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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.
Cur 3/5/39

G.O. No. <u>1007</u>	Press Mis.
<u>16-17</u> Dated <u>30-4-</u> 18 <u>59</u> .	

Not to be folded or roughly handled*3/12*
18-5-39

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*Proceedings of the Madras Government Public Works Department,
from 30th April to 3rd May 1859.*

No. 16. Read the following letter from Colonel C. E. FABER, Chief Engineer; to J. D. BOURDILLON, Esq., Secretary to Government, dated 16th March 1859, No. 8668.

In forwarding two letters from the Officer Commanding Mysore, under dates the 16th February and 3rd March 1859, Nos. 49 and—, reporting that the sum of Rupees 6,000 granted in Extract Minutes Consultation of the 16th July 1858, No. 1382, for the repair of the Roads and Parade Grounds in the Cantonment of Bangalore, is not sufficient to place them in order this year, and Estimating that for the purpose an expenditure of Rupees 12,000 in 1859-60, and of Rupees 6,000 in 1860-61, or Rupees 18,000 in the two years, will be necessary, I have the honor to request the orders of Government, as notwithstanding it appeared from the tenor of the sanction that it was intended to be an annual maintenance allowance, the item has been omitted from the "Printed Budget of 1859-60."

2. In other respects it is only necessary to call attention to the extreme importance of maintaining the Roads of a Cantonment like Bangalore in the most perfect condition, and the Parades in the safest state for the evolutions of Cavalry.

Letter from Lieutenant-General M. BERESFORD, Commanding Mysore Division; to Colonel C. E. FABER, Chief Engineer, dated Bangalore, 16th February 1859.

I have now been at work since June 1858 at the Roads of this Station, and I have only completed the repair of about half of them. I can conscientiously assert that I have endeavoured by every means in my power to control the expenses; I inspect them personally. The Deputy Assistant Quarter Master General is most attentive also to them and brings the Bills regularly to me; I have the superintendence of a trust worthy European Serjeant over a Native Overseer who is as honest as any I could get, and although I have only arrived at the end of the 10th month, I have expended within a trifle of the years' allowance. This has been caused by the utter neglect which I was necessitated to practice for two years past. In the expectancy of the conservancy, nothing was done, and in place of repairs I have had to construct many of the Roads anew. The amount allowed would be ample if I could start with the Roads in common repair, and I earnestly pray for such addition to enable me to do so as you shall judge reasonable. I assure you I feel very averse to ask for money from the Public Purse, when it can be avoided, but I feel quite unable to get the Roads and Parades of this Station in full repair in this the first year upon this allowance, and I shall find myself very soon in as bad a condition as when I began, and have to anticipate the same unsatisfactory result as I now describe.

Letter from Lieutenant-General M. BERESFORD, Commanding Mysore Division; to Colonel C. E. FABER, Chief Engineer, dated Bangalore, 3rd March 1859, No. 49.

No. 8165 26th February 1859. In reply to your letter as per margin, I will 1st observe that from the middle of February to the 1st rains expected about the middle of May, all Road making in this country is so difficult and expensive, that beyond trifling repairs it is considered more advisable to wait till the early rains fall—I had hoped to get through far more work before the hot season, but my funds failed, what I would now therefore propose is that I should be allowed to spend in the next 14 months, twelve thousand Rupees upon the Roads and Parades of this Cantonment. My Estimate would therefore be a sum as an extra for the initiative construction and repair equal to one years' allowance. In other words to spend 18,000 Rupees within the first two years and to be restricted afterwards to 6,000 per annum. I have to observe that the Brigade round upon which I have expended 500 Rupees will require probably 1,000 Rupees more to make it safe for Cavalry Drill—five Horses fell at my last drill day, which I attributed solely to the disrepair of the ground. Many of the Roads required entire new construction, I had to raise some several feet and many more are in same condition. I have previously explained the cause of this, I have only to repeat my assurance that I have taken all means in my power to get full value for the expenditure, and that I will still continue such close supervision, if you can obtain for me the necessary means for com-

Proceedings of the Madras Government Public Works Department,
from 30th April to 3rd May 1859.

pleting the work. I have not the least disinclination to give my best efforts to this object, but I own that if the means to complete it properly are not given to me, or if my requirement is thought too large, I should feel very happy to have the responsibility removed from me and the work given to your Department.

No. 17.

ORDER THEREON, 30th April 1859, No. 1007.

Para. 1. Referring to the representations contained in the letters from the Officer Commanding the Mysore Division of the Army which accompanied the above, respecting the condition of the Roads in the Cantonment of Bangalore, and the insufficiency of the amount allowed by the orders of the 16th July 1858 to put them in repair after their utter neglect for the past two years, the Government are of opinion that active measures should at once be taken for putting these Roads in thorough repair; and that they should afterwards be maintained in that condition by means of annual grants to be entered in the Budget. The Executive Engineer at Bangalore will immediately be instructed to prepare and send in immediately a careful Estimate of the cost of putting the Roads in good order, proceeding at the same time with the work in anticipation of sanction and another Estimate of the cost of maintaining them afterwards.

2. The Estimates will provide for the repair of the Cantonment Roads only. The repair of the Parade grounds will be provided for in the Military Department by a separate grant, and will be under the exclusive control and direction of the Military authorities.

3. As in the case of the Roads in the Cantonment of Saint Thomas' Mount, referred to in para. 11 of Extract Minutes Consultation 2nd May 1857, No. 850, the Officer Commanding the Mysore Division will be relieved of the charge of the Bangalore Roads, which will henceforward be under the exclusive charge of the Executive Engineer.

(Signed) J. D. BOURDILLON,
Secretary to Government.

3P

Central Office of P.W.
Fort St. George

16th March 1859

No. 8668

From

The Chief Engineer

To

The Secretary to Government

Military Sir,

In forwarding two letters from the Officer Commanding Mysore under dates the 16th Feb. and 3rd March No. 44 and —, reporting that the sum of Rs. 6,000 granted in Ex. M. Com. of the 16th July 1858 No. 1882 for the repair of the houses and parade grounds in the Cantonment of Bangalore is not sufficient to place them in order this year, and estimating that for the purpose an expenditure of Rs. 12,000 in 1859-60, and of Rs. 6,000 in 60/61, or Rs. 18,000 in the two years, will be necessary, I have the honor to request the orders of Government, as notwithstanding it appeared from the tenor of the sanction that it was intended to be an annual maintenance allowance, the item has been omitted from the Printed Budget of 1859/60.

Enc. 2. and 3. in
the enclosed

In

2. In other respects it is only
necessary to call attention to the
extreme importance of maintaining
the floor of a Cantonment like
Bangalore in the most perfect
condition, and the progress in the English
state for the evolution of Cavalry.

John D. George
16th March 1859

I have the honor to be
Sir,
your most obedt. Servant

Wm. Forbes Colonel
Chief Engr

To the Secretary to
Government P.W.D.

Memorandum

The first ex-
 posed the intention
 the mil. Dept., on the
 31st May 1858, to allow
 an annual sum for
 the work at St. George's
 & find this sum at
 6000 Vapors. The
 Lowen grandmills
 allowance is that the
 viz. for that now

27th Dec: 20 July 1858-1859

St. George's 1858-59
 27th Dec: 20 July 1858-1859
 to Mr. St. George's
 27th Dec: 20 July 1858-1859

St. George's 1858-59
 1858-59

St. George's 1858-59
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St. George's 1858-59
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St. George's 1858-59
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and

current. The first. Comg.
the ~~first~~ ^{first} ~~year~~ ^{year} ~~now~~ ^{now} ~~ask~~ ^{ask} ~~for~~ ^{for}
a ~~doubt~~ ^{doubt} ~~allowing~~ ^{allowing} ~~for~~ ^{for}
the ~~first~~ ^{first} ~~year~~ ^{year} ~~now~~ ^{now} ~~ask~~ ^{ask} ~~for~~ ^{for}
this ~~first~~ ^{first} ~~year~~ ^{year} ~~now~~ ^{now} ~~ask~~ ^{ask} ~~for~~ ^{for}
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is a ~~year~~ ^{year} ~~now~~ ^{now} ~~ask~~ ^{ask} ~~for~~ ^{for}
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first ~~year~~ ^{year} ~~now~~ ^{now} ~~ask~~ ^{ask} ~~for~~ ^{for}
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to ~~year~~ ^{year} ~~now~~ ^{now} ~~ask~~ ^{ask} ~~for~~ ^{for}

regularly also. ~~year~~ ^{year} ~~now~~ ^{now} ~~ask~~ ^{ask} ~~for~~ ^{for}
It is now time
also to ~~year~~ ^{year} ~~now~~ ^{now} ~~ask~~ ^{ask} ~~for~~ ^{for}
The allowance is to be
continued for ~~year~~ ^{year} ~~now~~ ^{now} ~~ask~~ ^{ask} ~~for~~ ^{for}
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~~year~~ ^{year} ~~now~~ ^{now} ~~ask~~ ^{ask} ~~for~~ ^{for}
Jan 24
The ~~year~~ ^{year} ~~now~~ ^{now} ~~ask~~ ^{ask} ~~for~~ ^{for}
ought to be under the ~~year~~ ^{year} ~~now~~ ^{now} ~~ask~~ ^{ask} ~~for~~ ^{for}
Office who has had it
a regular estimate for

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110

110

22/12/29

have been repaired
now just for the time
to be quite sufficient
for road - I think
one more should not
be delayed out of
a road just

W. M.

Revised to the L.P. 1/10/29

Mem.

The question for decision
is whether 6000 Rub. is to
be given for the north in Ban-
galur Cantonment this
year, in addition to the
6000 Rub. allowed for
the year - This question
Lawrence is not answered
in the notes, & I therefore
beg to send the papers
round again -

With respect to the
other question raised &
mentioned in the remarks,
viz. whether the Comf. off.

on the Eng^d officer should have
charge of work repairs in unit.
Continuum, I beg to point out
that the latest order on the subject
appears that in Eng^d. May 2/57, No
D 50, 12.9, to the effect that work
should be under the Eng^d. This
appears especially to the right
arrangement at Hampton.
where there is an Executive
Unit almost constantly resi-
dent - I may point out however
that this Executive is not raised
in the future before foot, but
only in the permanent work in
Continuum; so that no order
on the point is called for -
It may be added

that the idea has formed
for the add^d & want others
good; viz. that the work
has been wholly neglected
for 2 years - It is de-
sired however that the Genl.
orders of Provosts as well
as works; Provosts as well
as head truly remember
are not included in the
order - They require
however to be kept in re-
-fair; but this I think
shd. be by means of a
distinct grant, & by a
separately existing agency -

J. H. G.

Memo

The Council indi-
-cated by the Chief
Engr in his letter of
the 15th inst to the
P.D., should be adopted
L

Chief Engineer's Office
Apr 15/54
My dear Mr Carmichael,

I have attentively
read the papers which you
sent me this morning on
the subject of the Bangalore
Roads.

It is certain that
a regular allowance for
the maintenance of made
roads is indispensable
to prevent waste of money

as well as
annoyance to the people who
use them. I think, therefore,
that an amount ^{of} estimated
by the Executive Engineer
should be invariably
entered in the Budget
for the Bangalore Roads,
and that as the Roads
are at present in want
of a thorough repair, the
amount required for the
same should be separately

estimated & sanctioned for
889-60, the Budget of which
year contains no provision
for such a purpose. As
the 6000 Rs allowed on
the 31st of May/58 has
been wholly or nearly
expended, and the roads
are said to be still
in a bad state, it appears
very desirable that the
affairs should be pro-
ceeded with pending the
formation of an estimate

If the work is stopped, the
monsoon now at hand will
do damage which will actually
encrease the cost of repair.

I do not enter into the
question of the executive
charge because it has
been apparently settled
by the order of May 2/57
quoted by Mr. Bourdillon.
But the work should be
always under the direction
of the Executive Engineer.

Believe me
Sincerely yours
J. H. Bell

Memo. respecting Canton-
ment roads.

The subject of roads
and bridges in Military Can-
tonments will be found treated
of in paras 190 to 192 of the first
Report of the Pub. Works Com-
missioners. They proposed (para
191) that in every Cantonment
certain roads should be fixed
to be maintained at the Govt.
charge, that a mileage allow-
ance for them should be settled;
that from the total at each
place a deduction should be
made, equivalent to the proba-
ble yearly amount of the
grants from local sources
other than fines; that these in-
cidental sources of income may
be given up for local disposal, and

and that the accounts relating to such funds as also the expenditure from the mileage allowances should be subjected to regular audit by some authority.

The Commissioners further suggested (para 192) that where Govt servants were employed on the roads, their services should be paid for, and that tools and assistance ^{obtained} from the Government arsenals should likewise be paid for.

2. It does not appear from the papers in the office that the Engineer Officers ever pronounced an opinion in respect to the Cantonment roads being placed under their control or not. A proposal was made by the Com. ^{Letter from Dy. Secy Mr. Genl. 6 Dec/55 recorded in Ex. Mun. Com. Mtg. Sept. 4 City/56.} mandarin in chief for the supervision of Public Works in Cantonments being entrusted to the Quarter Master General's Department, the executive part being left to the Public Works Department.

Letter dated 21st Jan'y 1856 No. 432, recorded in S. & C. Mtg. Dep. 4 Feb. 1856.

3. Mtg. 32nd Jan'y 1857 No. 157 p. 6.

The Chief Engineer objected to the measure tending to charge the Public Works Department with duties that might clash with others more important, and as subjecting the Engineer to a double authority, and he recommended instead that the station staff Officer should in all cases be entrusted with the executive duties, the local Engineer being only a Consulting member of the Conservancy Committee. The Government did not anticipate the evils stated by Colonel Faber, and ruled that the station staff Officer at each Cantonment should be the Executive Officer for work under the Conservancy Committee, and that his estimates should be countersigned by the District Engineer and funds drawn through that Officer. It was observed that in all executive functions, the station staff Officer would take the place of an Executive Engineer, and would be under the general control of the District Engineer.

3. On the 16th December 1856, the Chief Engineer forwarded estimates for the Conservancy of the Military Cantonments in this Presidency, but

as those estimates provided for repairs and new works alike, they were returned to Colonel Faber in view to separate Col. 6 22nd Jan 1857 No 158 ones being prepared and submitted. These estimates have not since been resubmitted.

11. A misunderstanding having arisen between the Officer Commanding St. Thomas Mount and the District Engineer of Chingleput upon the question of whether the Superintendence of Public Works in that Cantonment is vested in the Staff Officer of the Mount under the orders of the Brigadier, or in the District Engineer, the Government on perusal of the correspondence which had passed on the subject, were led to reconsider the decision in the ^{order of} 22nd January 1857. They observed that if the station staff officers were to act as the Executive Officer of the Department Public Works in Cantonments, frequent misunderstandings would arise, and that the duty might not be properly performed from the want of professional knowledge and experience on the part of the station staff officers. They therefore considered it preferable to leave the executive entirely to

Staff 2nd May 1857 No 850/8.

Do do Jan 9.

to the Engineer's Establishment; and intelligent and well behaved Overseers therefrom being detached to the Cantonments for the execution of Public Works. But before deciding finally on the question, they called this the Military Department for the opinion of all Officers Commanding Military Cantonments. No further communication on the subject has been received from the Military Department.

April 1859-

Col

... respecting Can-
... roads

P.W.D.

N^o 1007

Extract from the minutes of Consultation
Under date the 30th April 1859.

Read the following
letter from the Chief Engineer

Letter dated 16th March 1859 N^o 5588

W.S.

Referring to the representations contained in the letters from the Officer Commanding the Mysore Division of the Army which accompanied the above, respecting the condition of the roads in the Cantonment of Bangalore, and the insufficiency of the amount allowed by the order of the 16th July 1858 to put them in repair after their utter neglect for the past two years the Government are of opinion that

that active measures should
at once be taken for putting
these roads in thorough repair,
and that they should after-
wards be maintained in that
condition by means of annual
grants to be entered in the
Budget. ~~They request that~~
~~for the Executive Eng.~~
at Bangalore ^{will immediately} be instructed
to prepare ^{and send in} immediately a
careful estimate of the cost
of putting the roads in good
order, proceeding at the
same time with the work
in anticipation of sanction
and another estimate of the
cost of maintaining them afterwards.

2 The estimates
will provide for the repair
of the Cantonment roads
only. The repair of the
Carrack ~~for~~ ^{for} ~~Prigade~~ grounds
will be provided for in the
military

31P
military department by a
separate grant, and will be
under the exclusive control
and direction of the military
authorities.

as in the case of the
roads in the Cantonment of
St. Thomas Mount, referred
to in para 11 of Extract Alms
Cour: 2d May 1857, of Rs 850, the
officer commanding the Mysore
Division will be relieved of
the charge of the Bangalore
roads, which will hencefor-
wards be under the exclusive
charge of the Executive Engineer.

Copy to the Chief Eng. Dept.
— a — a Milly Dept.

[Signature]

Public Works 1859 Dept.
Cons. 3^d May.

N. 1007.

17.5.
Pro. of the Madras Government.
D/30th April 1859.

Pro. of M. G. in the M. G.
Dep. 4/8th Oct. 1859 C. E. 2688.

Passing orders regarding
the roads in the Cantonment of
Bangalore.

N 16 & 17.