M.R.O. 1—82,400—23-11-53.

MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT.

G.O. No. 1426 Press Mis.

Dated 30-7- 18 57

Not to be folded or roughly handled

No. 95. Read the following Extract from the Minutes of Consultation in the Military Department, dated 22nd May 1858, No. 1777.

Read the following papers.

Extract from the Minutes of Consultation in the Public Works Department.

Referring a letter from the Chief Engineer, submitting for information and orders copies of correspondence relative to the Married Mens' Quarters at Bangalore, and notices that material deviations from the standard plan has been authorized by the Chief Engineer in Mysore. } (Here enter 20th April 1858, No. 728.)

Letter from Colonel F. A. REID, Quarter Master General of the Army; to Colonel C. A. BROWNE, Secretary to Government, Military Department, dated Ootacamund, 17th May 1858, No. $^{6}\frac{4}{87}$.

SIR,

I have had the honor of submitting to the Commander-in-Chief, the Resolution of Government dated the 24th April 1858, referring for the early notice of His Excellency, correspondence from the Chief Engineer relative to the married men's quarters about to be erected at Bangalore; Sir Patrick Grant desires me to say, that Colonel Green has accurately described what passed verbally between the Colonel and himself, regarding these buildings in his letter No. 2013, of the 25th of January 1858, to the Acting Superintending Engineer Bangalore.

The objection of the Honorable the Court of Directors seemed to His Excellency, to refer to the expense of the proposed quarters—that objection as shown by Colonel Green was obviated and the cost reduced.

The Commander-in-Chief hopes therefore that Government will consent to the quarters being proceeded with on the plan of which His Excellency approved—He considers it much preferable to the standard plan, and there is no excess of cost.

The Governor in Council authorizes the quarters being proceeded with on the plan approved of by the Commander-in-Chief.

A report of the deviation from the standard plan will be made to the Government of India in the Department Public Works.

(True Extract and Copies.)

(Signed) W. H. WAPSHARE, Major,
Ag. Dy. Secretary to Government.

No. 96. ORDER THEREON, No. 1406; dated 20th July 1858.

The Officiating Chief Engineer will, under the foregoing sanction, issue instructions for proceeding with the construction of the Married Men's Quarters in the Dragoon Barracks at Bangalore, on the revised plan and estimate of 90,000 Rupees approved in the Military Department; and a report of the deviation will be immediately furnished in this Department, for the information and approval of the Government of India.

(Signed) T. PYCROFT,
Chief Secretary.

No. 97. Ordered in consequence that the following letter be despatched.

From T. PYCROFT, Esq., Chief Secretary to the Government of Fort Saint George; to Major R. STRACHEY, Officiating Secretary to the Government of India, dated 20th July 1858, No. 1407.

SIR,

1. In para. 7 of Mr. Forbes' letter dated 27th March 1857, No. 560, this Government reported on a revised plan and estimate of 83,400 Rupees for eighty-nine married Privates' quarters, to be constructed in the old Dragoon Barracks at Bangalore, in supersession of a former estimate of 90,820 Rupees providing for the object, entered in the Budget of 1856-57. This revised estimate had been framed in accordance with the views communicated by the Honorable the Court of Directors, in a Despatch received with a letter from the Supreme Government dated 26th

December 1856, No. 6005, wherein they adverted to the large expenditure on married Soldiers' Barracks, and issued instructions regarding the plan on which such buildings should be constructed. On the plan revised to suit the instructions of the Honorable Court, the accommodation provided by the estimate of 83,400 Rupees consisted of a room 16 feet by 14 feet with verandahs on both sides, the one in rear being enclosed, and a room partitioned-off to serve as a child's or bath-room. To every quarter a cook-room and a privy were allowed; and twelve quarters, equivalent to the number of married men in a Troop or Company were to be built together; and similar ranges of buildings were to be constructed at distances of twenty feet. The foundation and basement were to be of rubble stone, with walls of brick and chunam 18 feet high. The roof was to have trusses of teakwood, with a tiled roof and ridge ventilator; and the roof of the verandah was to be a sloping terrace, with pillars and rear-wall 9 feet high. The materials and workmanship were to be of the best description procurable. The estimated cost of each quarter was 820 Rupees, and its proportional share for the out-houses 113 Rupees; making in all 993 Rupees, which was stated to be little more than half the cost originally estimated. No orders sanctioning the proposed work have yet been received from the Government of India, but in paras. 13 and 14 of the Budget Report of this Presidency for 1858-59, a report was furnished of the reasons, under which this Government were induced to authorize the immediate construction of the quarters which were represented to be a Military work of urgency.

2. I am now however directed to report, that under instructions from His Excellency the Commander in Chief, issued after personal inspection, the Engineer authorities prepared and submitted a fresh estimate of 90,000 Rupees, providing for one hundred and twenty quarters, which has been considered and approved by this Government in the Military Department, orders being at the same time issued to proceed with the work on the plan approved of by the Commander in Chief. This deviation from the standard plan laid down by the Honorable Court was brought to notice by the Chief Engineer at Madras; and from the correspondence submitted by him, it was observed that Colonel Green, the Chief Engineer of Mysore, had had several interviews both with the Commander in Chief and General Beresford Commanding the Division, and had in pursuance of instructions received at these interviews, called upon the Executive Engineer to revise the plan and estimate for the married-men's quarters. It would appear that the rate of the original estimate objected to by the Honorable Court was 1,381 Rupees for every quarter; that of the revised estimate of 82,400 Rupees, reported on in Mr. Forbes' letter of the 27th March 1857, Rupees 993; whereas that of the present estimate of 90.000 Rupees is only 750 Rupees for each quarter; the total amount of the estimate being larger than that of the second one, only by the increased accommodation provided, viz., 120 quarters instead of 89 The increased accommodation seems to be required in consequence of the larger number of Troops at present requiring shelter; Sir Patrick Grant remarking that the amount, 40,000 men, assumed by the Honorable Court in their Despatch No. 187 of 1856, hardly representing half the number of European Soldiers now in the country. The reduction in the rate of the estimate is to be accounted for, by the proposed employment of brick in clay in certain parts of the building, and of old materials as much as possible, such as doors, windows, rafters, reapers, &c.

3. It may be noticed that the Chief Engineer at Madras deprecated the use of clay in the walls of permanent buildings, as he is of opinion that economy alone is not to be consulted in the erection of these quarters; but the Government have acted on the views of His Excellency the Commander in Chief, who thinks that for the sake of reducing the expense, the materials for the walls might be of brick in clay, with a foot of chunam above and below, and with the cheeks of the doors and windows of the same. His Excellency approves of the ground plan; but is of opinion that verandahs 7 feet high will be sufficient, and walls 14 feet high, with a swing glass ventilator above the verandah, but dispensing with the ridge ventilator above, which, although invaluable as regards Barracks where a number of men are all crowded together, is of less importance in cottages containing only two persons, with perhaps one or more children, while the swing ventilator can be made so as not to be quite closeable. The wood work will be of teak, but the doors will not be more than 6½ or 7 feet in front, and 6 feet in rear of the quarters.

4. The Government trust that their proceedings in a work of Military urgency, will meet with the approval of the Government of India. The revised plan and estimate are submitted with this letter.

No. 1777.

Extract from the Minutes of Consultation, 22nd May 1858.

Read Extract from the Minutes of Consultation, in the Public Works Department, under date the 20th April 1858, No. 728.

From the Chief Engineer, 22nd March 1858, No. 8319; to the Acting Secretary to Government.

I lose no time in submitting for the information and orders of Government the accompanying correspondence* relative to the Married Men's Barracks about to be constructed at Bangalore.

* No 2355, dated 2nd March 1858, from Assistant to Chief Engineer, Mysore.
No. 234, dated 2nd March 1858, from Lieutenant Mayne, No. 2453, dated 16th March 1858, from Assistant to Chief Engineer, Mysore.
No. 2013, dated 25th January 1858, from Acting Superintending Engineer, Bangalore.
No. 1942, dated 16th January 1858, from Chief Engineer, Mysore.

2. It will be observed that under verbal instructions from His Excellency the Commander-in-Chief, the Chief Engineer in Mysore has authorized the Executive Officer to make material deviations from the standard plan lately sent out by the Honorable Court (and received from Secretary, Department Public Works, Government of India, for future guidance and adoption at Madras) in order mainly to reduce the cost, but I have declined to sanction any alterations without first receiving the authorization of Government; and I now beg to be informed whether such changes can be carried out without reference to the Government of India.

3. I do not imagine that economy alone is to be consulted in the erection of these buildings, which, under the orders of the 13th January 1858, No. 61, are to be proceeded with at once, and I would observe that changes so important should be more formally reviewed and authorized by the Right Honorable the Governor in Council, especially as the use of clay in the walls of permanent buildings is not only undesirable, but has been repeatedly prohibited.

From the Assistant to the Chief Engineer in Charge, Bangalore, 6th March 1858, No. 2355; to the Chief Engineer.

With reference to Extract Minutes of Consultation No. 61, dated 13th January 1858, I have the honor to submit a revised plan and estimate received from the Executive Engineer, Bangalore, amounting to Rupees (90,000) ninety thousand, for constructing the Married Men's Quarters to the old Dragoon Barracks with copy of Lieutenant Mayne's letter on the subject as per margin.†

† *No. 234, dated 2nd March 1858.*

From the Executive Engineer, Bangalore, 2nd March 1858, No. 234; to the Chief Engineer, Mysore.

1. I have the honor to submit the revised estimate for the Married Quarters for the old Dragoon Barracks at this station prepared according to plan forwarded with your letter No. 2013, dated 25th January 1858, with the exception of allowing for a trussed roof in lieu of a coupled one, the former being cheaper and some trusses having been already prepared in the work yard by my predecessor.

2. The amount of the present estimate is Rupees 90,000 for 120 Quarters being at the rate of Rupees 750 per quarter. By reference to the Records of the Office I observe the amount objected to by the Court of Directors as per Minutes of Consultation No. 183, dated 10th January 1857, was Rupees 1,381 per quarter. The amount of your estimate forwarded 15th November 1855, was Rupees 90,772 for 100 Quarters or Rupees 907 per Quarter, that forwarded by Major DeButts on the 19th February 1857 amounted to Rupees 83,400 for 89 Quarters or Rupees 937 per Quarter, this you will observe the present estimate is under two-thirds of the amount disallowed by the Honorable Court of Directors and I do not think could be built cheaper with any degree of comfort to the men.

3. As per Minutes of Consultation No. 61, Government order the immediate commencement of these Quarters and as the ground plan is approved of, I am making preparations for commencing the work at once.

From the Assistant to the Chief Engineer in charge, Mysore, 16th March 1858, *No.* 2453; *to the Superintending Engineer, Southern Circle, Mysore.*

With reference to the Extract of Proceedings of the Chief Engineer of
* *No.* 2013. Madras, I have the honor to forward copies of two letters* forwarded from
" 1942. this Office to Major DeButts on the subject of the Married Men's Quarters.

2. I cannot find in this Office any Official communication either from, or to His Excellency the Commander-in-Chief, but I know that Colonel Green, had several interviews with him, and General Beresford, on the subject.

3. I would refer the subject now to General Beresford if he were in Bangalore, but he left the station 2 days ago.

From the Chief Engineer, Mysore, 25th January 1858, *No.* 2013; *to the Acting Superintending Engineer Bangalore.*

With reference to previous correspondence, I have the honor to acquaint you that I have just been favored with the sentiments of His Excellency the Commander-in-Chief in regard to family quarters. Adverting to the great demand for all sorts of accommodation for European Soldiers, and that the amount of 40,000 men assumed by the Honorable Court in their Despatch No. 187 of 1856, will hardly represent half the number now in the country who will have to be covered, Sir P. Grant wishes you would have the goodness to revise your Plan and Estimate and reduce it as much as possible.

2. His Excellency approves of the ground plan, but is of opinion that Verandahs of 7 feet high will be sufficient and walls 14 feet high with a swing glass ventilator above the verandah as in your plan, but dispensing with the ridge ventilator above, which, though invaluable as regards barracks where a number of men all crowded together, is of less importance in Cottages containing only two persons, with perhaps one or more children and swing ventilator can be made so as not to be quite closeable.

3. With a view of further reducing the expenses of the material for the walls, might, it is thought, be of brick in clay with a foot of chunam above and below and with the cheeks of the doors and windows of the same.

4. The wood work should be of teak, and the doors not more than 6-6 feet or 7 feet in front and 6 feet for the rear ones.

5. His Excellency was pleased to allow me to read to him my letter No. 1942 dated 16th instant, to your address, and he desired me to inform you that he fully concurred in it and wished it to be acted upon, and the expenses reduced by the use of old materials as much as possible.

6. The amount of my original estimate was Rupees 907-11-6 $\frac{12}{0}$ for one Quarter with out houses complete. This was considered far too high as you are aware and it is hoped you may be able by the proposed modifications to make a very meterial reduction.

7. As there was a mistake regarding the former estimate which provided for 100 and not 50 men, His Excellency wishes to send in the new estimate as soon as possible before any orders are passed on your former one, dated 19th February last which in amount viz. 937-1-3 $\frac{13}{100}$ for individual Quarters really exceeded the original one to which exception had been taken.

From the Chief Engineer, Mysore, 16th January 1858, *No.* 1942; *to the Acting Superintending Engineer, Bangalore.*

I have the honor to acknowledge the receipt of your letter No. 172, dated 15th instant, applying for authority to sell the unserviceable materials taken from the 2nd Range Horse Artillery Barracks.

2. In reply, I beg to say that I would deprecate any thing being sold that could be again brought to account, and which I should suppose nearly all the materials might, that is the door and windows with frames, the afters, reepers, &c.

3. There are so many various purposes for which these materials might be made use in the extensive improvements going on, or in contemplation, that I think it would be wrong to sell them. For instance the married private's quarters and out-houses, doors and windows and pieces of wood of all sizes would come in, and adverting to the exception taken to the amount of the first estimate for the purpose by the Honorable Court of Directors, and to the daily increase in the price of wood, we should carefully store every thing that can be again used and made subservient to the reduction of the expenses.

Referred to the Military Department for consideration with reference to Extract Minutes of Consultation in that Department, dated 15th December 1857, No. 4585.

(True Extract.)

(Signed) H. FORBES.

Acting Secretary to Government.

Referred to the Commander-in-Chief for early notice.

24th April 1858.

From the Quarter Master General of the Army, Ootacamund, 17th May 1858, *No.* $\frac{2}{85}$; *to the Secretary to Government, Military Department.*

I have had the honor of submitting to the Commander-in-Chief, the Resolution of Government dated the 24th April 1858, referring for the early notice of His Excellency, correspondence from the Chief Engineer relative to the married men's quarters about to be erected at Bangalore, Sir Patrick Grant desires me to say, that Colonel Green has accurately described what passed verbally between the Colonel and himself, regarding these buildings in his letter No. 2013, of the 25th of January 1858, to the Acting Superintending Engineer Bangalore.

The objection of the Honorable the Court of Directors seemed to His Excellency, to refer to the expense of the proposed quarters—that objection as shown by Colonel Green was obviated and the cost reduced.

The Commander-in-Chief hopes therefore that Government will consent to the quarters being proceeded with on the plan of which His Excellency approved—He considers it much preferable to the standard plan, and there is no excess of cost.

The Governor in Council authorizes the quarters being proceeded with on the plan approved of by the Commander-in-Chief.

A report of the deviation from the standard plan will be made to the Government of India in the Department Public Works.

(True Extract and Copies.)

F. A. Wallinhall Lieut.
Ag. Dy. Secretary to Government.

To the Department Public Works. With 3 spare Copies
" Quarter Master General.

Exd. R. Spears.

S.W.D

No. 1406.

Extract from the Minutes of Consultation
Under date the 20th July 1858.

Read the following Extract
from the Minutes of Consultation
in the Military Department.

(Here enter 22d May 1858. No. 1777)

The Chief Engineer
will, under the foregoing
Sanction, issue instructions
for proceeding with the Con=
=struction of the Married Men's
quarters in the Dragoon
Barracks at Bangalore, on
the revised plan and esti=
=mate of 90,000 Rupees as
approved in the Military
Department; and a report
of the deviation will be
immediately

6 W. H.

Public Works Dept.
Cons: 20th July 1858
No. 1262.

Extract Bengal Military Consn.
in the Military Letters Recd

Dated 22d May 1858
Recd 1st June 1858

No. 1406 -
Rs. 90,000

Dated the Chief Engineer
in Mysore & Coorg
Bangalore 28th July 1858.

Cons: 20th July 1858 - No. 1184 to 1189.

Extract Bengal Military Consn.
in the Military Letters Recd

Dated 22d May 1858
Recd 1st June 1858

No. 1406 -
Rs. 90,000

Dated the Chief Engineer
in Mysore & Coorg
Bangalore 28th July 1858.

Received that Engineer
in Mysore & Coorg's letter
to the address noted on the plan
forwarded with the Summary
of Estimate by the Commissioner
in which the Deviations
the Standard Plan will be
submitted to the Board of Admin
in the P.W.D.

immediately furnished
in this Department for the
information and approval
of the Government of India.

J.P.

10 Copies to the Chief Engr.
Q&B 2 Sept.
A--- Ruby Depot

Public Works Dept.
No. 1407.

Lieut.-Col R. Strachey
Offg. Secy. Govt. of India,

Sir,

1. In para 7 of Mr. Forbes' letter dated 27th March 1857, No. 560, this Govt reported on a revised plan and estimate of 83,600 Rs for eighty nine married pioneers' quarters, to be constructed in the old Dragoon Barracks at Bangalore, in supercession of a former estimate of 90,820 Rs providing for the object, entered in the Budget of 1856/57. This revised estimate had been framed in accordance with the views communicated by the Honble the Court of Directors in a Dispatch received with a letter from the Supreme Govt dated 26th Dec. 1856, No. 6005, wherein they adverted to the large expenditure on married soldiers' barracks, and issued instructions regarding

A Copied Disp. to Govt. dated 27th July with Plan & Estimate &c

Public Works Dept. Dec. 20th 1857

C. 10146.

Lieut. Col. R. Strachey Offg. Secy. to Govt. of India, Public Works Dept.

Sir,

Referring to your letter No. 1407, dated 20th instant, I am directed to forward herewith a Plan and Estimate for 89 Pioneers' Quarters, to be constructed in the old Dragoon Barracks at Bangalore, in supercession of a former Estimate for 90 Pioneers' Quarters, dated 27th March last.

2. The Estimate amounts to Rupees 83,600 as detailed in the accompanying Abstract.

I have &c

(Signed) R. Pauls
Lieut. Col.
Chief Engr. & Secy. to the Govt. of India
Public Works Dept.

Fort William the 12th December 1857.

No. 9577 of 96.

From Govt of India 24 Dec
Rep. 28 Dec 2168 under
Ex. Rep. 28 Dec 2168 under
C.R. 29 Dec 2168 under

the plans on which such buildings should be constructed. On the plan revised to suit the instructions of the Honble Court, the accommodation provided by the estimate of 83,400 Rs consisted of a room 16 ft by 14 ft with verandahs on both sides, the one in rear being enclosed, and a room partitioned off to serve as a chiltas or bath room. To every quarter a cookroom and a privy were allowed, and twelve quarters, equivalent to the number of married men in a troop or company, were to be built together; and similar ranges of buildings were to be constructed at distances of twenty feet. The foundations & basements were to be of rubble stone, with walls of brick & chunam 18 feet high. The roof was to have trusses of teakwood, with a tiled roof and ridge ventilator, and the roof of the verandah was to be a sloping terrace, with pillars and rear wall 9 feet high. The materials and workmanship were to be of the best description procurable. The estimated cost of each quarter was 820 Rs, and its proportional share for the outhouses 113 Rs; making in all 993 Rs, which was stated to be little more than half the cost originally estimated. No orders sanctioning the proposed work have yet been received from the Govt of India, but in paras 13 and 14 of the Budget Report of this Presidency for 1858/59, a report was furnished of the reasons, under which this Govt were induced to authorize the immediate construction of the quarters, which were represented to be a Military work of urgency.

2. I am now however directed to report that under instructions from His Excellency the Commander in Chief, issued after personal inspection, the Engineer Authorities prepared & submitted a fresh estimate of 90,000 Rs, providing for one hundred and twenty quarters, which has been considered and approved by this Govt in the Military Dept, order being at the same time issued to proceed with the work on the plans approved of by the Comr in Chief. This deviation from the standard plans laid down by the Honble Court was brought to notice by the Chief Engr at Madras, and from the correspondence sub.

mitted by him, it was observed that Col Green, the Chief Engr of Mysore, had had several interviews both with the Comr in Chief and Genl Berresford Commanding the Division, and had in pursuance of instructions received at these interviews, called upon the Executive Engr to revise the plan & estimate for the married mens quarters. It would appear that the rate of the original estimate objected to by the Hon'ble Court was 1,381 Rs for every quarter, that of the revised estimate of 82,400 Rs, reported on in Mr. Forbes' letter of the 27th March/57, No 993; whereas that of the present estimate of 90,000 Rs is only 750 Rs for each quarter, the total amount of the estimate being larger than that of the second one, only by the increased accommodation provided, viz: 120 quarters instead of 89. the increased accommodation seem

to be required in consequence of the larger number of troops at present requiring shelter; Sir Patrick Grant remarking that the amount, 40,000 men, apprd by the Hon'ble Court in their Dis. Orders No 187 of 1856, hardly representing half the number of European soldiers now in the Country. The reduction in the rate of the estimate is to be accounted for, by the proposed employment of brick in clay in certain parts of the building, and of old materials as much as possible, such as doors, windows, rafters, reepers &c.

3. It may be noticed that the Chief Engr at Madras deprecated the use of clay in the walls of permanent buildings, as he is of opinion that economy alone not to be consulted in the erection these quarters; but the Govt have acted on the views of His Excellency the Comr in Chief, who thinks "for the sake of securing the

expense, the materials for the walls might be of brick in clay, with a foot of chunam above and below, and with the cheeks of the doors and windows of the same. His Excellency approves of the ground plans, but is of opinion that verandahs 7 feet high will be sufficient, and walls 14 feet high, with a swing flap ventilator above the verandah, but dispensing with the ridge ventilator above, which, although invaluable as regards barracks where a number of men are all crowded together, is of less importance in cottages containing only two persons, with perhaps one or more children, while the swing ventilator can be made to as not to be quite closeable. The woodwork will be of teak, but the doors will will not be more than 6½ or 7 feet in front, and 6 feet in rear of the quarters.

4. The Govt trust that their proceedings in a work of

military urgency, will meet with the approval of the Govt of India. The revised Plan and Estimate are submitted with this letter.

I have &c

WWB

Fort Saint George
20th July 1858

Public Works 1808 Dep.t
Cons.t 20th July

No 31467

To the Ferry to the Port
of Colombo.
Dr £120 July 1808

From Govt. of Ceylon D.t 12th Aug.t 08
Cons.t 26th Do

Respecting the assignment
and confirmation of the Government of
Ceylon the annuities granted by the
Government to the several Officers of
the Corps for the Barrier Island Lines
and Bungalow.

No 97

2 Lieuts 10