they are entitled
amorphyte efforcing
to construct telegraph
and telephone lines
~~without~~
for purposes of railway
putiorano
without issue of
formal licence and
payment of fee Silverfay

Reply by tel:
remesado
whether you concur.
Vosoterai

Harcourt

own Agents.

Date.
1912
3 Apl.

t previous Paper.
.O.
9242

Copy to Sir P. Girouard - 24 Aug.
Sir P. Girouard reminded - 9 July
Reminded 17 July
21608

Subject.

Mombasa Water Supply Scheme.

Submits letter from messrs. Middleton Hunter & Duff regarding their recent report & contending that professional fee of £257. 10. 0 is fair and reasonable.

Sir P. Girouard.

What do you say?

HAB.

April 25.

I still adhere to my opinion that the fee is too high - the proposals of messrs. H & D have not been adopted, & completely new project & change of site proposed & adopted. The advice given was certainly valuable but was based entirely upon data furnished by the Govt. of the Protectorate.

29.4

Sir. G. Addes

~~to Read~~ : Give the C.A. the substance of

Subsequent Paper
21608

Wt.25,946—17. 40,000. 11/11. A.&E.W.

Sir P. Girouard's minute, & request him to communicate it to Messrs Middleton, Hunter, & Duff.

If they still refuse to reduce their fee, we have no alternative but to pay.

HAB.

April 29.

H 29/IV

Above 30

W. Read.

Major Carmichael informs me on the telephone that the C.A. fear that little is to be gained by communicating with Messrs Middleton, Hunter, & Duff as proposed in the letter on this paper, and they suggest that a course more likely to be successful would be for Sir P. Girouard to see the firm, and tell them, speaking from first-hand knowledge, what he thinks about their fee.

? ask Sir Percy privately if he is willing to do this?

HAB May 15.

at once
H. 15
next

W. Read. 157

I have spoken to Sir P. Girouard. He is willing to see Messrs Middleton, Hunter, & Duff, but he needs a copy of the correspondence, and he would like to be officially instructed.

I submit a draft. I am telling the C.A. to take no action on our letter on this paper.

HAB.

May 22.

E
291/9

WHITEHALL GARDENS,
LONDON, S.W.

23rd April 1912.

Sir,

I have the honour to acknowledge the receipt of your letter of the 26th March No.8901/1912, covering a copy of a despatch from the Acting Governor of British East Africa on the subject of the Consulting Engineers' charges for professional services in connection with the Mombasa Water Supply Scheme.

2. We communicated to Messrs Middleton Hunter & Duff a copy of the despatch and I enclose for the information of the Secretary of State a copy of their reply.

5 Apl. 1912

3. As explained in our letter of the 25th November we are not in a position to form a definite opinion as to the reasonableness of the amount charged.

I have the honour to be,

Sir,

Your obedient Servant

for Crown Agents.

The Under Secretary of State

&c. &c. &c.

Colonial Office.

Copy

April 15th. 1912.

E
391/9

Gentlemen,

East African Protectorate

Mombassa Water Works

We have to acknowledge receipt of your letter of March 30th. 1912, enclosing copy of Despatch from the Acting Governor of the East African Protectorate respecting our account dated November 17th. 1911.

When we received your valued instructions to inquire into and report upon a scheme of the extent and cost of that proposed for Mombassa, with the view, as we understand it, that the report should assist the Secretary of State to judge as to the sufficiency and cost of the scheme, we naturally felt that it was necessary to fully consider the proposal in detail.

Our report considered the question under four heads :-

1. The quality of the water.
2. The population to be supplied and its requirements for water supply.
3. The quantity of water available.
4. The works proposed to be constructed.

We gave our views upon each of these points, which we think would be of assistance in considering the whole question.

In regard to the works, we pointed out that there were certain features in the scheme which required modification

and amendment. Onggoing fully into the matter we found that the pipe line as arranged would not deliver the water proposed to be supplied and that it was necessary to alter the gradient of the upper length of the delivery main, which necessitated a deviation in the line of pipes. For the purpose of settling the inclination of the pipes it was necessary to make the longitudinal section to which exception is taken in the Acting Governor's Dispatch.

We also proposed that a Break Pressure Reservoir should be constructed at a level of 583 ft. above Datum so as to reduce the pressure upon the lower length of the delivery pipe.

We consider that both these modifications were improvements in the scheme, and as a matter of fact the pipe, as originally laid out, would not have delivered the quantity of water required.

In regard to the bridge across the Mwachi Creek we understood that the height of 40 feet above the water referred to the suspension bridge at the point "A" shown upon our plan, and not to the points "B" and "C" on the narrower part of the river. We submitted the drawing of this bridge to H. E. The Governor, who thought it not worth while to send it to Nairobi as he agreed in the view which was expressed by us in Paragraph 11 of the report.

If the same height of 40 feet is required at "B" and "C" the bridge can easily be altered to give the headway upon similar lines.

We went carefully into the estimates and showed that in some items they were insufficient and we therefore recommended their increase. The calculations necessitated considerable thought and work, without which it would have been impossible to give a reliable report.

We think you will agree that a report such as we submitted upon the Mombassa Scheme is valuable to the Colony, not simply in proportion to the time spent upon it, though this was necessarily considerable, but as giving our views upon the proposal based upon experience obtained during many years of important professional work.

From this point of view we submit that the charge of £257-10-0, about ½% upon the estimated cost of the works, is fair and reasonable.

We are, Gentlemen,

Your obedient Servants,

Messrs. The Crown Agents for the Colonies,

Whitehall Gardens,

S. W.

C.a / 12525 Earl

8 x 26

DRAFT.

Ca.

2 May 1912.

MINUTE.

Mr. Allen 2/5
Mr. Anderson May 1 6.3.
Sir G. Fiddes.
Sir H. Just.
Sir J. Anderson.
Lord Emmott.
Mr. Harcourt.

Sir,

I am directed to acknowledge the receipt of your letter E/29119 of the 23rd of April on the subject of the Consulting Engineers' charges for professional services in connection with the scheme for the Mombasa Water Supply.

2. In reply I am to inform you that ~~the~~ Sir P. Quiromard's letter has been considered, & is still

C.O. MAY

Ca / 12525 Earl

Sir J. C.

DRAFT.

Ca.

2 May 1912.

MINUTE.

Mr. Acel 2/5/12.
Mr. Anderson May 1/5.
Sir G. Fiddes.
Sir H. Just.
Sir J. Anderson.
Lord Emmott.
Mr. Harcourt.

Sir,

I am directed to acknowledge the receipt of your letter E/29119 of the 23rd of April on the subject of the Consulting Engineers' charges for professional services in connection with the scheme for the Mombasa Water Supply.

2. In reply I am to inform you that Sir G. Garvin of Messrs. Coode Coode & Wilson has consented, if it is still

of the opinion that
the charges are
excessive, seeing ~~in view of~~
~~the facts~~ that the
services of Messrs.
Middleton, Hunter, and
Duff have not been
utilised, and that a ~~satisfactory~~
~~work~~ project has been
adopted involving a
change both of gradient
of alignment. ~~however, whilst~~
He also
~~he H. has no wish to~~
~~condone the services~~
~~of the C. E., he feels~~
~~bound to~~ points out that
the advice given by the C. E.
~~which they~~
~~tendered~~ was based
entirely upon data
furnished by the Govt.
of the Sol ~~withdrawn involved~~ and

and that they were therefore
put to no expense or
trouble in obtaining the
information on which
~~found their report~~ 162
~~to form an opinion~~

3. I am to request
that you will communicate
the substance of this
letter to Messrs Middleton,
Hunter, & Duff.

(Signed) H. J. READ.

DRAFT.

MINUTE.

Mr.

Mr.

Sir G. Fiddes.

Sir H. Just.

Sir J. Anderson.

Lord Emmott.

Mr. Harcourt.

C. A.
12525

E. A. P.

C. D.
R. 22
D. 24/5

Sc

Ans d 21608

DRAFT.

24 May. 1912.

Colonel
Sir P. Girouard.
K.C.M.G., D.S.O., R.E.

Sir,

I am directed by
Mr Secretary Harcourt
to transmit to you
a copy of correspondence
relating to the fee
charged by Messrs.
Middleton, Hunter, and
Duff for their services
in connexion with the
Mombasa Water
Supply

MINUTE.

Mr. Butler. May 22
Mr. Read. 22/5
Sir G. Fiddes.
Sir H. Just.
Sir J. Anderson.
Lord Emmott.
Mr. Harcourt.

for consn.

C. A. Nov. 25.
(37996/11)

Gen. Y. 155. March 4.
(8901/12)

C. A. April 23.
(12525/12.)

DRAFT.

MINUTE.

Mr.

Mr.

Sir G. Fiddes.

Sir H. Just.

Sir J. Anderson.

Lord Emmott.

Mr. Harcourt.

C. A.
12525

E.A.P.

163

C. D.
R.
D.

Answ 21608

DRAFT.

Colonel
Sir P. Girouard.
K.C.M.G., D.S.O., R.E.

MINUTE.

Mr. Baker. May 22
Mr. Read. 22
Sir G. Fiddes.
Sir H. Just.
Sir J. Anderson.
Lord Emmott.
Mr. Harcourt.

for consn.

C.A. Nov. 25.
(37996/11)

Gov. No. 155. 4 March.
(6901/12)

C.A. April 23.
(12525/12)

24 May. 1912.

Sir,

I am directed by Mr. Secretary Harcourt to transmit to you a copy of correspondence relating to the fee charged by Messrs. Middleton, Hunter, and Duff for their services in connexion with the Mombasa Water Supply

Supply scheme.

2. Mr. Harcourt would be much obliged if you would take an opportunity of seeing Messrs Middleton, Hunter, and Duff and explaining to them the grounds on which you consider that the fee of £262. 10 which they ask is excessive, with a view to inducing them to make some abatement from their claim.

J. [illegible]

C. D.
R. 4 JUL
D.

CO 1252/12 163A

Col.

9 July 1912

Anon 21608

DRAFT.

Sir P. Girouard, K.C.M.G., D.S.O., R.E.

MINUTE.

Mr. Cunning 4/7
Mr. Butler 4 July.
Mr. Fiddes.
Sir H. Just.
Sir J. Anderson.
Lord Emmott.
Mr. Harcourt.

(M 1205)

Sir,

I am to enquire whether you have yet been able to carry out the suggestion made in the letter from this Dept of the 26th of May on the subject of the fee charged by Messrs Middleton, Hunter, & Duff for their services in connexion with the Mombasa Water Supply.

I am
Sir
Your obedient Servant
(Signed) H. J. READ.