bellary ...	Enlarging a well in the cantonment.	854	When funds are available.
	Do. ...	Improving present Armourers' shop, Native Cavalry, by adding a browning room and opening a large window.	700	Very necessary.
	Do. ...	Skittle alley for British Infantry.	1,600	When funds are available.
	Do. ...	Masonry wall around Madras Cavalry Regiment Magazine.	800	
	Do. ...	Alterations and improvements to the garrison Provost prison.	2,144	Very necessary; should be executed, if possible, in coming year.
	Wellington ...	Renewing floors of latrines and school block.	1,680	Necessary.
	Do. ...	Enlarging Purveyor's stores ...	2,000	Very necessary.
	Do. ...	Supplying cooking stove, Sergeants' mess.	800	Desirable.
	Do. ...	Shed for dhooly-bearers and dhooly.	2,300	Approved, but estimate seems very high.
	Do. ...	A building for manufacturing blank ammunition.	1,000	Necessary.
	Do. ...	A ward for lunatic men in the Station Hospital.	850	
	Do. ...	Diverting the surplus water of the reservoir from old channel to new, under road-way at south-east end of staff block.	880	Approved.
	Do. ...	Fixing iron hand rails to the stair cases of the night latrine of barracks.	705	
	Do. ...	Improvements to the Station Hospital and its water-supply.	530	
	Do. ...	Room for attendant on bed-ridden patients.	1,000	
Southern District.	Cannanore ...	Alterations and improvements to the Government Bakery.	2,117	Desirable.
	Do. ...	Constructing quarters for the Hospital Purveyer.	1,326	Approved.
	Calicut ...	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.
	Do. ...	Road to Transport lines ...	1,000	Approved, if such a road is found necessary when a site for the new lines is finally settled.
	Do. ...	Extension of present wash and bath houses for the detachment.	750	Approved.
	Do. ...	Servants' houses and stables for Apothecary's quarters, West Hill.	990	
	Do. ...	Lines for Native Army Hospital for eight men.	1,056	
	Do. ...	Quarters for Hospital Purveyor, West Hill barracks.	1,163	Necessary.
	Malapuram ...	Converting beer godown into a gymnasium for detachment.	790	Very necessary.
	Do. ...	Providing a platform and pump to well.	1,110	

3021

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 or departments needed.	Approximate estimate of cost.	Remarks by the Commander-in-Chief.
			Rs.	
Southern District—*cont.*	Malapuram ...	Quarters for Hospital Purveyor.	1,250	Necessary.
	Do. ...	Quarters for 7 men of the Army Hospital Native Corps.	2,030	
	Do. ...	Converting the old contagious disease ward into quarters for the Commissariat Sergeant.	2,270	
	Do. ...	Raising the roof and improving theatre.	700	Approved.
	Do. ...	Renewing asphalte floor to the Racquet Court.	600	
	Quilon ...	Renewing floor of hospital ...	1,970	Desirable.
	Do. ...	Two solitary cells	1,245	Approved.
	Do. ...	Armourers' shop	2,489	
Belgaum District.	Mangalore ...	Reflooring hospital—Madras Infantry.	695	When funds are available.
	Do. ...	Additions to Armourers' workshop.	790	
	Do. ...	Putting a tar composite floor in place-of-arms in lieu of the existing wooden floor—Native Infantry.	653	
	Do. ...	Constructing parapet walls to two wells, erecting nine dust-bins and providing six designation boards for hospital ward—31st Light Infantry.	671	Approved.
	Do. ...	Constructing a well in the compound of the Native Infantry Hospital.	500	
	...	Lump-sum provision for works costing below Rs. 500 each.	17,027	
		Total ...	1,70,000	

3021

ORDNANCE DEPARTMENT.

No. 4587 E.

FROM

THE DIRECTOR-GENERAL OF ORDNANCE IN INDIA,

TO

THE Secretary to the Government of Madras,
Public Works department,
Madras.

Dated Simla, 15th October 1889.

Sir,

I have the honor to return, herewith, Madras Government No. 2730 W "Public Works" dated the 30th September 1889, there being nothing in it, as far as can be ascertained, concerning Ordnance Works.

together with the Spare copies

I have the honor, to be,

Sir,

Your most obedient Servant,

P.M. Lowis Major-General,
Director-General of Ordnance in India.

91

10

P. No 3021 W. a/s Oct-ber 25 1889

To The I. G. of Ordee in Sudia

Sir

With reference to yr letter No 4587 E d/ 15 October 1889, I have the honor to return Govt Order No 2730 W d/ 30th Septr 1889, and to forward with it a copy of letter to the Government of India fm this dept No 2731 W d/ 30th Septr 1889, para 2 of which will explain why the Pros: were sent to yr for information - A copy of this letter was kept by overright, not for-warded in the first instance.

2. The spare copies of the Govt order are not returned as they will probably not be req by yr I have &c

Rec'd 21. 10. 89.

No 3021 W a/s Oct-ber 25 1889

(10)

24.10.89

Clerk
Dept
2 Encls:
25-10-89

Rec'd 24. 10. 89.

Letter to Govt