M.R.O. 1—32,400—28-11-30.

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Fin Dep. C. Vol.

G.O. No.	728	Press Mis.-
118-119		
Dated	20-4-	1858

Not to be folded or roughly handled

No. 118. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 22nd March 1858, No. 8319.

SIR,

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.

Letter from Captain C. V. WILKIESON, Assistant to the Chief Engineer in charge; to Colonel C. E. FABER, Chief Engineer, dated Bangalore, 6th March 1858, No. 2355.

SIR,

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.

Letter from Lieutenant J. O. MAYNE, Executive Engineer, Bangalore; to Colonel C. GREEN, Chief Engineer, Mysore, dated Bangalore, 2nd March 1858, No. 234.

SIR,

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.

Letter from Captain C. V. WILKIESON, Assistant to the Chief Engineer in charge; to Major E. LAW ORD, Superintending Engineer, Southern Circle, dated Mysore, 16th March 1858, No. 2453.

SIR,

With reference to the Extract of Proceedings of the Chief Engineer of Madras, I have the honor to forward the copies of two letters* forwarded from this Office to Major DeButts on the subject of the Married Men's Quarters.

* No. 2013.
„ 1942.

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.

Letter from Colonel C. GREEN, Chief Engineer, Mysore; to the Acting Superintending Engineer, Bangalore, dated 25th January 1858, No. 2013.

SIR,

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 $\frac{22}{100}$ for one Quarter without 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 material 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 wich in amount viz., 937-1-3 $\frac{12}{100}$ for individual Quarters really exeeeded the original one to which exception had been taken.

Letter from Colonel C. GREEN, Chief Engineer, Mysore; to the Acting Superintending Engineer, Bangalore, dated 16th January 1858, No. 1942.

SIR,

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 rafters, 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 privates qnarters 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.

No. 119. ORDER THEREON, No. 728; dated 20th April 1858.

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

(Signed) H. FORBES,
Acting Secretary to Government.

No. 234. Executive Engineer's Office Bangalore

From

Lieutenant J. C. Mayne
Executive Engineer Bangalore

To

The Chief Engineer
D. D. P.W.
Mysore

Sir,

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 Couple Roof 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 90000 for 120 Quarters being at the rate of Rupees 750 per quarter. By reference to the Records of this Office I observe the amount objected to by the Court of Directors per Minutes of Consultation No. 183 dated 10th January 1855 was Rupees 1381 per quarter. The Amount of your Estimate forwarded on 15th November 1855 was Rupees 90772 for 100 Quarters or Rupees 907 per quarter. That forwarded by Major De Butts on the 19th of February 1857 amounted to Rupees 83400 for

89

89 Quarters or Rupees 93 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 com
-menaement of these Quarters and as the
ground Plan is approved of I am making
preparations for commencing the Work
at once.—

I have the honor to be &c.

Bangalore
2nd March
1858

(Signed) J. C. Mayne
Executive Engr. Bangalore

(True Copy

W. Mitchell Capt
Asst to the Chief Engr in charge.

No 1942.
1857-58.

Mysore D. W. D.
Central Office.

To,

The Acting Superintending Engineer
Bangalore.

Sir,

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. On applying to my Head of Circle would depreciate any thing being sold that could be again brought to account, and which I should suppose nearly all the materials might, that is the doors and windows with frames, the rafters excepted &c.

3. There are so many various purposes for which these materials might be made use in the extensive improvements going on, & in contemplation, that I think it would be wrong to sell them. For instance

distance the married Privates 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 this purpose by the Honorable Court of Directors, and to the daily increase in the price of wood, &c &c should carefully store every thing that can be again used and made serviceable to the reduction of the expenses.

I have &c

Bangalore
16th January 1858.

(Signed) C. Gelen
Exec. Engineer.

/ True Copy /
(Signed) C. F. Nicholson. Esqr.
Assistant to the Exec. Engineer
in charge.

H.

No. 2013.
1857-58.

111K

To,

The Acting Superintending Engineer
Bangalore.

Sir,

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 demands 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. 18 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

sufficient and walls 14 feet high with a saving 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 are crowded together, is of less importance in Cottages containing only two persons, with the chance of more children and the saving ventilator can be made so as not to be quite closable.

3. With a view of further reducing the expenses of the materials for the walls, might it not be thought, to Colour in clay with a coat of chunam above and below and with the sheets of the verandah 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 22/100 for one quarter without Louvers 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 material 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

amount £ Stg: 937-1-3 12/100 for individual quarters really exceeded the original one ½ which exception had been taken.

I have &c

Bangalore — (Signed) C. Green
25th January 1858. — Chief Engineer.

/ True Copy /
/ Signed / C. F. Williamson Capt.
Assistant to the Chief Engineer
in charge.

No 2453.
57-58.

Mysore D. W.D.
Central Office.

From
Captain C. F. Williamson
Assistant to the Chief Engineer
in charge

To,
Major E. Lawford,
Supg: Engineer, Southern Circle.

Dated 16th March 1858.

Sir,

With reference to the Extract of Proceedings of the Chief Engineer of Mysore I have the honor to forward the Copies of two letters forwarded from this Office to Major De Butts on the subject of the Married Mens quarters.

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

No 2013
" 1742

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

I have &c.

(Signed) C. V. Mc Pherson Capt.

Asst. and to the Chief Engr. in charge.

/ True Copy /

H. M. Slater Colonel

Chief Engineer.

Comp. 1st

Majors Office, Chief Engineer
Cantonments Office 1911

No. 2355.

Sirs,

Captain A. V. Kautz
Assistant to the Chief Engineer in charge

The Chief Engineer
Fort Adams

Sir,

With reference to the enclosed Communication No 61 dated 13th January 1858, of Lieut. Col. Turner to Lieut. Col. Kearney, I have the honor to submit to Lieut. Col. Turner's recommendation from the Executive Engineer's Office, recommending to Capt. Kautz Chief Engineer in charge, the Barracks for Enlisted Men & Quarters for the Officers of Light Dragoons & Barracks with Cells for Prisoners.

No. 234 & 2 Encl. Majors Letter on the subject as per margin.
1858

Lieut. Col. Turner to the Engr.

Engineer Office
Cantonments
Barracks
5th March
1858

Captain A. V. Kautz Chief Engineer
in charge

&c.

Inclosure in Letter
from Capt. Kautz
to Genl. Totten
dated 5th March 1858

Date in 22.
Read } 5 March 58

No 8319
ORM 64/58

Copies of Correspondence in the Engineer Department

Executive Engineers Office
Bangalore
No. 234.

From

Lieutenant J. O. Morgan
Executive Engineer, Bangalore

To

The Chief Engineer
D. C. F.
Mysore

Sir,

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 yards 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

forwarded 15th November 1855 was Rupees 90,772 for 100 Quarters or Rupees 907 per quarter. That forwarded by Major Del Batto on the 19th Feby 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.

I have the honor to be &c.
(Signed) J. O. Morgan
Exc. Engr. Bngalore

Bangalore
2nd March
1858

True Copy
(Signed) C. V. Mathieson Capt.
Asst. to the Chief Engineer in charge

True Copies

W. Fisher Colonel
Chief Engineer

Comp'd

Central Office of War
York & Georgetown Railroad Co.

No 8319

From Mr. Chief Engineer

To

Mr. Secretary of Commander

Military Sir,

Have no time in addition to my
the information and orders of Government to
accompanying correspondence relative to the
Married Men's Barracks about to be en-
structed at Bangalore.

It will be observed that
by the Standard Courts of Inquiry & Reviews
Your Secretary Lieutenant Public Works
Government of India for Railway Purposes
and adopted as the Standard Plan to be
to reduce the Cost, but I have decline
to plan either any alternative without
first receiving the authorization of
Government; and I am by the
Commander

Enclosure 5

Enclosure in a letter
from the Chief Engr.
To the Secretary to Govt
Public Works

Dated 22 } In the /58
Rec'd }

No 8319.

Office of Correspondence on the subject
of Construction Standard
Guard Quarters at
Bangalore.

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 Sept/55 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.-

I have the honor to be
Sir,
Your most obt Servt

Fort St. Geo
22 March 1858.

C.E.
S.S.S. Circle

Chief Engr

To
The Secretary to
Government F.W.C.

Compd

Dft. Comm: 19 January 58 No. 5-0

Right Hon.ble Lord Panmure
Sent to the Govt. of India
20 July 1858.
No. 1407.
No 1184 119.

Ord. Wks 1858 Dep.t No. 20 Sheet No. 664.
Lieut. Col. Chief Engineer
&c &c &c
The Secretary to Govt
P.W.D.

Dated 22nd June 1858
Rec.d 26th Do

Enclo. 5 No. 3319
Secr: W. of Comm.rs Gaol Dep.t No. 22.
May 58 C No. 1262 in No. 20 July
Instructions, Specification, and Estimate, Copies of Correspondence & Plan & Section of the Married Men's Quarters at Bangalore, and notice which an actual deviation from the above plan has been authorized by the Chief Engineer in Mysore.
No. 728. 20th April 1858.
With an Order of

No. 728.
Referred to the Military Department for consideration with reference to the Minute of Comm.rs in that Department dated 15th December 1857 No. 4585.

Fort St. George
20th Apl. 58.
1 Copy to Engy Dep.t Dist.t 22.