

EAST AFR. PROT.
No. 34180

34180
Recd
16 SEP 06

Memor. No.
440

(Subject.)

1906
August 11

Microscopes

at previous Paper.

In memo. by act? P. M. D. agrees with proposals. Some more microscopes will be sufficient for present requirements. Advocates that they should be by duty of welfare

(Minutes.)

Vote for uplift from Signature B. C. A.

at once.

G. J. R.

1879

See minute on 34688.

Say that after consulting Sir P. Mason & the Supt of the London School of Trop. Medicine Sir S. P. considers that the ^{best} ~~best~~ ^{microscopes} ~~microscopes~~ ^{the former} ~~microscopes~~ ^{will be in at such} ~~microscopes~~ ^{as to justify the larger expense} involved in the purchase of the former & that the C.A. has accordingly been instructed to supply the latter adding that we hope to arrange that the former shall be carefully selected by an expert.

President may wish to see P. M. D. 14th 88 B.C.A.

10/17/06 - 621 - 2000-114

at subsequent Paper.

34588
1888

Commissioner's Office,

Nairobi,

August 11th

C O
 34180
 1900.
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 REG 15 SEP 06

AFRICA PROTECTORATE.

No. 440.

(Incl. 3.)

My Lord,

I have the honour to report that I am fully in
 accord with the suggestions made in Your Lordship's
 despatch No. 363 of June 25th that Medical Officers
 serving in the British Protectorates in Eastern Africa,
 who are able to use a microscope, should be supplied with
 one at Government expens.

2. As there are at present 15 useful microscopes, the
 property of His Majesty's Government, in use amongst the
 31 Medical Officers of the combined East Africa and
 Uganda Medical Department, the Acting Principal Medical
 Officer is of opinion that four more will be sufficient
 for our present requirements.

5.

H. M. Principal Secretary of State

for the Colonies,

Downing Street,

LONDON, E. C.

2. M. O.
August 9th.
Submission
do.

16360
ngi

3. I have the honour to submit a copy of a memorandum with enclosures by the Acting Principal Medical Officer advocating the purchase of microscopes by Leitz of Wetzlar or Zeiss of Jena. I venture to hope that the microscopes by Leitz may be selected in place of those by Crouch.

I have the honour to be,

With the highest respect,

My Lord,

Your Lordship's most obedient,

humble servant,



(In the absence of H.M. Commissioner)

C O
34130REC'D
REG 15 SEP 06MEMORANDUM.

The 15 Government microscopes in use in East Africa and Uganda are all by Crouch. Without wishing to say anything derogatory to the English makers, might I urge the desirability of the purchase of microscopes by foreign makers - e.g. Leitz of Wetzlar or Zeiss of Jena. No Medical Officer who could afford to purchase a microscope, would dream of investing in one by an English maker. A few possess their own microscopes and they are all of foreign make. Crouch microscopes are not very satisfactory, lacking that fineness of workmanship and delicacy of adjustment which is one of the features of the productions of the two firms named, and from complaints received they would appear to be more liable to get out of order. The lenses by English makers cannot be compared with others. One or two Medical Officers have purchased their own by Zeiss, costing £5 or £6, to use, instead of the Government one.

I am of opinion that interchangeable parts are of no more necessity to a microscope than they would be to a valuable chronometer; and a list of the contents of a box by any maker can be issued, as is the practice already in vogue in issuing from the medical store.

In accordance with your instructions I attach two requisitions for microscopes, one made out for ordinary Crouch microscopes, and another, which I should prefer to see substituted, for microscopes by Leitz of Wetzlar.

Sd/- A. D. Milne

Acting Principal Medical Officer,

Mombasa, 8th 1906.

Stand 1.

No.3 Large Microscope, inclinable, with hinged joint and clamping lever and fitted with round revolving centering stage. Coarse adjustment by rack and pinion, new fine adjustment by micrometer-screw, the head of which is graduated each division = $1/1000$ mm. Draw-tube with (see page 25 — 26) millimetre scale. Large illuminating apparatus with swing-out condenser and cylinder iris diaphragm (illustrated on page 21).

Mechanical stage, No.98.

Triple nose-piece.

Drawing eye-piece, No.93.

Micrometer eye-piece, No.94.

Achromatic objectives Nos, 1, 3, 6.

Oil-Immersion $1/12$, N.A.1, 30.

Eys-pieces 0, I, III, IV, V.

Magnifications 12, 1300 £29-10-0.

EAST AFRICA PROTECTORATE.

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Page 1

Indent No. _____

Quantity.	Description of Articles.	ESTIMATED COST IN ENGLAND.			Remarks or references to specifications or special notes (if any) on separate sheets.
		Rate.	Total.	£. s. d.	
4	Leitz's Microscope vide specification on separate paper.	29/10	118 . .		
Total estimated cost of the Indent . £.			118 . .		

The Indent should be prepared in conformity with the "Notes respecting the preparation of Indents" which accompanied Order-in-Council No. 2071 of the 21st April, 1902. The list of articles should be written on one side of the paper. Specifications or explaining notes which cannot be put in the margin should be written on separate sheets and attached to the Indent. Care should be used if necessary so that this page may be the last of the Indent.