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தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

சீ. ய. சி. துறை

அரசாணை எண்.	<u>2730</u>	அச்சகம்
மு. கோப்புத் தாள் எண்.	<u>2731</u>	பலவகை
நாள் : <u>27</u> — <u>9</u> — <u>1889</u> 1989		

க்கவோ கண்டபடி கையாளவோ கூடாது

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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 Ootacmund, 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

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.

Gobt. 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.

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.				Repairs.	Estab-lish-ment.	Tools and plant.	Sus-pense.	Grand Total.	Remarks.
						Major works.			Total.						
						Works in progress.	New works.	Minor works.							
Chingleput.	Poomamallee.	1	New barracks	A	RS. 50,000	..	RS. ..	RS. ..	RS. ..	RS. ..	RS. ..	RS. ..	RS. ..	RS. ..	An estimate of Rs. 1,66,885 was sanctioned in G.O., No. 465 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	..	..	..	..	..	..	..	..	..
Do. ..	Do. ..	4	New guard-room for the Station hospital.	B	..	4,290	..	..	..	..	..	..	..	..	..
Nalgiri ..	Wellington.	5	Officers' mess	B	..	30,000	..	..	..	..	..	..	..	..	..
Do. ..	Do. ..	6	Constructing hut-barracks for 100 men.	B	..	30,000	..	..	..	..	..	..	..	..	..
Do. ..	Do. ..	7	Converting the Racquet court into a covered gymnasium for the use of the British Infantry regiment.	B	..	11,244	..	..	..	..	..	..	..	..	..
West Coast.	Calicut ..	8	New barracks with subsidiary buildings.	B	..	21,000	..	..	..	..	..	..	..	..	..
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	..	..	..	..	..	..	..	..	..
Bellary ..	Bellary ..	10	Re-roofing with Mangalore tiles the verandahs of the British Infantry barracks.	C	..	48,350	..	..	..	..	..	..	..	..	..

(1) Accommodation for troops—Buildings for European troops.

(1) Accommodation for troops—Buildings for European troops.

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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.								
Bellary	Bellary	11	Quarters for Farrier Sergeant, Royal Artillery, at Chief Veterinary hospital.	C	Rs. ..	Rs. 3,738	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate is awaited.
	Do.	12	Quarters for shoeing-smith and line orderly at Chief Veterinary hospital.	C	Rs. ..	2,600	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Do.
	Do.	13	Enlarging and improving Chief Veterinary hospital.	C	Rs. ..	8,490	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Do.
	Do.	14	Barrackmaster's quarters and out-houses.	C	Rs. ..	3,500	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Do.
	Do.	15	Barrack Sergeant's quarters and out-houses.	C	Rs. ..	3,500	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Do.
	Do.	16	Constructing a Mangalore tiled roof over the existing roof of the Station hospital.	C	Rs. ..	4,647	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate of Rs. 4,647 was sanctioned in G.O., No. 1423 W., dated 29th May 1889.
	Do.	17	Infectious disease ward, cook-house and Station hospital.	C	Rs. ..	6,140	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	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.	18	Purveyor's quarters for the Station hospital.	C	Rs. ..	3,046	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	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.
Nalgiri	Wellington.	19	Constructing an office-room for the Station hospital.	C	Rs. ..	3,000	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Do.
	Do.	20	Constructing a laundry for the Station hospital.	C	Rs. ..	3,000	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Do.
	Do.	21	Constructing a block of officers' quarters to accommodate six bachelors of the British Infantry battalion.	C	Rs. ..	40,000	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Do.
	Do.	22	Constructing a block of officers' quarters for six bachelors of the Convalescent depot.	C	Rs. ..	40,000	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Do.
Do.	Do.	23	Quarters for an Assistant Apothecary.	C	Rs. ..	6,000	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Do.
	Do.	24	Quartermaster's stores and office for British Infantry regiment.	C	Rs. ..	25,000	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate is awaited. Item No. 7, class C works, budget of 1889-90.

for European troops—cont.

(1) Accommodation for troops—Buildings

Do. ..	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. ..	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. ..	Do. ..	Do. ..	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. ..	Do. ..	28	Converting the Sapper hospital building on Stone-house Hill into quarters for two Sergeant-Instructors, N.Y. 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.
Do. ..	Do. ..	Do. ..	29	Quarters for an Apothecary, West Hill Barracks.	C	..	5,000	..	..	..	..	..	..	..	..	..	Estimate is awaited.
Do. ..	Do. ..	Do. ..	30	Quarters for two Hospital Assistants.	C	..	5,500	..	..	..	..	..	..	..	..	..	Do.
Do. ..	Do. ..	Do. ..	31	Constructing a collar-maker's shop for the Royal Artillery.	C	..	3,040	..	..	..	..	..	..	..	..	..	Do.
Do. ..	Do. ..	Do. ..	32	Battery office for one Field battery.	C	..	6,000	..	..	..	..	..	..	..	..	..	Do.
Do. ..	Do. ..	Do. ..	33	Store-rooms for one Field battery.	C	..	5,000	..	..	..	..	..	..	..	..	..	Do.
Do. ..	Do. ..	Do. ..	34	One new barrack for British Cavalry regiment.	C	..	32,500	..	..	..	..	..	..	..	..	..	Do.
Do. ..	Do. ..	Do. ..	35	Bowling alley to be converted into a Skittle alley.	C	..	2,800	..	..	..	..	..	..	..	..	..	Do.
Do. ..	Do. ..	Do. ..	36	Laundry and disinfecting-room for South Station hospital.	C	..	7,000	..	..	..	..	..	..	..	..	..	Do.
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. ..	Do. ..	38	Brick-making shop, Queen's Own Sappers and Miners.	C	..	6,000	..	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 15, class C works, budget of 1889-90.
Do. ..	Do. ..	Do. ..	39	One block of two quarters for two Sergeants, Queen's Own Sappers and Miners.	C	..	3,000	..	..	..	..	..	..	..	..	..	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. ..	Do. ..	40	Quarters for Schoolmaster and Schoolmistress, Royal Artillery.	C	..	10,240	..	..	..	..	..	..	..	..	..	Estimate is awaited. Item No. 17, class C works, budget of 1889-90.
Do. ..	Do. ..	Do. ..	41	New orderly-room, or conversion of Quartermaster's stores into orderly-room and stores, 12th Lancers.	C	..	6,500	..	..	..	..	..	..	..	..	..	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.
Do. ..	Do. ..	Do. ..	42	Battery office for Royal Horse Artillery.	C	..	5,680	..	..	..	..	..	..	..	..	..	Do.

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Schedule of the probable requirements of the Madras Presidency on account of Military Works for 1890-91.—*cont.*

Executive division.	Locality.	Item No.	Projects and Works.	Class.	ORIGINAL WORKS.					Repairs.	Estab-lish-ment.	Tools and plant.	Sus-pense.	Grand Total.	Remarks.
					Major works.			Minor works.	Total.						
					Works in progress.	New works.	Total.								
Presidency.	Bangalore.	43	Quarters for the Senior Apothecary, North Station hospital.	C	Rs. ..	Rs. 5,300	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	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	Rs. ..	4,773	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	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 1889-90.
Do. ..	Madras ..	45	New Military hospital on the site of the old fishing village near the Presidency College.	C	Rs. ..	25,000	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate is awaited. Item No. 22, class C works, budget of 1889-90.
Do. ..	Port St. George.	46	Garrison bazars to be done away with, and new cook-houses to be built on the site.	C	Rs. ..	4,500	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	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	Rs. ..	10,070	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	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	Rs. ..	15,770	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	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	Rs. ..	6,000	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate is awaited.
Do. ..	Poonamal-lee.	50	Warrant officers' quarters.	C	Rs. ..	3,500	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate is awaited. Item No. 27, class C works, budget of 1889-90.
Do. ..	Do. ..	51	Two Staff Sergeants' quar-ters, first class.	C	Rs. ..	6,000	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate is awaited. Item No. 28, class C works, budget of 1889-90.
Do. ..	Do. ..	52	Coffee shop	C	Rs. ..	9,000	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate is awaited. Item No. 29, class C works, budget of 1889-90.
Do. ..	Pallavaram.	53	One mortuary room for each of the three hospitals, Nos. 1 to 3.	C	Rs. ..	3,000	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	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	Rs. ..	5,660	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate of Rs. 5,660 was sanctioned in G.O., No. 2717 W., dated 2nd Novem-ber 1884. Item No. 31, class C works, budget of 1889-90.
Do. ..	Do. ..	55	Sergeants' mess for East barracks.	C	Rs. ..	5,450	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate of Rs. 5,450 was sanctioned in G.O., No. 1118 W., dated 14th April 1883. Item No. 32, class C works, budget of 1889-90.

(1) Accommodation for troops—Buildings for European troops—cont.

Head of classification.

No.	Locality	Description	Estimate	Class
55	Do.	Quarters for three Medical subordinates attached to the Station Hospital.	8,000	C
56	Do.	Quarters for Head-quarter Staff, Royal Artillery.	12,000	C
57	Do.	Battery office for P/ist Royal Artillery, East barracks.	3,700	C
58	Do.	Raising the roof of harness-room, Troop lines.	4,200	C
59	Presidency.	Public buildings for a regiment of Native Cavalry.	20,000	A
60	Bellary ..	New saddle-rooms for Native Cavalry regiment.	10,000	B
61	Vizagapatnam ..	Re-roofing the hospital ..	3,000	C
62	Do.	Regimental store for Native Infantry, including storage for camp equipment.	3,480	C
63	Bellary ..	Places of arms for a regiment of Madras Infantry.	10,070	C
64	Do.	School-house for Native Infantry regiment.	3,030	C
65	Nilgiri ..	Quarters for 32 men, Army Hospital Native Corps.	12,380	C
66	West Coast.	Quarters for 11 men of the Army Hospital Native Corps.	3,670	C
67	Chingleput.	Powder magazine for Madras Infantry regiment.	4,900	C
68	Do ..	Armourer's shop for Madras Infantry regiment.	2,880	C
69	West Coast.	Sheds for transport animals at Calicut.	3,066	A
70	Bellary ..	Commissariat quarters and out-houses.	3,500	C

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.	Estab-lish-ment.	Tools and Plant.	Sus-pense.	Grand Total.	Remarks.	
						Major works.			Minor works.							Total.
						Works in progress.	New works.	Total.								
(3) Commissariat buildings.	Bellary ..	Bellary ..	72	Shelter for Transport carts, &c.	C	Rs. ..	Rs. 3,600	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate is awaited.	
	Nilgiri ..	Wellington.	73	Quarters for a Milling Engineer, Commissariat department.	C	Rs. ..	Rs. 7,500	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate is awaited. Item No. 49, class C works, budget of 1889-90.	
	West Coast.	Malapuram.	74	Cattle shed for the Commissariat department.	C	Rs. ..	Rs. 4,000	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate is awaited. Item No. 51, class C works, budget of 1889-90.	
	Do. ..	Do. ..	75	Sheds for 12 bullocks and 10 mules.	C	Rs. ..	Rs. 2,324	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	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	Rs. ..	Rs. 11,000	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate is awaited.	
	Do. ..	Do. ..	77	Quarters for a Conductor, Transport department.	C	Rs. ..	Rs. 5,800	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	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	Rs. ..	Rs. 3,000	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	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	Rs. ..	Rs. 7,790	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	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	Rs. ..	Rs. 20,000	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate is awaited. Item No. 56, class C works, budget of 1889-90.	
	Do. ..	Do. ..	81	Quarters for two Staff Sergeants at Pudukot.	C	Rs. ..	Rs. 3,500	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate is awaited. Item No. 58, class C works, budget of 1889-90.	
(4) Staff and Miscellaneous.	Do. ..	Do. ..	82	Quarters for a Conductor, Commissariat department.	C	Rs. ..	Rs. 4,000	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate is awaited. Item No. 59, class C works, budget of 1889-90.	
	Do. ..	Do. ..	83	Constructing a wheat godown at Teynampet.	C	Rs. ..	Rs. 5,950	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	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	Rs. ..	Rs. 3,500	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate of Rs. 3,500 was sanctioned in G.O., No. 1259 W., dated 30th April 1888. Item No. 54, class C works, budget of 1889-90.	
	Do. ..	Saidapet ..	85	Constructing a new road from the Mount Road direct to the slaughter-house.	C	Rs. ..	Rs. 3,468	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Rs. ..	Estimate of Rs. 3,468 was sanctioned in G.O., No. 551 W., dated 16th February 1888. Item No. 55, class C works, budget of 1889-90.	

(3) Commissariat buildings.

(5) General Cantonment Works.	Bellary	Guntakal.	87	New rest-house and site for the rest camp.	B	Rs. 8,040	Rs. 8,040	Rs. 8,040	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Estimate of Rs. 4,715 was sanctioned in G.O., No. 1198 W., dated 6th May 1889.
	Nilgiri	Wellington.	88	Connecting by means of iron pipes, the drinking-water well with the barracks.	B	Rs. 4,715	Rs. 4,715	Rs. 4,715	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Estimate of Rs. 2,846 was sanctioned in G.O., No. 1261 W., dated 1st May 1888. Item No. 56, class C works, budget of 1889-90.
	Presidency.	Bangalore.	89	Drainage of Royal Horse Artillery, Grass-cutters' lines at Ulsoor and preventing the fouling of the adjacent nullah.	C	Rs. 2,846	Rs. 2,846	Rs. 2,846	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	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.	90	Drainage, British Infantry barracks.	C	Rs. 8,112	Rs. 8,112	Rs. 8,112	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Estimate is awaited.
	Do.	Do.	91	Constructing box drains east and west of Parade barracks.	C	Rs. 4,184	Rs. 4,184	Rs. 4,184	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Estimate is awaited. Item No. 68, class C works, budget of 1889-90.
(6) Fortifications.	Do.	Fort St. George.	92	Remodelling the drainage.	C	Rs. 10,000	Rs. 10,000	Rs. 10,000	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Estimate of Rs. 4,300 was sanctioned in G.O., No. 1397 W., dated 4th June 1884. Item No. 69, class C works, budget of 1889-90.
	Do.	Madras	93	Flushing drains of Native Infantry lines at Rayapuram.	C	Rs. 4,300	Rs. 4,300	Rs. 4,300	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Estimate is awaited. Item No. 70, class C works, budget of 1889-90.
	Chingleput.	St. Thomas' Mount.	94	General improvements to the drains of the cantonment.	C	Rs. 10,000	Rs. 10,000	Rs. 10,000	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Estimate of Rs. 6,600 was sanctioned in G.O., No. 1963 W., dated 20th July 1889. Item No. 72, class C works, budget of 1889-90.
	North Arcot.	Vellore	95	Draw-bridge and gate for the Fort.	B	Rs. 6,600	Rs. 6,600	Rs. 6,600	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	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.
	West Coast.	Malapuran.	96	Constructing a fortified post.	C	Rs. 8,248	Rs. 8,248	Rs. 8,248	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Estimate is awaited. Item No. 73, class C works, budget of 1889-90.
(7) Staff and Miscellaneous.	Presidency.	Fort St. George.	97	Demolition of Wallajah ravelin and two lunettes.	C	Rs. 7,426	Rs. 7,426	Rs. 7,426	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	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.	98	Constructing a draw-bridge at the North gate.	C	Rs. 4,487	Rs. 4,487	Rs. 4,487	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Estimate is awaited. Item No. 75, class C works, budget of 1889-90.
	Do.	Do.	99	Demolition of out-houses, clearance of ditch, and completion of walls.	C	Rs. 10,000	Rs. 10,000	Rs. 10,000	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	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.
	Nilgiri	Ootacamund.	100	Constructing a latrine for the boys at the Lawrence Asylum.	C	Rs. 3,000	Rs. 3,000	Rs. 3,000	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Estimate is awaited. Item No. 76, class C works, budget of 1889-90.
	Do.	Do.	..	Reserve with the Government for incomplete Major works.	..	Rs. 11,768	Rs. 11,768	Rs. 11,768	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Estimate is awaited.
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	..

(5) General Cantonment Works.

(6) Fortifications.

(7) Staff and Miscellaneous.

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.
Madras District.			RS.	
	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—Perambur 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	
	Do. ...	Converting one Sub-Conductor's quarters, Commissariat Department, to Conductors' quarters by adding one room 18' x 16'.	576	Approved.
	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	Necessary.
	Do. ...	Constructing sick shed (50' x 12')—Transport Department.	1,200	
	Do. ...	Constructing a weighing-shed (30' x 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	

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.
Madras District—cont.			RS.	
	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	When funds are available.
	St. Thomas' Mount.	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. ...	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	Approved.
	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	When funds are available.
	Do. ...	Providing granite-stone flooring to the verandahs of the harness-rooms, west barracks.	540	
	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	Approved.
	Do. ...	Improving drains in cantonment.	1,500	
	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	

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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 or departments needed.	Approximate estimate of cost.	Remarks by the Commander-in-Chief.
Madras District— <i>cont.</i>	Vizianagrum.	Contagious disease shed ...	Rs. 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—Quarter-master 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	
Bangalore District.	Do.	Stone-floor to gun-shed, &c. ...	1,160	Necessary. Estimate already sanctioned by Government.
	Do.	Two Riding schools ...	1,150	
	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	When funds are available.
	Do.	Improving Staff Sergeants' quarters.	2,000	
	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	

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.
Bangalore District— <i>cont.</i>	Bangalore ...	Drains around the Married and Staff Sergeants' quarters, &c., British Infantry at St. John's Hill Barracks.	Rs. 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	When funds are available.
	Do.	Providing glazed slashes to the Staff and Married Sergeants' quarters, "Queen's Own" Sappers and Miners at St. John's Hill.	575	
	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	Approved.
	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	When funds are available.
	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 Depot.	890	Necessary.
Belgaum District.	Bellary ...	Renewing floor, No. II Magazine, Fort.	616	Very necessary.
	Do.	Reflooring Commissariat Store-rooms with asphalt.	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	

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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 or departments needed.	Approximate estimate of cost.	Remarks by the Commander-in-Chief.
Belgaum District— <i>cont.</i>	Bellary ...	Enlarging a well in the cantonment.	Rs. 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.
Southern District.	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	} Approved.
	Do. ...	Room for attendant on bed-ridden patients.	1,000	
	Cannanore ...	Alterations and improvements to the Government Bakery.	2,117	Desirable.
	Do. ...	Constructing quarters for the Hospital Purveyor.	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	} Necessary.
	Do. ...	Quarters for Hospital Purveyor, West Hill barracks.	1,163	
	Malapuram ...	Converting beer godown into a gymnasium for detachment.	790	} Very necessary.
	Do. ...	Providing a platform and pump to well.	1,110	

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.
Southern District— <i>cont.</i>	Malapuram ...	Quarters for Hospital Purveyor.	Rs. 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 asphalt floor to the Raquet Court.	600	
	Quilon ...	Renewing floor of hospital ...	1,970	Desirable.
	Do. ...	Two solitary cells ...	1,245	Approved.
	Do. ...	Armourers' shop ...	2,489	} When funds are available.
	Mangalore ...	Reflooring hospital—Madras Infantry.	695	
	Do. ...	Additions to Armourers' workshop.	790	} Approved.
Belgaum District.	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 dustbins 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	

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2604-5W
20-9-89
(In Press)

For a yearly grant being set apart for the ^{Sanitation} ventilation of native lines, is explained in the correspondence ending with my letter No. 2266 B of 12th August 1889, recorded ²³⁰ P.M.G. 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 Banacks at Thalassery, 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 Banack for 30 men at Calicut. The existing banacks 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 Banacks 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 banack 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 home and camp at Lintakul. 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~~ 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 Commissioner General may be for the execution of all Minor Works costing Rs 2500/- 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.

I have the honor to be
Sir

Yours obedient Servant
~~W. P. Smith~~ Brig. Genl.
 Quartermaster General.

W.

Military (18) Department.

No.

From

THE QUARTER MASTER GENERAL,

To

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

No. 2773.

Dated 9th September 1889.
Received 12

ENCLOSURES. 6.

Forwarding Schedules of Military Works requirements in connection with the Imperial Military Works Budget Estimate of the P.W. Dept. for the ensuing financial year.

all 31/9/89
M. 1009/89
M. S. 23-9-89

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 1889-90. 1889-90

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.
	Fort St. George.	Store-room, forge workshop—Arsenal.	rs. 520	
	Do. ...	A new bridge across trench in new park—Arsenal.	810	When funds are available.
	Do. ...	I. room alterations for theatre...	1,000	
	Do. ...	Pipes to carry off main water from the barracks—Officers' quarters, &c.	990	Recommended.
	Do. ...	Improvements to military prison.	810	
	Do. ...	New record shelves in the office of Commissariat Accounts.	1,860	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.
	Madras	Ordnance store-room—Beach...	1,250	
	Do. ...	Huts, infectious disease—Station hospital.	750	
	Do. ...	Regimental school—Perambur lines, Madras Infantry.	1,375	When funds are available.
	Do. ...	Shed to hold fire-engine at the Government Bakery.	820	
	Do. ...	Iron railings to passage in the Storekeeper-General's record-room—Commissary-General's office.	670	Approved.
	Do. ...	Drainage—Bakery premises ...	950	
	Do. ...	Gram-boiling shed—Mule lines.	1,500	When funds are available.
	Do. ...	Latrine for hospital—Rayapuram lines.	1,000	
	Do. ...	Converting one Sub-Conductor's quarters, Commissariat Department, to Conductor's quarters by adding a room 18' x 16'.	576	
	Do. ...	Store-room to 3 Warrant officers and 4 Sergeants' quarters—Commissariat Department.	1,000	Approved.
	Do. ...	Additional latrine accommodation—Army Clothing Department.	536	
	Do. ...	Granite stone foundation for machinery to wheel-wrights' shop—Gun Carriage Factory.	890	
	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' x 12')—Transport Department.	1,200	
	Do. ...	Constructing a weighing-shed (30' x 20')—Transport line, Puduket	1,200	Necessary.
	Do. ...	Constructing a cistern to hold Red Hills water at the Government Bakery.	530	When funds are available.

Madras Eastern District.

12

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.
Madras Eastern District—cont.	Madras ...	Constructing a slinging shed in the Body Guard lines.	836	When funds are available.
	St. Thomas' Mount.	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.	585	Vide G.O., No. 2557 W., dated 2nd November 1885. 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 in the 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	
	Pallavaram ...	Tiled-shed ...	636	When funds are available.
	Poonamallee.	Wall, new—Family quarters ...	1,000	
	Do. ...	Constructing new walls between the latrines of the family quarters.	730	Approved.
	Do. ...	Providing lightning-conductor to the station hospital.	2,400	
	Do. ...	Improving drains in cantonment	1,500	
	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	
	Do. ...	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.
Bangalore Division—cont.	Arkónam ...	Improving drains outside the compounds of the rest-house.	560	Approved.
	Bangalore ...	Royal Artillery—Latrine, Staff Sergeants' quarters, Royal Horse Artillery.	2,100	Very necessary on sanitary grounds.

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

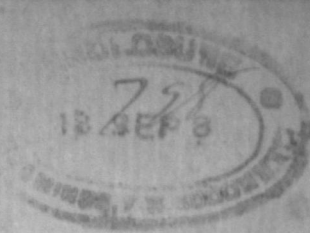
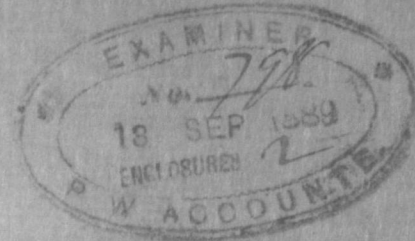
Division or district.	Station.	Description of buildings, &c., and for what corps or departments needed.	Approximate estimate of cost.	Remarks by the Commander-in-Chief.
Bangalore Division—cont.	Bangalore ...	Quarters, Battery—Quartermaster Sergeant, Royal Horse Artillery.	1,100	Desirable.
	Do. ...	Cook-house—Sergeants' mess, field batteries.	1,470	Necessary.
	Do. ...	Latrine for men—Stables, field batteries.	620	
	Do. ...	Board floor, recreation-room—Royal Horse Artillery.	1,240	Necessary: Estimate already sanctioned by Government.
	Do. ...	Stone floor to gun-shed, &c. ...	1,160	
	Do. ...	Two Riding schools ...	1,156	Very desirable.
	Do. ...	Latrine—Six seats for men at stables.	600	When funds are available.
	Do. ...	Camp equipage stores—Connecting with water-supply.	1,170	
	Do. ...	Latrine for followers ...	1,600	Necessary.
	Do. ...	North Station Hospital—Quarters for men of Army Hospital, Native Corps.	756	
	Do. ...	South Station Hospital—Quarters for men of Army Hospital, Native Corps.	924	
	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. ...	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.
	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	
	Do. ...	Drains around the Married and Staff Sergeants' quarters, &c., British Infantry at St. John's Hill Barracks.	710	Necessary.
	Do. ...	Two horse-stables for Staff Sergeants' quarters, Commissariat Department.	570	
	Do. ...	Two servants' quarters for do.	637	

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.
Bangalore Division— cont.	Bangalore ...	Quarters for one first-class Purveyor, North Station Hospital.	Rs. 800	Necessary.
	Do. ...	Do. for one second-class do.	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.
	Matigiri ...	Rebuilding the partition walls between the stalls of the forty horse-stables, Remount Depot.	890	Necessary.
	Bellary ...	Additions to the Gate Conductor's office—Arsenal, Bellary.	1,464	Approved.
	Do. ...	Renewal floor, No. II Magazine, Fort.	616	
	Do. ...	Reflooring Commissariat store-rooms with asphalt.	670	Very necessary.
	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	
	Do. ...	Compound wall for the quarters of the Army Hospital Corps.	1,346	
Ceded Districts.	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	When funds are available.
	Do. ...	Enlarging a well in the cantonment.	854	
	Do. ...	Converting No. 5 division workshop in the Arsenal into an office for the gate conductor.	1,464	
	Do. ...	Boarding portion of floor of the gymnasium, providing new horizontal bar and fitting up racks for dumb-bells.	1,050	Desirable.
	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.
	Wellington ...	Renewing floors of latrines and school block.	1,680	Necessary.
	Do. ...	Enlarging Purveyors' stores ...	2,000	Very necessary.
	Do. ...	Supplying cooking stove, Sergeants' mess.	800	Desirable.
Southern Districts.	Do. ...	Shed for dhooly-bearers and dhooly.	2,300	Approved, but estimate seems very high.
	Do. ...	A building for manufacturing blank ammunition.	1,000	
	Do. ...	A ward for lunatic men in the Station Hospital.	850	Necessary.
	Cannanore ...	Alterations and improvements to the Government Bakery.	2,117	Desirable.
	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.

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.
Southern Districts—cont.	Do. ...	Road to Transport lines ...	Rs. 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.	950	
	Do. ...	Servants' houses and stables for Apothecary's quarters, West Hill.	990	Approved.
	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	
	Do. ...	Providing a platform and pump to well.	1,110	Very necessary.
	Do. ...	Quarters for Hospital Purveyor.	1,250	
	Do. ...	Quarters for 7 men of the Army Hospital, Native Corps.	2,030	Necessary.
	Do. ...	Converting the old contagious disease ward into quarters for the Commissariat Sergeant.	2,270	
Belgaum District.	Quilon ...	Renewing floor of hospital ...	1,970	Desirable.
	Do. ...	Two solitary cells ...	1,245	Approved.
	Mangalore ...	Reflooring hospital—Madras Infantry.	695	
	Do. ...	Additions to Armourers' workshop.	790	
	Do. ...	Constructing permanent verandah for the Quartermaster's store, Native Infantry.	680	When funds are available.
	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 dustbins and providing six designation boards for hospital ward—31st Light Infantry.	671	Approved.
	...	Lump-sum provision for works costing below Rs. 500 each.	22,004	
	Total ...		1,50,000	



No. 4081C. (15)

Government of Madras.

27307

PUBLIC WORKS DEPARTMENT,

Chepak, 12th Sept. 1889.

OFFICE NOTE.

From

W

To

C.

With reference to the accompanying two lists of military minor works proposed by the Quarter Master General for execution during 1890-91, please state if any works therein mentioned are completed or under execution during the current official year.

2.- A yearly return of the lists is specially requested.

M. V.
12.9.89

15 D. W.

C. W.

M. V.

E.
N. W. 8657/89

No. 1322 of 14th Sept 1889

271 C No 865

To W.

None of the works in the two lists received with the above office note are under execution during the current of - ficial year, nor are any of them completed. They all appear to be new works.

2. The lists are herewith returned.

4/15

C.

16/9/89

R 14/9

Euc 2

12/10/9/89

2.2

No. 1159 W of 1-5-89

No. 675 W of 8-3-89

" 549 W - 22-2-89

" 3302 W - 17-10-88

" 3165-6 W - 8-10-88

" 3105-6 W - 4-10-88

" 1602 C - 27-3-89

" 3222-2 W - 11-10-88

" 1885 W - 23-6-88

" 1752 W - 13-6-88

" 1628 W - 4-6-88

" 869-70 - 16-3-88

" 1131 W - 16-4-88

Am 3.23.9-89

(16)

271 C



Schedule of the probable requirements of the Madras Presidency on account of military works for 1889-90.

Head of Expenditure	Locality	Item	Projects and Works	On account of Works				Remarks
				Major Works	Minor Works	Minor Works	Minor Works	
				Proposed Works	Estimated Works	Estimated Works	Estimated Works	
3	6	3	New barracks	4	4	4	4	See estimate of Rs. 1,66,985 was sanctioned in G.O. No. 4,855 of 19th February 1887. Revised estimate is awaited. Item No. 2, class A Works Budget of 1889-90.
		2	Institutes of British Regiments and Batteries in the Presidency	A				Estimates are awaited. Item No. 2, class B Works, Budget of 1889-90.
		5	Officers' Mess	B	35,000			Estimate is awaited.
		8	New barracks with subsidiary buildings	B	2,10,000			Estimate is awaited. Item No. 1, class C Works, Budget of 1889-90.
		9	Constructing two barracks and bath rooms on the second floor of No. 4 & 5. Fed Officers' quarters for the use of the officers of the Surgeon General, N. B. Forces and of his Secretary	B	4,900			Estimate of Rs. 4,900 was sanctioned in G.O. No. 2,362 of 16 July 1887.
		6	Constructing huts barracks for 100 men	B	30,000			Estimate is awaited. Item No. 1, class C Works, Budget of 1889-90.
		3	Swimming bath for British Infantry	B	7,644			Estimate of Rs. 7,644 was sanctioned in G.O. No. 2,423 of 19 July 1887.
		7	Constructing the Rangpet fort into a covered gymnasium for the use of the British Infantry Regiment	B	12,444			Estimate of Rs. 12,444 was sanctioned in G.O. No. 2,423 of 19 July 1887.
		4	New guards room for the Station Hospital	B	4,290			Estimate of Rs. 4,290 was sanctioned in G.O. No. 2,423 of 19 July 1887.
		19	Constructing an officers room for the Station Hospital	C	3,000			Estimate is awaited.
		10	Constructing a laundry for the Station Hospital	C	3,000			Do
		21	Constructing a block of officers' quarters to accommodate 6 battalions of the British Infantry Battalion	C	40,000			Do
		22	Constructing a block of officers' quarters for 6 battalions of the Madras Infantry	C	40,000			Do

Schedule of the probable requirements of the Madras Presidency on account of military works for 1887-90.

Head of Division	Locality	Item	Projects and Works	Original Works			Remarks
				Major Works	Minor Works	Total	
3				4	4	4	
	Kilgore	Wellington 23	Quarters for an assistant apothecary	4	23,093	4	18
	West Coast	24	Quarters for an apothecary West Hill Barracks	"	6,000	"	Do
	Do	Mangalore 30	Quarters for two hospital assistants	"	5,000	"	Do
	Bellary	Bellary 1	Roofing with Mangalore tiles the verandah of the British Infantry Barracks	"	5,500	"	Do
	Do	Do	Quarters for Garrison Surgeon Royal Artillery at Chief Veterinary Hospital	"	48,350	"	Do
	Do	Do	Quarters for shoeing smith and S. S. Smith at Do	"	3,758	"	Do
	Do	Do	Do	"	2,600	"	Do
	Do	Do	Enlarging and improving Chief Veterinary Hospital	"	8,490	"	Do
	Do	Do	Refractory hospital quarters for them	"	3,500	"	Do
	Do	Do	Barracks for servants quarters and bath	"	3,000	"	Do

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	Bellary	Bellary 16	Long as Mangalore tiled roof over the existing roof of the Station Hospital	"	4,647	"	Do
	Presidency Bangalore	31	Constructing a collar machine shop for the Royal Artillery	"	3,040	"	Do
	Do	Do	32-Battery office for 1 field battery	"	6,000	"	Do
	Do	Do	33-Store room for one field battery	"	5,000	"	Do
	Do	Do	34-Old new barracks for British Cavalry Regiment	"	32,500	"	Do
	Do	Do	35-Breaking alley to be omitted into a stable alley	"	2,800	"	Do
	Do	Do	36-Laundry and disinfecting room for both Stations Hospital	"	7,000	"	Do
	Do	Do	37-Quarters for Garrison Surgeon shoeing smith, line orderly and building for office Pharmacy, Sea Station Veterinary Hospital	"	9,230	"	Do
							386,988

Restimate of Rs. 4,647 was sanctioned in S. O. No. 1423 dated 29 May 1887

Restimate is omitted.

Schedule of the probable requirements of the Mexican Presidency on account of Military Wards for 1899-90.

Hrs	Division	Locality	Item No	Object and Work Done	Original Works				Remarks
					Major Works	Minor Works	Total	Total	
				Work done	Value	Work done	Value		
3	Presidency	Bangalore	38	Brick making shop, Queen's Arms Lappers and Minors	-	6,000	-	6,000	Estimate is awaited.
	King's Post Office	Thames	49	Verandahs round east of the stables of the two feet quarters	-	6,000	-	6,000	Do
	Bellary	Bellary	17	Infectious disease ward, cook-house and station hospital	-	6,140	-	6,140	Estimate of Rs. 6,140 was sanctioned in G.O. No. 320 dated 7 th February 1914. Item No. 1, Bellary C Works, Budget of 1914-15.
	Do	Do	18	Quartermaster's quarters for the Station Hospital	-	2,046	-	2,046	Estimate of Rs. 2,046 was sanctioned in G.O. No. 771 dated 7 th March 1888. Item No. 5, Bellary C Works, Budget of 1889-90.
	Mysore	Wellington	24	Quartermaster's stores and office for British Infantry Regiment	-	25,000	-	25,000	Estimate is awaited. Item No. 7, Bellary C Works, Budget of 1889-90.
	Do	Do	25	A ward to accommodate 35 men Station Hospital	-	20,000	-	20,000	Estimate is awaited. Item No. 8, Bellary C Works, Budget of 1889-90.
	Do	Do	26	Quarters for 3 hospital nursing ones	-	4,750	-	4,750	Estimate of Rs. 4,750 was sanctioned in G.O. No. 115 dated 21 st February 1888. Item No. 10, Bellary C Works, Budget of 1889-90.

Do	Do	27	Quarters for a sub conductor attached to the Army Head Quarter	C	7,500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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Schedule of the probable requirements of the Madras Presidency on account of military works for 1889-90

Head No.	Section No.	Locality	Item No.	Project and Works	Class	Original Works	Remarks
						Wages New Works	Minor Works
3	6	Presidency	43	Quarters for the Senior Apothecary, North Station Hospital	C	4,494,000	
	Do	Do	44	Quarters for the Assistant Apothecary, North Station Hospital	C	5,300	
	Do	Do	45	New military hospital on the site of the old fishing villages near the Presidency bottles	C	4,773	
	Do	Est. St. George	46	Garriens barracks to be done away with and new cook- houses to be built on the site	C	4,500	
	Do	Do	47	Repairs to floors of B.C.D. bldgs, family quarters	C	10,070	
	Do	Do	48	Construction of Cook houses and stables for the use of Officers	C	15,770	

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Do	Do	Do	51	Two staff bays to quarters 1st class	C	6,000	
Do	Do	Do	52	Coffee shop	C	9,000	
Do	Pallavaram	Do	53	One mortuary room for each of the three hospitals Nos. 1 to 3	C	3,000	
Do	St. Thomas'	Do	54	New kitchen and collar maker's shop for the sweet house	C	5,660	
Do	Do	Do	55	Sergeants' Mess for east barracks	C	5,400	
Do	Do	Do	56	Quarters for three medical Subalterns attached to the Station Hospital	C	8,000	
Do	Do	Do	57	Quarters for head quarters staff, Royal Artillery	C	12,000	

12

612,667

Chingmut St. Thoms 58 Battery office for 1st Regt
Artillery, East Barracks C

Do Do 59 Raising the roof of kitchen
room, Troop lines C

Chindung Bangalore 60 Public building for a
regiment of Native Cavalry A

Bellary Bellary 61 New saddle rooms for
Native Cavalry regiment B

Vijayapur Vijayapur 62 Reroofing the Hospital C

Do Do 63 Regimental stores for Native
Infantry, including stores
for camp equipage C

Bellary Bellary 64 Places of arms for a regi-
ment of Madras Infantry C

Do Do 65 School house for Native
Infantry Regiment C

St. Elgar Wellington 66 Quarters for 32 men, Strong
Hospital, Native Corps C

West Coast Barracks 67 Quarters for 11 men of the
Army Hospital, Native
Corps C

Chingmut Pallavaram 68 Quarters for 16 men of the
Infantry Regiment C

Do Do 69 Ammunition shops for Madras
Infantry Regiment C

Estimate of Rs. 9,700 was sanctioned
in L.A. No. 1532 of 23 May 1887.
Stem No. 35, below C Works, Budget of 1887.

Estimate of Rs. 4,200 was sanctioned
in L.A. No. 3137 of 17 December 1887.
Stem No. 36, below C Works, Budget of 1888.

Estimate of Rs. 3,170 was sanctioned
in L.A. No. 1532 of 23 May 1887.
Stem No. 37, below C Works, Budget of 1887.

Estimate of Rs. 30,000 was sanctioned
in L.A. No. 914 of 15 January 1889.

Estimate is sanctioned.

Estimate of Rs. 2,400 was sanctioned
in L.A. No. 2625 of 27 October 1887.
Stem No. 37, below C Works, Budget of 1887.

Estimate of Rs. 10,070 was sanctioned
in L.A. No. 914 of 15 January 1889.
Stem No. 38, below C Works, Budget of 1889.

Estimate of Rs. 3,030 was sanctioned
in L.A. No. 149 of 17 January 1887.
Stem No. 39, below C Works, Budget of 1887.

Estimate is sanctioned. Stem No. 40,
below C Works, Budget of 1887.

Estimate is sanctioned. Stem
No. 41, below C Works, Budget of 1887.

Estimate of Rs. 4,900 was sanctioned
in L.A. No. 324 of 18 February 1888.
Stem No. 42, below C Works, Budget
of 1887-90.

Estimate of Rs. 2,880 was sanctioned
in L.A. No. 3149 of 22 December 1887.
Stem No. 45, below C Works, Budget of
1887-90.

West Coast Locality 70 Sheds for transport animals at Locality A 3065

Belary Bellary 71 Commissioner's quarters and out houses C 3,500

Do Do 72 Shelter for transport carts C 3,600

Prindley Bangalore 76 Two quarters for warrant officers of the Commissariat Department C 11,000

Do Fort St George 79 New iron records shelves for the office of the Senior Commissioner Accounts C 7,790

Nilgiri Wellington 73 Quarters for a Milling Engineer, Commissariat Department C 7,500

West Coast Madras 74 Shelter shed for the Commissariat Department C 4,000

Do Do 75 Sheds for 12 bullocks and 10 mules C 2,824

Chingleput Guntur 84 Quarters for the Station Master attached to the slaughter house C 3,600

Do Do 85 Constructing a new road from the Mount Road direct to the slaughter house C 3,468

Prindley Madras 86 Workshops and sheds for carts and cattle draught Department C 20,000

Do Do 81 Quarters for two staff sergeants at the Depot C 3,500

764,559

11655-76121
2255 11655
Estimate of Rs. 2,205 was sanctioned in S.A. No. 2202 of 17 October 1888
S.A. No. 53, Class C Works, Budget of 1889-90

Estimate is awaited

Do Do

Do Do

Estimate of Rs. 7,790 was sanctioned in S.A. No. 2336 of 21 Sept 1889
Do

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Estimate is awaited. S.A. No. 49, Class C Works, Budget of 1889-90.

Estimate is awaited. S.A. No. 57, Class C Works, Budget of 1889-90.

Estimate of Rs. 2,824 was sanctioned in S.A. No. 1245 of 27 April 1888. S.A. No. 52, Class C Works, Budget of 1889-90.

Estimate of Rs. 3,600 was sanctioned in S.A. No. 1259 of 30 April 1888. S.A. No. 54, Class C Works, Budget of 1889-90.

Estimate of Rs. 3,468 was sanctioned in S.A. No. 54, Class C Works, Budget of 1889-90.

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Estimate is awaited. S.A. No. 56, Class C Works, Budget of 1889-90.

Estimate is awaited. S.A. No. 57, Class C Works, Budget of 1889-90.

Presidency Bndra. 82 Quarters for a Comdr, Commissariat Department C

Do Do 83 Constructing as ahead godown at Seymampet C

Do Bangalore 77 Quarters for a Comdr, Transport Department C

Do Do 78 Quarters for an Ambulance Hospital near battle line, Transport Department C

Estimate is available. Item No. 59, Balance C Works, Budget of 1889-90.

Estimate is available. Item No. 60, Balance C Works, Budget of 1889-90.

Estimate of Rs. 5,000 was sanctioned in L.A. No. 992 dated 16 April 1888. Item No. 61, Balance C Works, Budget of 1889-90.

Estimate is available. Item No. 62, Balance C Works, Budget of 1889-90.

7,44,637

4,000

5,900

5,000

3,000

General Construction Works. 4th

" " 86 Improving the sanitation of lines of Native Troops A

Nilgiri Wellington 88 Constructing, by means of iron pipes, the drinking water well with the Barracks B

Bellary Guntakal 87 New rest house and site for the Rest Camp B

Nilgiri Ootacamund 100 Constructing as latrine for the hospital at the Law House Agency C

Bangalore Bangalore 89 Drainage of Royal Horse Artillery, ordnance, officers' lines at Bellary and provisions, the fouling of the adjacent nullah C

20,000

4,715

8,040

3,000

2,840

8,01,710

Estimates are available.

Estimate of Rs. 1,77,150 was sanctioned in L.A. No. 1,998 dated 16 May 1889.

Estimate is available. Item No. 65, Balance C Works, Budget of 1889-90.

Estimate of Rs. 3,000 was sanctioned in L.A. No. 2,139 dated 14 July 1888. Item No. 66, Balance C Works, Budget of 1889-90.

Estimate of Rs. 2,840 was sanctioned in L.A. No. 2,611 dated 11 May 1888. Item No. 66, Balance C Works, Budget of 1889-90.

13

Presidency Bangalore	Drainage British Infantry Barracks	C	"	8,112.	✓
Do Fort St George	Remodelling the Drainage	C	"	10,000	
Do Madras	Flushing drain of Native Infantry Lines at Royapuram	C	"	4,300	✓
Lighthouse St Thomas's Mount	General improvement to the drains of the Cantonment	C	"	10,000	
Presidency Bangalore	Constructing box drains east and west of Parade Barracks	C	"	4,184	

Location	Item	Quantity	Unit	Value	Remarks
North Fort Vellore	95 Draw bridge and gate for the Fort	1		6,500	
West Coast Malabar	96 Constructing a fortified fort	1		8,246	
Presidency Fort St George	97 Demolition of Wallajah ravelin and two bastions	1		7,426	
Do	98 Constructing a draw bridge at the north gate	1		4,487	
Do	99 Demolition of out houses clearances of ditch and completions of walls	1		10,000	
				11,768	
				72,065	
	Total			84,833	

2730

(25)

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Schedule of the proposed requirements of the Madras Railway in accordance of Military Works, for 1890-91.

Head Expenditure	Location	Item	Original Works	Major Works	Minor Works	Refuge	Excess	Estimated	Remarks
			Major Works	Minor Works	Minor Works				
Chingpet Romanesque		1	New Barracks	A	50000				An estimate of Rs 166,885 was sanctioned in f.O. No 465 W dated 19th February 1899. Revised estimate is awaited. Item No 2 Class A. Warde Budget of 1887-90.
"	"	2	Structure of British Regiment and Battalion in the Peninsula	A	35200				Estimate is awaited. Item No 2, Class B Warde, Budget of 1887-90.
Bellary Barrack		3	Swimming bath for British Infantry	B	7644				Estimate of Rs 7,644 was sanctioned in f.O. No 2434 W dated 19th October 1885. Item No 1, Class C Warde, Budget of 1887-90.
"	"	4	New guard room in the Station hospital	B	4290				Estimate of the 4290 was sanctioned in f.O. No 1384 W dated 11th May 1888. Item No 3, Class C Warde, Budget of 1887-90.
Nilgiri Wellington		5	Officer's mess	B	30000				Estimate is awaited.
"	"	6	Constructing hut - barracks for 100 men	B	30000				Estimate is awaited. Item No 11 Class C Warde, Budget of 1887-90.

Buildings for European troops

Nilgiri Wellington		7	Constructing the largest cant with a covered gymnasium for the use of the British Infantry Regiment	B	11444				Estimate of the 11,444 was sanctioned in f.O. No 1593 W dated 15th July 1887. Item No 7 Class C Warde Budget of 1887-90.
Warwick Calicut		8	New barracks with subsidiary building	B	21000				Estimate is awaited. Item No 14 Class C Warde Budget of 1887-90.
Panditney Fort de France		9	Constructing two rooms and bath rooms on the second floor of No 445	B	4910				Estimate of the 4,910 was sanctioned in f.O. No 2236 W dated 16th August 1887.
Bellary Barrack		10	Roofing with Mangalore tiles the verandah of the British Infantry Barracks	C	48350				Estimate is awaited.
"	"	11	Quarters for Superintendent Royal Artillery at Chief Veterinary Hospital	C	5738				(26)
"	"	12	Quarters for Staff Sergeant and his orderly at Chief Veterinary Hospital	C	2600				27307

(1) Accommodation for Europeans

27307

Schedule of the probable requirements of the U. S. and Prussia on account of building works for 1889-90.

House Chm. -place	Residence D ^o	Residing D ^o	Stm No	Project & Well	Class	Original Cost	When in use	How used	How used	Remarks	Remarks	Remarks
	Ballany	Wellington	13	Exchanging & improving Chief Wellington Hospital	C	8490	50000					
	D ^o	D ^o	14	Warren's quarter and out house	C	3500						
	D ^o	D ^o	15	Warren's department and out house	C	3500						
	D ^o	D ^o	16	County & Mangalore telegraph and the existing roof of the station hospital	C	4647						
	D ^o	D ^o	17	Inspection disease ward, Cooktown and Platen hospital	C	6140						
	D ^o	D ^o	18	Parvey's quarters for the station hospital	C	3046						
	Wellington	Wellington	19	Quarters in open room for station hospital	C	3000						

No.	Particulars	Amount	Total
10	Constructing a laundry for the British Hospital	3000	
21	Constructing a block of officers quarters to accommodate 6 bachelors of the British Infantry Battalion	40000	
22	Constructing a block of officers quarters for six bachelors of the Cavalry - erect a Depot	40000	
23	Quarters for an Assistant Surgeon	6000	
24	Quarters for a Surgeon & Staff for British Infantry Regiment	25000	
25	Quarters to accommodate 35 men of the British Hospital	20000	
26	Quarters for 3 Hospital Purveyors	4750	
		58000	

Expenditure for Sundries

Nalini	Account	27	Expenditure for Sundries - attached to the Army the Quarter.	C	5000	7500	Expenditure is arrived. New No 12. Clear C. Water. Under 1889-90.
Do.	Do.	28	Expenditure for Sundries - Hospital building and St. Anne's Hospital.	C		3600	Expenditure for 3600 was saved in P.O. No 10882 of 29 April 1886. New No 1073, Clear C. Water, Under 1889-90.
Do.	Do.	29	Expenditure for Sundries - West Hill Hospital.	C	5000		Expenditure is arrived
Do.	Do.	30	Expenditure for Sundries - Ammunition.	C	5300		Do
Do.	Do.	31	Expenditure for Sundries - Collateral - Ship for the Royal Academy.	C	3040		Do
Do.	Do.	32	Expenditure for Sundries - Battery office for one field battery.	C	6000		Do
Do.	Do.	33	Expenditure for Sundries - Store room for one field battery.	C	5000		Do

(1) Expenditure for Sundries

Pending	Sundries	34	One new barrel for British Cavalry Regiment.	C	32500		Expenditure is arrived
Do.	Do.	35	Expenditure for Sundries - Cavalry for the Cavalry, all day.	C	2800		Do
Do.	Do.	36	Expenditure for Sundries - Cavalry for the Cavalry, all day.	C	7000		Do
Do.	Do.	37	Expenditure for Sundries - Cavalry for the Cavalry, all day.	C	9230		Do
Do.	Do.	38	Expenditure for Sundries - Cavalry for the Cavalry, all day.	C	6000		Do
Do.	Do.	39	Expenditure for Sundries - Cavalry for the Cavalry, all day.	C	3000		Do
Do.	Do.	40	Expenditure for Sundries - Cavalry for the Cavalry, all day.	C	10240		Do

Expenditure is arrived. New No 10882 of 29 April 1886. New No 1073, Clear C. Water, Under 1889-90.

Account of the work done

Presidency	Bayan	41	how a very low or Census in by the -men's then into order, men and women 12th Jan 1888	C	5000
00	00	42	Battery of men for Royal Artillery	C	5000
00	00	43	Quarters for the Artillery, built at the Hospital	C	5000
00	00	44	Quarters for the Artillery, built at the Hospital	C	4773
00	Madras	45	new building hospital on the site of the old filing village near the Presidency College	C	25000

Estimate is available.
Item No 17, Class C
was done at 1889-90

Estimate of Rs 5600 was
sanctioned in 1889-90 at
87th Sept 1888. Item No
18 Class C. Works done
of 1889-90.

Estimate of Rs 5300 was sanctioned
in 1889-90 at 27th Nov 1888.
Item No 20 Class C. Works done
of 1889-90.

Estimate of Rs 4773 was sanctioned
in 1889-90 at 5th April 1889.
Item No 21, Class C. Works done
of 1889-90.

Estimate is available. Item No
22, Class C. Works done at 1889-90.

(1) Account of the work done

00	00	46	Repair of floor of B.C.D. block, family quarters	C	4500
00	00	47	Repair of floor of B.C.D. block, family quarters	C	10000
00	00	48	Construction of new and old for the use of officers	C	15770
00	00	49	Veranda to round each of the 8 blocks of the enclosed battery	C	6000
00	00	50	Veranda to round each of the 8 blocks of the enclosed battery	C	3500
00	00	51	Veranda to round each of the 8 blocks of the enclosed battery	C	6000
00	00	52	Coffee shop	C	9000
00	00	53		C	1000

Estimate is available. Item No
24, Class C. Works done at
1889-90.

Estimate is available. Item
No 25 Class C. Works done
at 1889-90.

Estimate is available. Item
No 26, Class C. Works done
at 1889-90.

Estimate is available.

Estimate is available. Item No 27,
Class C. Works done at 1889-90.

Estimate is available. Item No 28,
Class C. Works done at 1889-90.

Estimate is available. Item No 29,
Class C. Works done at 1889-90.

Account of the work - Mission to the Indians

Chigpa Ballun	53	On working room for each of the three hospitals No 1-3	C	3000
St. John's Mission	54	Archery and other work shop for the West Bank No. 1	C	5000
D. 2	55	Repaired house for Elsohannan	C	750
D. 2	56	Repaired for three medical students attached to the station hospital.	C	8000
D. 2	57	Repaired for gun and staff, Royal Artillery.	C	12000
D. 2	58	Battery office for 11th Royal Artillery, East Borneo	C	3700

Account of the work - Mission to the Indians

D. 2	59	Raising the roof of kitchen room, Hospital	C	4200
D. 2	60	Part building for a repaired of the Chavacay.	A 20000 20000	
D. 2	61	New building room for kitchen and laundry	B	10000
D. 2	62	Raising the hospital	C	3000
D. 2	63	Repaired store for kitchen and laundry including storage for camp equipment.	C	3650
D. 2	64	Repaired room for repaired of the kitchen.	C	10070
D. 2	65	Repaired for kitchen kitchen	C	3020
D. 2	66	Repaired for 32 men kitchen	C	12380

(30)

Estimate is available. New No 30,
Class C. Work, Budget of
1889-90.
Estimate of the 5000 was saved
in 1889, 1889, 1889, 1889,
New No 31, Class C. Work, Budget
of 1889-90.
Estimate of the 5000 was saved
in 1889, 1889, 1889, 1889,
New No 32, Class C. Work, Budget
of 1889-90.
Estimate is available. New No 33,
Class C. Work, Budget of 1889-90.
Estimate is available. New No 34,
Class C. Work, Budget of 1889-90.
Estimate of the 3700 was saved
in 1889, 1889, 1889, 1889,
New No 35, Class C. Work, Budget
of 1889-90.

Estimate of the 4200 was saved
in 1889, 1889, 1889, 1889,
New No 36, Class C. Work, Budget
of 1889-90.
Estimate of the 3000 was saved
in 1889, 1889, 1889, 1889,
New No 37, Class C. Work, Budget
of 1889-90.
Estimate is available. New No 38,
Class C. Work, Budget of 1889-90.
Estimate of the 3000 was saved
in 1889, 1889, 1889, 1889,
New No 39, Class C. Work, Budget
of 1889-90.
Estimate of the 3000 was saved
in 1889, 1889, 1889, 1889,
New No 40, Class C. Work, Budget
of 1889-90.
Estimate is available. New No 41,
Class C. Work, Budget of 1889-90.
Estimate of the 3000 was saved
in 1889, 1889, 1889, 1889,
New No 42, Class C. Work, Budget
of 1889-90.

(1) *Deer Island* from the
Wingate, full moon of the
Corps.

West Coast Company	67	Deer Island full moon of the Corps.	C	3670	7000
Chapman & Co.	68	Deer Island full moon of the Corps.	C	4900	
Do	69	Deer Island full moon of the Corps.	C	2880	
West Coast Company	70	Deer Island full moon of the Corps.	A	3065	
Wells & Co.	71	Deer Island full moon of the Corps.	C	3570	
Do	72	Deer Island full moon of the Corps.	C		

(2) *Deer Island* from the
Wingate, full moon of the
Corps.

Wingate	73	Deer Island full moon of the Corps.	C	7500	
West Coast Company	74	Deer Island full moon of the Corps.	C	4000	
Do	75	Deer Island full moon of the Corps.	C	2824	
Pending Wingate	76	Deer Island full moon of the Corps.	C	11000	
Do	77	Deer Island full moon of the Corps.	C	5800	
Do	78	Deer Island full moon of the Corps.	C	3000	
Do	79	Deer Island full moon of the Corps.	C	7790	

Estimate is available. Item
No 43, Class C. Warden
Ward of 1887-90.

Estimate of 1890 was sent
in 1890. 3364 of 1890. 1886
Item No 44, Class C. Warden
Ward of 1887-90.

Estimate of 1880 was sent in
1880. 3364 of 1880. 1886. Item No 44
Class C. Warden, Ward of 1887-90.

Estimate of 1880 was sent in
1880. 3364 of 1880. 1886. Item No 44
Class C. Warden, Ward of 1887-90.

Estimate is available.

Estimate is available. Item No 44,
Class C. Warden, Ward of 1887-90.

Estimate is available. Item No 44,
Class C. Warden, Ward of 1887-90.

Estimate of 1880 was sent in
1880. 3364 of 1880. 1886. Item No 44
Class C. Warden, Ward of 1887-90.

Estimate is available.

Estimate of 1880 was sent in
1880. 3364 of 1880. 1886. Item No 44,
Class C. Warden, Ward of 1887-90.

Estimate is available. Item No 44,
Class C. Warden, Ward of 1887-90.

Estimate of 1880 was sent in
1880. 3364 of 1880. 1886. Item No 44,
Class C. Warden, Ward of 1887-90.

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(1) General Cont.

West Wall.

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2-130-1

D ^o	Improvements to Military Prison	800	When funds are available
D ^o	Constructing two solitary cells in the Military Prison	2,400	Very urgently required.
D ^o	Constructing a verandah in front of the Choultry gate now used as the Convalescent patients shed.	650	Necessary
D ^o	D Block Family quarters to be converted into permanent quarters for 3 sergeants & instructors. Make 200 Voluntary funds and donations, etc.	500	Approved
Madras D^o	Deemed to be necessary	1250	Necessary
Madras D ^o	Anti-infectious disease station hospital	750	When funds are available
D ^o	Requiem school - Perambalur - Madras Department.	1375	
D ^o	Shed to hold five engines at the Government Bakery	820	Approved
D ^o	Iron railings to persons in the St. Xavier's Hospital - Perambalur - Community fund office.	670	

Stock

D ^o	Drainage - Madras Prisoners	750	When funds are available
D ^o	For building shed - Madras Prisoners	1000	Approved
D ^o	Station for hospital - Madras Prisoners	1000	
D ^o	Constructing one building for quarters - Commissioned by Dept. to Madras Prisoners	576	Approved
D ^o	Station for quarters - Commissioned by Dept. to Madras Prisoners	1000	
D ^o	Additional latrine accommodation - Madras Prisoners	500	Approved
D ^o	Additional latrine accommodation - Madras Prisoners	500	
D ^o	Constructing one building for quarters - Commissioned by Dept. to Madras Prisoners	560	Approved
D ^o	Constructing one building for quarters - Commissioned by Dept. to Madras Prisoners	560	
D ^o	Constructing one building for quarters - Commissioned by Dept. to Madras Prisoners	1200	Necessary

Madras
2730

17398	1200	17398	1200	When funds are available
530	836	530	836	When funds are available
2310		2310		Approved
690	950	690	950	Approved
1200		1200		When funds are available
1500		1500		Most important
St. Thomas: Mount Commission - W. O. the public				
1200		1200		When funds are available
1500		1500		Most important
P. Watting, 1st Brigade				
560		560		Very necessary
470		470		When funds are available
700		700		When funds are available
800		800		When funds are available
880		880		When funds are available
1140		1140		When funds are available
1070		1070		When funds are available
5200		5200		When funds are available
33474		33474		When funds are available

17398	1200	17398	1200	When funds are available
530	836	530	836	When funds are available
2310		2310		Approved
690	950	690	950	Approved
1200		1200		When funds are available
1500		1500		Most important
St. Thomas: Mount Commission - W. O. the public				
1200		1200		When funds are available
1500		1500		Most important
P. Watting, 1st Brigade				
560		560		Very necessary
470		470		When funds are available
700		700		When funds are available
800		800		When funds are available
880		880		When funds are available
1140		1140		When funds are available
1070		1070		When funds are available
5200		5200		When funds are available
33474		33474		When funds are available

At Thonmunt Kront	Asked for shells of bullets etc.		
Pallavaram	Shed	636	When funds are available, approved.
D.O.	Store room for Regimental Camp		
	Epipage Madras Infantry Regiment	1,500	Approved
D.O.	Improvements to Sergeant's quarters	1,300	When funds are available
	Sanamallur Wall, new - Family quarters.	1,000	When funds are available
D.O.	Constructing new walls between the latrines of the family quarters.	730	
D.O.	Providing lighting, conduits to the Station hospital.	2,400	
D.O.	Improving drains in Cantonment.	1,500	
D.O.	Bullet shed - Commissioned Department.	570	Approved
Vizianagaram	New magazine - Madras Infantry.	1,530	Very necessary
D.O.	Improvements to hospital - Madras		

Disbited

Madras 2730-1

D.O.	Improvements to Ventilation - Madras Infantry.	565	When funds are available
D.O.	Canteen & dining shed.	917	Approved
Bekampore	Building for Commissioned Store and office.	1,200	When funds are available
D.O.	Extension of the main drains, Regt - Amritsar Lines.	1,000	Necessary.
D.O.	Construction of 2 wells.	1,000	When funds are available.
Arkonam	Improving drains outside the compound of the rest-house.	500	Approved
Bangalore	Royal Artillery - Latrine, Staff Sergeant's quarters, Royal Horse Artillery.	2,100	Very necessary, on saluting provided.
D.O.	Latrine, Battery - Amritsar Lines Sergeant, Royal Horse Artillery.	1,100	Desirable
D.O.	Cook-house - Sergeant's mess, field kitchen.	1,470	Necessary

Bangalore Disbited

Bangalore	Latrine for men - 10000, field latrine	50000	
Do.	Board floor, accommodation, room - Royal Marine Artillery	12400	} necessary
Do.	Store floor to finished	11600	
Do.	Two riding schools	11500	} necessary. Estimate already sanctioned by Government.
Do.	Latrine - 100 seats for men at stall	6000	
Do.	Camp equipage stores - Committed with water-chilly	11700	} When funds are available
Do.	Latrine for followers	16000	
Do.	South Station Hospital - Quarters for men of Army Hospital, Station Corps	92400	} necessary
Do.	North Station Hospital - Quarters for men of Army Hospital, Station Corps	78600	
Do.	Improving place - 10000 & horse etc	7000	

Product

Bangalore	Improving 10000 Sergeant's quarters	20000	} When funds are available
Do.	Improving road from race-course barracks to Hospital - house	14000	
Do.	Additions to examination station in Transport lines	15000	} Urgently required
Do.	Converting Sergeant's quarters into 10000000 quarters	10000	
Do.	Two grass sheds for the two field batteries	9200	} Very necessary
Do.	Constructing a stone drain in forage yard and clearing ground	14000	
Do.	Providing a boarded floor in the warehouse and as a fencing room	8000	} Approved
Do.	Living with 10000 the drain and a well of 100000000, 100000000	15380	
Do.	New drains in Transport lines to carry off water	11000	} Desirable
Do.	A room suitable for an office for the Quartermaster at the 100000000	11000	

Bangalore

Bangalore	Ment's Store, British Infantry.	77356 21600	1208
Do	Dance around the Manner's and Staff Sergeant's quarters, British Infantry at St John's Hill Bangalore.	760	Approved.
Do	Two horses - 1 stable for Staff Sergeant's quarters, Commissioner's Department.	570	Necessary
Do	Two servants' quarters for do	637	Necessary
Do	Quarters for one fire volunteer Paragon, North Indian Hospital.	800	Necessary
Do	Do - for one second class do	600	Necessary
Do	Providing glazed slates to the Staff and Manner's Benpaul's quarters. Quarters over Wapper's Manner's at St John's Hill.	575	When funds are available.
Do	Repair to the stairs of Royal Manner's Anticell.	2000	Do
Do	Shower bath for one Field Battery Royal Artillery.	2000	Do

Bangalore	Quarters for 2 Hospital Assistants of Queen's Own Sappers and Miners.	2165	2730
Do	Quarters for 2 Hospital Assistants for East Hunting Lines.	2165	Do
Do	Quarters for ward and Department's room, East Hunting Lines.	1620	Do
Do	Quarters for ward & Department's room, West Hunting Lines.	1620	Do
Do	Paragon Hospital, Bangalore of old apothecaries' quarters into quarters for 6 Hospital Assistants.	1000	Do
Do	Alterations to Infirmary, Stables.	747	Do
Do	Providing stone flooring for working the guns in the batteries of the Afghan Entrenchment.	993	Do
Malgieri	Rebuilding the partition wall between the stables of the 40 horse Stables, Remount & Depot.	890	Do
		99,108	P.T.O.

Belgium District	Belgium	Renewing of floor, No. 11 Magazine, Fort.	99/08 616	Very necessary
	Do	Replacing Commission's staircase with asphalt.	670	
	Do	Drain pipes repaired to be fitted around the building to catch the rain water from the roof.	1,040	Desirable
	Do	Whittle alley.	1,600	
	Do	Compound wall for the quarters of the Heavy Hospital Corps.	1,346	
	Do	Compound wall with 2 gates to enclose former hospital attached to the new hospital.	1,300	When funds are available
	Do	Compound wall for medical subdivision's quarters - Station Hospital.	530	
	Do	Enlarging a well in the Cantonment.	8574	
	Do	Improving present Barracks shop, Station Company, by adding a browsing room and opening a large window.	700	Very necessary

Belgium District	Belgium	Whittle alley for British Department.	1,600	When funds are available
	Do	Masonry wall around No. 11 Magazine. Repair to Magazine.	800	Do
	Do	Alterations and improvement to the former Provost prison.	2,144	Very necessary. Should be executed if possible in coming year.
	Wellington	Renewing floors of latrine and school block.	1,680	Necessary.
	Do	Enlarging Provost's stores.	2,000	Very necessary.
	Do	Supplying cooking-stoves, kerosene lamps, mess.	800	Desirable
	Do	Shed for shoes - kerosene & shoes.	2,300	Approved, but estimate seems very high.
	Do	A building for manufacturing blank ammunition.	1,000	Necessary
	Do	A ward for limited cases in this station hospital.	850	
	Do	Dividing the temple works of the station from old channel to new, under road - way at last end of staff block.	880	Approved

Wellington	Fixing iron band rails to the stair-cases of the hospital - estimate of barrackmaster	122473 705	15
Do	Improvements to the Station hospital and its water-supply.	530	Approved
Do	Room for attending on bed-ridden patients.	1000	
Canberra	Alterations and improvements to the Government Workshop.	2117	Desirable
Do	Constructing quarters for the Hospital Purveyors.	1326	Approved
Calcutta	Stable and harness-room for 12 mules for the Communication Dept. at West Hill Barracks.	1900	Approved, but something on a cheaper scale should be provided.
Do	Road to Transport lines.	1000	Approved, if such a road is found necessary then a site for the new line is finally settled.
Do	Extension of present wash & bath houses for the detachment.	950	Approved

Disbited

Calcutta	Stables, harness and stables for Artillery of 1st Cavalry, West Hill.	990	Approved 16
Do	Quarters for Native Army Hospital for 8 men.	1056	
Do	Quarters for Hospital Purveyors, West Hill Barracks.	1163	Necessary
Malepura	Converting barracks into a dispensary for detachment.	790	Very necessary.
Do	Providing a platform & pump to well.	1110	
Do	Quarters for Hospital Purveyors	1250	(4)
Do	Quarters for 7 men of the Army Hospital Native Chaps	2030	Necessary
Do	Converting the old cantonment disenclosed into quarters for the Communication & Sappers.	2270	
Do	Raising the roof and improving the structure.	700	Approved

South

2730

> *See them at.*

Back again at

Maeypuram	Renewing asphalt floor to the Regent Court.	1,63,360	Approved
Lincom	Renewing floor of hospital	600	Decided 1/7
Do	Two toilet and p.c.c.	1970	Approved
Do	Armourer's shop	1245	
Mangalore	Reflooring hospital - Madras Infantry	2487	
Do	Additions to Armourer's workshop	695	} Munford on inside
Do	Putting a tar composite floor in place of parus in kitchen & dining room - Madras Infantry	790	
Do	Constructing parapet walls to two wells, erecting wire fence line & providing 6 deep metal basins for hospital ward. - 8th division Infantry	653	
Do	Constructing a well in the compound of the Madras Infantry Hospital	671	Approved
	Compensation provision for under costing below the 5000 cost.	500	Do
		1,62,973	
		17,027	

2730

Total	170,000
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18 50 8

(42)

Mangalore District Bangalore.

Southern District Calicut.

4. Public buildings for a
Regiment of Station
Company.

5. Sheds for transport
animals.

20,000
20,000

3,065.

This sum represents
the balance of the
amount required
for the construction
of the shed.
at Calicut. Vide
O.G. No. 1636 W.
dated 22nd June 1889

(43)

27307

Quartermaster General's Office }
Batacamund, 9th September 1889 }

Quartermaster General's Office.
Batacamund.

12

overgrown & musty	7	New rest house and site for Rest Camp.	8,040	Stem 60 - do - do -
do. ✓ Bellary	7	Swimming Bath for British Infantry.	7,644	Stem 1 - do - do -
Southern District ✓ Wellington	8	Commencing procuring suit into a gymnasium for British Infantry Regiment.	11,244	Stem 9 - do - do -
Belgaum District ✓ Bellary	9	New saddle rooms for Native Cavalry Regiment.	10,000	Stem 40 - do - do -
do. ✓ Bellary	10	New guard room for Station Hospital.	4,290	Stem 3 - do - do -
Madras District ✓ Vellore	11	Draw bridge and gate Vellore Fort.	6,500	Stem 72 - do - do -

(44)

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31

Quarter Master General's Office
 Cochin 9th September 1889.
 W. P. R. K. S.
 Brigadier General,
 J. A. Quarter Master General.

27304

55 ~~86~~

(47)

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Quartermaster General's Office }
Postmaster General's Office }
September 1889 }

W. P. Munn

Quartermaster General
Postmaster General

Class C.

List of Major Works of less urgency, not yet commenced, for which funds are also required in addition to those provided in the Schedule circulated with the final issue of the Budget for 1889/90.

Command.	Station.	Work.	Est.	Remarks.
Southern District.	Wellington.	Station Hospital - constructing a room for Hospital Office.	3000.	✓
	Do.	Station Hospital - constructing a laundry.	3000.	✓
	Do.	Block of Officers' quarters to be accommodated via bachelors.	40,000.	✓
	Do.	of the British Infantry Battalion.	40,000.	✓
	Do.	Do. for six bachelors of Convalescent Depot.	6,000.	✓
Belgaum District.	Belgaum.	Quarters for an Assistant Apothecary.	5,000.	✓
	Belgaum.	Quarters for an Apothecary Master.	5,500.	✓
	Belgaum.	Quarters for two Hospital Assistants.	5,500.	✓
	Belgaum.	Re-roofing with Mangalore tiles the verandah of the British Infantry Barracks.	48,350.	✓
	Belgaum.	Quarters for four Superior Royal Artillery and Chief Veterinary Hospital.	3,738.	✓
	Belgaum.	Quarters for four Superior Ordnance and Ordnance Depot.	2,600.	✓
	Belgaum.	Quarters for four Superior Chief Veterinary Hospital.	8,490.	✓
	Belgaum.	Enlarging and improving Chief Veterinary Hospital.	3,500.	✓
	Belgaum.	Quarters for two Veterinary Hospital.	3,500.	✓
	Belgaum.	Commissioned conductors - Do.	3,600.	✓
Belgaum District.	Belgaum.	Shelter for transport carts etc.	3,500.	✓
	Belgaum.	Barracks Superior quarters and out-houses.	4,600.	✓
	Belgaum.	Re-roofing Station Hospital.	4,600.	✓

(8)

C.3
NW-85530/89

2730-1

Class B

Command	Station	Item No.	Work	Cash Expenses	Remarks
Southern District	Wellington	1	Officers' mess	30,000	Write letter at 746 Barrack of 25 July 1889 to the Secretary of Government Mtg. Dept.
Do.	Calicut	2	New barracks with subsidiary buildings	21,000	Item 14 class C. Budget 1889-90.
Do.	Wellington	3	Connecting by means of iron pipes, the drinking water well with the Barracks.	4,715	OG. 1190 W. dated 6 May 1889.
Madras District	Fort Saint George	4	Constructing two rooms with bath rooms on the 2 nd floor of Nos 4 and 5 Field Officers' quarters, for the use of the officer of the Surgeon General's forces and of his Secretary.	4,915	(49) Estimate before Government.
Southern District	Wellington	5	Constructing hut barracks for 100 men.	30,000	Item 11 class C. Budget 1889-90.

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Class. A.

Command.	Station.	Item. No.	Work.	Cost. Rs.	Remarks.
Madras District.	Tonnammallee.	1.	New Kanakas.	50,000.	
		2.	Institutes of British Regiments and Batteries in the Presidency.	35,000.	(58)
		3.	Improving the Sanitation of the Lines of Native Troops.	20,000.	

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List of works to be removed from the List of Class A Works printed in the Schedule included with the final issue of the Budget 1889/90.

Command.	Station	Item No.	Work.	Cost.	Reasons for removal.
Southern District Wellington.		9.	Gymnasium 2nd Royal Engineers.	10,000.	Entered as a Class B Work.
Do.	Cablest.	14.	A new Barrack with subsidiary building for 300 men.	20,000.	Do.
Do.	Do.	50.	Constructing a Government Bakery.	6,860.	Sum do provided. See 1889/1890 14. 9. 23rd June 1889.
Do.	Wellington.	11.	Constructing 1st Barracks for 100 men.	10,000.	Entered as Class B.
Do.	Cablest.	53.	Sheds for transport animals.	8,255.	Do. A.
Wellington District Newbury.		20.	New saddle rooms for Madras Cavalry Regiment.	30,000.	Do. B.
Do.	Do.	3.	Guard room for Station Hospital.	4,290.	Do.
Do.	Guntakul.	65.	New Mess House and site for Rest Camp.	6,699.	5. Do.
Do.	Newbury.	1.	Swimming Bath, British Infantry.	7,644.	Do.
Do.	Do.	2.	Allocations and additions to Military Station.	3,980.	Transferred to Minor Works list.
Do.	Do.	6.	Re-roofing verandah named range European Infantry Barracks.	13,307.	Sum do provided. See 1889/1890 14. 9. 23rd June 1889.

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List. E.

List of Military Works estimated to cost Rs. 2500/each or under, and for which funds are required in the Public Works Budget for 1897/98 in addition to those at pages 7-10 of P. M. S. No. 3105 N. dated 14th October 1897.

District	Station	Description of building etc and for what Corps or Department needed.	Approximate estimate of cost	Remarks by the Com. - Major-in-Chief
Southern District Malapurm.	Wellington.	Raising the roof and improving the sinking the surplus water of the reservoir from old channel is new, under road way at south end in a of staff block.	700.	Approved.
Do	Do	Laying iron hand rails to the stair-cases of the night latrine of barracks.	880.	Do
Do	Do	Improvements to the station.	705.	Do
Do	Do	Hospital and its water supply.	530.	Do
Do	Do	Room for attendants or bed-ridden patients.	1000.	Do

(52)

2730-31
33

List of Military Works estimated to cost Rs. 2500/- and less, which will have to be removed from the
at pages 7-11 of S. M. S. N: 3105. It dates 4th October 1885.

Lieut. F.

Commenced Station	Description of buildings etc, and for what Corps or Department needed.	Approximate estimate of cost.	Reasons for removal.
Belgaum. Mangalore. District.	Constructing a permanent warehouse for the Quarter Master's Stores, Native Infantry.	630.	Funds will be allotted this year from the General Officers' Commemorative Minor Works Allotment.
Do. Bellary.	Boarding a portion of floor of Gymnasium etc of British Infantry Regiment.	1050	Do. Do. —
Madras Fort St. George.	New mess a school for Office of Examiners of Commercial Accounts.	1860.	Transferred to Major de

(53)

48

24

48

48

E. 6
NW 8530/89

27301

27301

No. 2730 W
(54)

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 30th September 1889

2730
Read the following

From the Secretary Master
General. No 2773 dated 9 September 1889.
Official note from the Engineer
General. No 1322 of 11th September 1889.

20 P

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.

As
27/9/89

2. The sanctioned estimate
for the construction of public
buildings for the Madras Cavalry
Regiment at Bangalore is
Rs 30,533 and the current
year's budget grant for 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 Secretary Master
General reports that a sum
of Rs 20,000 should be
provided to admit of all
the buildings connected with
the

57

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 Quarter Master General
will be requested under the
orders of His Excellency the
Commander-in-Chief to state
whether any additions to the
sanctioned proposal 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 f.O. no 3302 W dated 17th
October 1888, but the Commissioner
General having reported
that the mule sheds were
not necessary, the estimate
was reduced by Rs 3,010
vide f.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 Quarter
Master General now proposes
to allot for the next official
year, the balance of the
original

(55)

21P

original estimate of Rs 11,265,
that officer will be requested
to report whether the mule
sheds are now required.

H. - 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 estimate
for 1890-91 unless plans
and estimates for them
have been previously
sanctioned.

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

H. E.

58

+ In the form

To
Superintending Engineers.
The Examining P.W. Accounts.
Director General of Ordnance.
Military Department.
Financial Department.

H.E. No 2731 W of 30 Sept 1889

To

The Secretary to the Government
of India.

Military Department.

Sir, ~~Wt~~ ^{Wt}

In forwarding herewith
a copy of
the Proceedings of the
Government No 2730 W dated
30th September 1889 and the
Schedule 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 ^{such} in the 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 these
works on the application of the
Ordnance Generaly Ordnance.

Cur
25.9.89
23.9.89
23.9.89
23.9.89

Requ

*Print on
envelopes*

*the day to day trip
for the day of course*
H.E. 27.11.89
R30/-

(56)

22 2730-1

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Govt. of Madras.

PUBLIC WORKS.

Dated *Print in*
Recd. *Emergency* Encl.

G.O. 30 Sep 1889 No. 2730-14

Imperial Milk Works

Orders in Schedule of
requirements in account
of — for 1890-91.

Imperial Milk Works

Formary schedule
of requirements in
account of — for 1890-91

(59)

210
10
30
20 collection
office

30/9-
30/9