

## WIRELESS TELEGRAPHY.

### No. 50.

The SUPERINTENDENT OF ELECTRIC LINES, Wellington, to the DE FOREST WIRELESS TELEGRAPHY COMPANY, Chicago, U.S.A.

GENTLEMEN,—

General Post Office, Wellington, 4th March, 1904.

The Department understands that you are prepared to supply apparatus for wireless telegraph signalling. Would you be so good as to furnish me with particulars of the apparatus required and estimates of its cost for reliably signalling over thirty or forty miles of sea with no intervening land; also over seventy or eighty miles, part of which would be a range of hills about 1,200 ft. high and ten or twelve miles across; the remainder would be sea. Masts, of course, would be provided here, but information as to height, &c., should be given.

I should be glad of any particulars in a general way as to the system, such as the rate of signalling, maximum distance that can be reached, apparatus required, and cost. It is assumed that you could furnish the necessary appliances without delay, and that such instructions would be given as would enable the Department's electricians to successfully instal the stations.

Requesting the favour of an early reply,

I have, &c.,

J. K. LOGAN,

Superintendent of Electric Lines.

The De Forest Wireless Telegraph Company, Chicago, U.S.A.

[Tel. 05/567.]

### No. 51.

The SUPERINTENDENT OF ELECTRIC LINES, Wellington, to the NATIONAL ELECTRIC SIGNALLING COMPANY, Washington, D.C.

SIR,—

General Post Office, Wellington, 4th March, 1904.

We have read in the electrical journals from time to time some accounts of "Fessenden's wireless telegraph system," and descriptions of some of the apparatus and methods adopted.

Your advertisement on page xxvi of the *Electrician* (London), of the 11th December, 1903, has just come under my notice.

I should be glad if you supply this Department with particulars of the apparatus required, and an estimate of the cost of the same for signalling a distance of forty or fifty miles over sea only, also for signalling seventy or eighty miles, included in which would be a range of hills 1200 ft. high and ten or twelve miles across. Any information generally in respect of distances that can be signalled over, with prices of apparatus, would be acceptable. Masts for aerial wires would be provided here, but particulars of their height would be required.

As you state sets can be supplied from stock or on short notice, it is assumed that if any were ordered they could be despatched immediately. We anticipate that you would furnish such instructions in connection with the apparatus and its installation as would enable the Department's electricians to bring it into successful operation.

An early reply will oblige

Yours, &c.,

J. K. LOGAN,

Superintendent of Electric Lines.

The National Electric Signalling Company, Washington, D.C.

### No. 52.

The Right Hon. the PRIME MINISTER to the AGENT-GENERAL.

SIR,—

Prime Minister's Office, 14th March, 1904.

I have the honour to acknowledge the receipt of your memorandum of the 9th January last [not printed], forwarding copy of a letter and pamphlet received from the Lodge-Muirhead Company [not printed] respecting their system of wireless telegraphy, together with Sir W. H. Preece's remarks thereon.

The Post and Telegraph Department here would be glad to receive detailed specifications of the Lodge-Muirhead system of wireless telegraphy, together with estimates as to the cost of plants necessary to instal the system, more especially of instruments sufficiently powerful to signal reliably (a) over a distance of thirty or forty miles with no intervening obstacles, and (b) over seventy or eighty miles with an intervening range of hills about 1,200 ft. high and ten or twelve miles through. If the installation were ordered it would not be necessary to send masts, as these could more conveniently be provided in the colony.

I have, &c.,

J. G. WARD,

For the Prime Minister.

The Hon. W. P. Reeves, Agent-General for New Zealand, London.