

1924

S.R.R.A.

Gov.
CoryndonConf.
215DATE
11th September, 1924.

168

Kenya

L.G. 2776

16 OCT 24

Classification:-

Mr.

Ms.

Mr.

1st U.S. of S.

See G. 1/1 Sec 27

2nd U.S. of S.

3rd U.S. of S.

Secretary of State

Uganda Railway

Turkana-Malaiti Section.

Submit preliminary survey. Present for departmental construction in preference to home contract, and asks for telegraphic reply.

Previous Paper

A. 17306.

MINUTES

I have drafted to Crown Agents.

Percy
Hawkins

00

2200

10

Tending a reply from the Crown Agents,
one or two points can be dealt with.

1. Construction by main contract in Kenya.

Please see minutes on S.M. 15, and 10/24 U.

Mr. Walling had returned before this message
was sent off and to doubt reported fully the
discussions which had taken place here, but
he would naturally not wish to prevent the
Chief Engineer and the Governor from trying
their luck.

There are no new arguments. That of
lower cost is vitiated by the counter claim
of the "private enterprise" champions that
departmental estimates are unreasonably low
since any excess has to be made up and that

Subsequent Paper

G.A.
53309

M. Thomas
I'm afraid that this line
from Puerto to the Highlands
is very difficult and
a man collects tender land
most difficult here is
not very difficult. I think that
you should see the license
submitted by the Survey
Department etc. certainly
evidence that by the Survey
Department working soon
Crop section
Department of the
paper

30/8/24

21.11.24

Bending 23' from the Crown line

for two no 30' - 30' - 30' - 30'
several years
instructions by government
Pies individuals for the
1 acre open

30/11/24

KENYA.

No. 215.

CONFIDENTIAL.



C.O.

49270

GOVERNMENT HOUSE,

NAIROBI.

171

15th September, 1924.

Sir,

I have the honour to refer to Colonial Office telegram of the 6th August, relative to the construction of the Uganda Railway - Uganda Extension, and to transmit for your information and the consideration of the Consulting Engineers two copies of the Preliminary Survey of this Extension from Turbo in this Colony to Moulisutti in the Uganda Protectorate, together with two covering memoranda by the Chief Engineer of the Uganda Railway, commenting upon various aspects arising from and concerning the Preliminary Survey Report and Estimate now enclosed.

2. While I observe with regret that in your telegram under reference it is stated that as regards the section of the Uganda Extension between Turbo and the Uganda boundary a main contract tender will be called for in England, I desire again to call your attention to the views expressed in Kenya Confidential despatch No. 144 of the 10th June and repeated in my telegram No. 236 of the 31st July in which the departmental construction of the Uganda Extension was urged. This method is that advocated by my technical advisers and results from the experience gained during the construction

RIGHT HONOURABLE

J. H. THOMAS, P.C., M.P.
SECRETARY OF STATE FOR THE COLONIES,
DOWNING STREET,
LONDON, S. W.

Dated 9. 9. 1924.

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The E. & N. General Manager,
Uganda Railway,
Mai-obji.

PROGRESS REPORT
EXTENSION.

I forward herewith a report on the proposed Uganda and Kenya Railways prepared by Major J. S. Burns, the Surveyor.

I would like to say at the outset that I consider the Survey exceedingly well, and I am pleased in the field area. I think it is well within the scope of the work. Major Burns and his staff deserve great credit for their zeal and energy. Survey work, in my opinion, is the most difficult in thick bush country, which is thickly infested with mosquitoes. I believe every member of the staff deserves credit for particularly unpleasant type, and therefore, deserve very great credit.

The desire of the Secretary of State to have the survey sent to him at the earliest possible date was hurriedly, and the results obtained can only be regarded only as a good indication of the line and its approximate cost. Many sections of the line will require further investigation, and many changes can undoubtedly be effected, which will add less cost.

It is however, wish to hold up the report while further investigations are being made, as I am convinced that the public interest and will serve a useful purpose, and preliminary nature is fully recognised.

Such additional detailed investigation as are now being undertaken by the Survey Parties in the field, will determine the finally accepted line. The detailed report, which will result from these further surveys will be written out as carefully and completely as possible.

6. I now wish to summarize briefly the results obtained by Major Burns, and indicated where it is anticipated further savings can be effected. To do this, it will be convenient to deal with the line in its two geographical sections in Kenya and Uganda.

KENYA SECTION. Turbo-Malaba River (Uganda Boundary) 78.75 Miles.

This section is generally of an easy character, presenting no engineering difficulties in obtaining a 1% line compensated, with no curves sharper than 7°.

The heaviest part of the work lies between Turbo and Broderick Falls, though this cannot be considered difficult in any way. Beyond Broderick Falls the country opens out into easy rolling plains, extending almost up to the border, on the route selected.

- 4 -

be. Bearing this in mind, I will not attempt to analyse Major Burns figures in detail, I think, however, with reasonable luck, we should be able to reduce the cost per mile to £8,000, and shorten the line to say, 110 miles. This gives a total of £880,000, for the Uganda section.

We may say therefore that the cost of this section should be between £800,000, and £1,000,000. 130

SUMMARY. Summarizing the figures for Kenya and Uganda, we find the total cost of a line, approximately 185 miles long, between £1,200,000 and £1,500,000 - or between 140

PRESENT PROGRAMME. On completion of the original main line, the parties in the field were engaged in the preliminary survey of the Moala Branch and the survey in connection with a staking-out contract.

Staking out will commence as soon as possible and will be pushed on with all speed. The first-class surveyor's parties will be sent along the line as soon as possible. However, except where they will first obtain the services of the local surveyors, first-class and two-class surveyor teams will be engaged in the work. It will be even more difficult for carrying out the work.

We have, however, been fortunate in obtaining the services of Mr. A.G. Dempster, a well-known and experienced surveyor who is engaged on receiving and setting out the surveys. He has set about his task with great energy and enthusiasm.

It is anticipated that the surveyor's parties will commence construction in January 1915, and the line will be completed by June 1916.

The surveyor's parties will be assisted in their work by a number of local surveyors and by a party of engineers who will be engaged in the surveying and construction of the line.

3d - G.D. - RHODES.

Chichester

GENERAL DESCRIPTION OF THE COUNTRY
AND
ALIGNMENT OF HIGHWAYS

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ROUTE -

WILSON
MOUNTAIN
ROUTE
1914-15 SURVEY



The Moyo River, the boundary between the Broderick Falls and the country east only being crossed by Broderick Falls being the southern foothills of Mt. Elgon. The 1914-15 Survey ran very close to the Moyo River, where it crossed the boundary line in length and width, about 1900 feet, swinging South West along the south bank of the Moyo River, crossing the latter just above the Broderick Falls, the former running in a westerly direction at which point the Survey joined the 1914-15 Survey.

The reason a departure was made from the 1914-15 Survey are as follows:-

In the years that followed the first reconnaissance and the previous Survey, the Western Trans-Mojoia has become a developed Colonized Settled Area, also the lands lying towards the North of the Kipkarren River have been developed under similar conditions, the result being that the inhabitants of these areas should be considered as they will be one of the chief users of the proposed extension.

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The longest continuous suspended grade of 1% extends over a distance of -

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AMERICAN AIRLINES

LAWD.

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	MISSISSIPPI RIVER	MISSISSIPPI RIVER Mileage River 22 Miles	RIVER 70-75 Miles
	AMERICAN RIVER	AMERICAN RIVER Cost	AMERICAN RIVER Cost
RECEIVED (MILES) 1000.00 /	100.12 100.12		
Amherst Land	10. - 452.70 4,520		
RECEIVED (MILES) 1000.00 /	100.7 - 114.45 11,445	47.75 475	242.50 2425
Amherst Land	10. - 692.07 6,920	620.91 6209	101.90 1120
	Total Cost	26,265	12956
	Rate per mile	717	461

26.

THE BOSTON PUBLIC LIBRARIES

THE BOSTONIAN, BOSTON, MASS., NOVEMBER 1, 1861.

ESTATE BUILDINGS.

34 JOURNAL OF CLIMATE

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THE NAVY - THE AIR

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ENGINEERING AND INSTRUCTION.MALABA RIVER - MILES 111 SECTION.STONE.

This is plentiful throughout the route the line will take, and can be classed into two classes:-

- (1) Granite.
- (2) Ironstone.

The granite is good for all purposes, but will be difficult to dress on account of its hard nature. Ironstone is abundant, and will be easily worked.

SAND.

Sand suitable for construction purposes is abundant.

Two classes of sand are required for construction, permanent works and temporary quarters.

For permanent works

LABOUR.

The labour for the construction of the line will be recruited from various parts of the country, and will entail the establishment of a large number of stations.

POSSO.

Foodstuffs will be obtained from local markets, and maize will be grown.

STORES.

Hardware,弌tware, Stationery, Drapery, Gincery, and General stores will be supplied by the Basoga Company.

Sub-stores (cement and lime) should be located at Melizo and Musambatua, and stocked from Luinga and Tinge respectively.

SERVICE ROADS.

Service roads will only be necessary in a few instances, the chief one being from Bulange to the Mpologome.

MANUFACTURER - (COMPA)

WILMINGTON - March 12, 1921

16 feet, with
14 feet, with

BRIDGE

Section A
of F-plate
part 1 is L

TRAVELERS

200, 11
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MEMORIALS 167

~~RECORDED~~
~~SEARCHED~~
~~INDEXED~~
~~SERIALIZED~~
~~FILED~~

~~RECORDED~~ INDEXED
SEARCHED SERIALIZED FILED
FEB 1 1968
FBI - BOSTON

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one - all - of -
new - of -
Road crossing -
Railway standard have been adopted.

ENCRAY.

A Three Wire Line with Steel Posts have been allowed for in the vicinity of the White and Blue River. The estimated cost of the line will be \$10,000.00 per mile. The line will be built in the area the proposed railway route lies.

Complete installation of Piers tablet, instruments at all stations has been allowed for in the Estimate.

PARLIAMENT WAY.

Overleaf.

TURBO-MBULLAMUTIE EXTENSION

UGANDA RAILWAY.

MALAWI VILL - MRULAMWE SECTION

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STATION BUILDINGS.

MAY

THE BOSTON HANOVERIAN EXETERIAN.

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