



EAST AFR. PROT

44991
27 DEC 07

No. 44991

Form No. 10
1907

1907

Previous Paper

(Subject)

Indian Dept. & Survey Dept. Estimates 1908-9

- 1. Has provided in 1908-9 Est. for his appraiser Chief Inspector of Farms of Secy for Admin approval
- 2. Submit

(Attention)

To S. H.:

It will be best to print first (on paper) & consider afterwards. We cannot deal with para: 1 (which involves three new apps instead of one) till we get the Land Office Estimates and the Survey Dept. Estimates will probably require some further attention in Division.

2/1
Mr. Bottomley
Refused
M.C. 8/1
etc.

See 4557

Previous Paper

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Governor's Office,

Nairobi,

December 12th 1909
 COO
 44391
 2/12/09
~~AFRICA PROSECUTORATE.~~

No. 225.

(Incl. 2.)

My Lord,

In reply to Your Lordship's despatch No. 887 of October 25th, I have the honour to report that provision has been made in the Estimates for 1908-9 for the appointment of Mr. Scholefield as Chief Inspector of Farms at a salary of £325/- per annum.

2. I have sanctioned the insertion of his slight increase in view of the fact that Mr. Scholefield is the senior of the three Inspectors estimated for and the excellent work he has done in the Land Office and trust that my action will meet with Your Lordship's approval.

3. With reference to paragraph 2 of Your Lordship's despatch under reply I have the honour to submit the Estimates for the Survey Department for the forthcoming year

Principal Secretary of State

for the Colonies,

Downing Street,

LONDON, E. W.

57-20 no. 312

year, which show a reduction of £7,342/- on the
estimate originally submitted to me. I transmit
to you the report by the Director of Surveys called for
in paragraph 4 of Your Lordship's despatch.

4. Your Lordship will observe that provision has
been made for a Topographical branch working in
conjunction with the Geometrical Branch.

I have the honour to be,

With the highest respect,

My Lord,

Your Lordship's most obedient,
humble servant,

Henry Buller

Director of Surveys Office,
Nairobi, November 22nd, 1907.

Sir,

I have the honour to furnish revised estimates. I have reduced the annual estimates by £7,242, so that they stand at £22,000. A consequential reduction of 1804. in Special Expenditure follows.

An examination of the figures will show that the bulk of the saving is made by reducing the Topographical Branch to one half the strength that I had proposed, by reducing the increase of staff asked for the Cadastral Branch to one half and by reducing the Reading Licensed Surveyors by 22,300.

Since framing these revised estimates His Lordship's despatch No. 383 of the 23rd October, 1907, has been passed to me, and two points mentioned in it require some remark.

In paragraph 3. His Lordship after drawing attention to the importance of Topographical work names as a suitable increase for the purpose 1 Subaltern officer and 2 Non-commissioned officers. I am of opinion that the proportion of 1 Subaltern and 4 Non-commissioned officers asked for in my present estimates, is a more suitable one for an officer

THE SECRETARY to the
ADMINISTRATION,
through HONBLE. COMMISSIONER LANDS
& TREASURER.

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officer would be capable of superintending adequately the work of 4 Non-commissioned officers and with a lesser staff we should not get full value for the proposed officer. In the event however of His Lordship's recommendation not being increased, I think that the money so saved ought to be devoted to the addition of an extra junior staff surveyor to the Cadastral Branch.

In the same paragraph His Lordship proposes that the above addition being made the "Trigonometrical Branch" would become the "Trigonometrical and Topographical Branch". To this I have no sort of objection and the only difference in my estimates would be to place the two under one heading. I think however that the requirements will be more clearly understood by my not making any alteration in my estimates. Such alteration can easily be made at home.

I have the honour to enclose a separate short report called for in para 4 of His Lordship's despatch.

I have the honour to call your attention to the fact that in accordance with the regulations I have already written a separate letter recommending increases of salaries in certain cases. I have been informed that only the case of Mr. Bunting is likely to be favourably considered this year. I attach considerable importance to his proposed increase of salary since his first agreement terminates next year and he would probably not continue to serve

if the increase proposed be not granted.

The time has now arrived when the most economical method of increasing the output of the Cadastral Branch is by beginning a Topographical Branch.

I now proceed to give the reasons for this statement which at first glance appears paradoxical. Cadastral surveyors are saved much time in reaching their work if they have a reliable topographical map to guide them. In the case of a systematic survey of a series of farms the existence of a topographical map would save about 30 per cent of preliminary work which would otherwise be necessary. Miscellaneous requirements such as the reconnaissance last year of the country south of Mombasa, or the ascertaining of the area of the Kenya forest could be undertaken without having to detail a Cadastral surveyor to leave his other work and specially perform it.

Topographical work is special work and can be both better and quicker done by a man specially trained for it.

Without telling him what my opinion was I asked the acting Deputy Director of Surveys, Cadastral Branch, how he would set about reducing the estimates of the Department if he was himself reducing them by £7,000. Mr. Townsend's reply was even more drastic than is my present scheme. He

said

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said he would take it all or nearly all of the
Cadastral Branch.

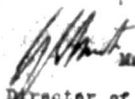
I have the honour to request you to draw His
Excellency's attention to the fact that the estimates
as now framed furnish an increase of the Department
which is less than that recommended by Major Hills
in his report; whereas my previous estimates were
framed in accordance with his recommendations. I
submit that this point should be brought to the
notice of the Colonial Office when the estimates
are sent home.

I have the honour to be,

Sir,

Your most obedient,

humble servant,


Major, R.E.,
Director of Surveys.

SHORT REPORT CALLED FOR IN PARAG-
 GRAPH 4 OF SECRETARY'S OF STATE
 DESPATCH NO. 583 OF 25th OCTOBER
 1907.

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TRIGONOMETRICAL BRANCH.

Up to 31st October, 1907, the Trigonometrical Branch had completed, since it was instituted, the triangulation of about 4,375 square miles of country in 1 1/2 years. The area of triangulation foreshadowed in Major Hills' report may be taken as about 86,000 square miles of which 9,000 square miles along the ^Tuba River is not likely to be urgently required for some time.

Omitting that part from consideration for the present of a total of about 27,000 square miles 4,375 have been completed in 1 1/2 years. So that at the present rate triangulation of the country would take 8 1/2 years more. I am of opinion however that a great deal of the work will go very quickly and I estimate the time required will be about five years.

TOPOGRAPHICAL BRANCH.

The only portion of the Protectorate which as yet has been satisfactorily mapped from the Topographical point of view is a strip along the Anglo-German Boundary. Some other reconnaissance work has been done, but from this point of view this work should be excluded from consideration.

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In my report of the 17th December, 1906, I stated that 46 sheets on the $\frac{1}{125,000}$ scale (about 2 miles to one inch) were immediately required. The area of these would be about 50,000 square miles. I estimate that the staff I ask for should survey ^{some of} about 8,500 square miles on the above mentioned scale. Such a staff would therefore require about 10 years to complete the work contemplated.

CADASTRAL BRANCH.

The Cadastral Branch has been very much hampered by the fact that large arrears of applications for land had to be dealt with and until these arrears reach more manageable proportions, systematic work cannot begin.

On the 1st December, 1906, these arrears of estates ordered for survey stood at 638,000 acres, on 1st of October, 1907, they had been reduced to 351,000 acres. It is likely that early next year these arrears may be reduced to small proportions. These figures refer to surveys demanded by the Land Office. That Office has considerable numbers of applications which they cannot yet pass to my department for survey.

In my report of 17th December, 1906, it was stated that the parts immediately requiring systematic Cadastral survey amounted to 36,000 square miles.

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12

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I estimate that with the staff now estimated for an output of about 800 square miles per year may be expected of systematic sheets. With the staff asked for the time required to complete the work would be about 45 years.

[Signature]
Major, R.E.,
Director of Surveys.

Nairobi,

22nd November, 1907.