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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 3530	Press Mis. _____
579-520	
Dated 22. 11. 1865.	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
22nd November 1865.*

No. 519. Read the following Proceedings of the Madras Government in the
Military Department:—

Passing orders on certain correspondence relative
to the arrangements proposed for the accom- } (Here enter 31st October 1865, No. 4,061.)
modation of the Troops in Bangalore.

No. 520. ORDER THEREON, 22nd November 1865, No. 3,530.

MILITARY WORKS, No. 22.

1. Communicated to the Superintend-
ing Engineer, 5th Division, for information
and guidance.

2. The Superintending Engineer will submit, at an early date, the plan and
estimate for the proposed Bakery at Bangalore. The work may, however, be pro-
ceeded with in the meanwhile, and the Government will be prepared to allot the
necessary funds on Lieutenant-Colonel Foord reporting the probable estimated cost
of the building.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 5th Division.
,, Military Department.
,, Controller of Public Works Accounts.
,, Accountant General.

Ed. S. T. Augustin.

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MILITARY DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers:—

From the Executive Engineer, Bangalore, 17th August 1865, No. 365; to the Superintending Engineer, 5th Division.

In accordance with the written instructions given me by His Excellency the Governor, I have the honor to submit the report called for by him on the following subjects.

- 1st. The location of one Regiment of Cavalry and two Batteries of Artillery on the race course Barracks.
- 2nd. The transfer of the European Infantry Regiment to the present Cavalry Barrack.
- 3rd. The conversion of the Barrack at present occupied by Her Majesty's 10th Regiment, to buildings to suit the purposes of the Commissariat Department.
- 4th. The water supply for all the Barracks.

In this letter I cannot report upon the subject of removing the Arsenal from the Fort to the Foot Artillery Barrack, because I have not as yet obtained sufficient information to enable me to put the subject properly before Government. This question must therefore form the substance of a future report.

The following block plans accompany this paper.

- 1st. Block plan of race course Barracks shewing what the general distribution of the buildings will be if one Regiment of Cavalry and two Batteries of Artillery are accommodated in them.
- 2nd. Block plan of present Cavalry Barrack, shewing what the general distribution of the buildings will be when it is altered to accommodate an Infantry Regiment.
- 3rd. Block plan of present Infantry Barrack, altered to suit the requirements of the Commissariat Department.

Race Course Barrack.

His Excellency the Governor's belief, that the eight blocks of Barracks and the re-creation room would accommodate one Cavalry Regiment and two Batteries of Artillery, has proved quite correct. The following calculations will shew this clearly.

The total number of square feet of accommodation in one range (inclusive of one inner verandah, the other inner verandah being reserved as a dining room) is 8,172. At 85 superficial feet per man, (the allotment fixed for Bangalore) each range could accommodate almost exactly 96 men. But on account of the positions of some of the doors and arches, no more than 91 beds can be conveniently arranged in the block. The four blocks, therefore, can well accommodate $91 \times 4 = 376$ men.

The re-creation room contains 6,138 superficial feet of accommodation, and at 85 superficial feet per man would accommodate 72 men.

The total number of men, therefore, which could be accommodated in the four blocks of Barracks and the re-creation room, would be $376 + 72 = 448$ men. This is 29 in excess of requirement, supposing the full per centage of the requirement to be married. Considering that most of the requirements are in excess of the allotted strength—it would perhaps be as well to retain this extra accommodation.

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Controller of Accounts

23 November

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once the pipes already indented for from England are received in Bangalore, I would most respectfully suggest that, before a project for storing the water from the roofs of the buildings is prepared, the capabilities of the Ulsoor tank, and of the reservoirs which can be formed in the valleys by which that tank is fed, be thoroughly tested. Every year a large quantity of water now runs to waste over the Calingulali of the Ulsoor tank. Only a few days ago the water was flowing at a level of 18 inches above the top, and the flow has been continuous, though not to such a height, for many days past.

The chief reason why I have taken the liberty to suggest that the project for collecting water from the roof of the Barracks should be deferred for the present, is that we have such an enormous amount of work in hand. I do not think the project could be done justice to unless other work in connection with the immediate occupation of the different Barracks by the Troops which are ultimately to occupy them is put aside.

In fact the arrangements proposed by His Excellency the Governor, for the accommodation of all the Troops in Bangalore, make every thing so complete, that I think it would be preferable to devote our time at first to the more important works. These are the buildings actually necessary for the accommodation of the Troops. It would be no small task to have the Plans and Estimates of the greater number of these buildings ready, in order to their being completed by the end of next official year. A glance at the Statements which accompany this paper will show the cost of these buildings. The total amount is Rupees 10,24,165. To prepare Plans and Estimates in detail for this amount of work will more than occupy this office to the end of next April.

No. 1419.

Enclosures.
3 Plans.
2 Statements.

SUPTG. ENGR.'S OFFICE, 5TH DIVN.,
SALEM, 5th September 1865.

Submitted to Government, with reference to His Excellency the Governor's observations forwarded with the Chief Secretary's letter, dated 29th June 1865.

(Signed) E. A. FOORD, Lieut.-Col., R. E.,
Supty. Engineer, 5th Division.

Referred to the Military Department.

(Signed) C. A. ORR, Colonel, R. E.,
Secy. to Govt., P. W. D.

7th September 1865.

Referred for remark to His Excellency the Commander-in-Chief, (Quarter Master General's Department) also to the Commissary General, with respect to the proposed conversion of the present European Infantry Barracks into buildings for Commissariat purposes.

19th September 1865.

From the Quarter Master General, Head Quarters, Ootacamund, 7th October 1865, No. 639; to the Secretary to Government, Military Department.

Referring to the Order of Government, dated 19th ultimo, forwarding for the Commander-in-Chief's remarks, plans for the distribution of buildings on the old race course in the present Dragoon Barrack square, and in the present Infantry Barrack square, together with a report from the Executive Engineer of Bangalore, I have the honor, by order of His Excellency the Commander-in-Chief to say, that

he quite approves—copies of the two first were submitted to His Excellency by the Officer Commanding the Division two months ago, and received His Excellency's assent.

2. With regard to the proposal by the Executive Engineer, that the Ulsoor water supply should be proceeded with, and the roof-water drainage project postponed till afterwards, His Excellency would observe that whichever plan is the quickest, he would give his support to, as the removal of the Dragoons into the new Barracks greatly depends upon it.

From the Commissary General, Madras, 21st October 1865, No. 4319; to the Secretary to Government, Military Department, Fort Saint George.

In returning the report of the Executive Engineer at Bangalore, I have the honor, with reference to your endorsement thereof to state that, when at Bangalore, I inspected the European Barracks, and entirely approve of the manner in which it is proposed to convert them into buildings for Commissariat purposes.

2. I also approve of the site chosen for the Bakery.

2. I would beg most strongly to urge the absolute necessity of commencing at once the construction of the Bakery, in order to afford accommodation for the costly machinery expected daily to arrive from England in the *Isabella Hircus*.

4. Dispatch in commencing and completing the building is the more necessary in that Powney the Mill-Wright has informed me that he has no intention of remaining in the country one day after the expiry of the twelve months for which he contracted to serve, and he has already been in India for a month.

ORDER, No. 4061, 31st October 1865.

Ordered that the foregoing letters from the Quarter Master General and Commissary General, be communicated to the Department of Public Works, with the general approval of Government to the measures proposed, as detailed in the correspondence submitted by the Superintending Engineer of the 5th Division. Immediate steps must, however, be taken for the construction of the Bakery at Bangalore, which, for the reasons stated in the Commissary General's letter, will be executed on emergency.

(True Extract.)

Almington

Deputy Secretary to Government.

To the Public Works Department, with five enclosures.
" Quarter Master General.
" Commissary General.

Exd. J. E. Cashart.

Public Works Department
123530 911

Proceedings of the Madras Government
Under date the 22nd November 1865
Read the following

Proceedings of Government in the
Military Department

(Passing orders on certain
Correspondence relative to the
arrangements proposed for the
accommodation of the Troops
in Bangalore.

(Here enter 31st October 1865 No 4061)

Communicated to the
Supy Engrs & Dr for informa-
tion & guidance.

The Supy Engineer will
submit at an early date the
Plan & Estimate for the proposed
Bakery at Bangalore. The
works may, however, be proceeded
with in the meanwhile, &
the Govt will be prepared to allot
the necessary funds and Col. Ford
reporting the probable estimated
cost of the building.

how can the work go on before
the Plan & Estimate has been
submitted & sanctioned - this is
part of the system which has caused
such confusion in the S.W. Dept
at Bangalore - nothing should
be done except preparatory
materials before the Plan &
Estimate has been approved by the
Govt

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