

We Send this Book Free On Request--Use the Coupon

YOU only need to look at the contents page of this book to see how complete and comprehensive it is. In all the

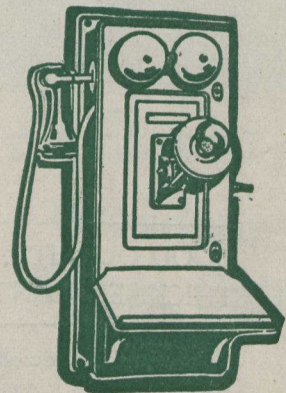
hundred pages between its hard, cloth-bound covers, there is not one single superfluous word—nothing but a carefully indexed mass of necessary information. There is no other book in existence that deals so thoroughly with every vital, essential fact—that so clearly tells the farmer

“How to Build Rural Telephone Lines”

When you get this book, read it over at least twice. You will need to do that to assimilate the information it contains. No matter in what phase of the work you are interested—whether you want to know about telephone company organization, whether you want to know about the actual construction of the line, whether you

want to know what other community-owned telephone companies have done, or whatever it is you do want to know, you will find the facts set forth in detail in this book. This volume has cost a lot of money and careful study to prepare, and we really ought to charge for it. As long as the edition lasts, however, we will send it **free**, but only to those who, by asking for it, signify that they are really interested.

Are **you** interested? If so, clip the coupon, fill in your name and address and mail it to us to-day.



CONTENTS

CHAPTER	PAGE
I.—Story of the Telephone—Invention—Early Experiments—Present Situation—Value to farmer—Comments of the Press	7-23
II.—Company Organization—Mutual and Stock Companies—Constitution and By-laws—Construction—Survey of Toll Lines	24-35
III.—Constructing the Line—Different Systems—Poles and fittings—Setting the Poles—Guying—Line Wire and Stringing—Splicing—Insulation	36-56
IV.—Installing the Instruments—Connecting to the Line—Protectors—Drop Wires Inside Wiring—Ground Wires—Batteries—How to use the Telephone—Signals	57-65
V.—Materials Required—For Main Line—For Each Telephone Station	66-68
VI.—The 1317 Type Telephone Set—New Features—Woodwork and Assembly—Transmitter—Receiver—Ringers and Gongs—Generator—Switch Hook—General—Specifications	69-78
VII.—Rules for Wires Crossing Railways—General Order of Canadian Board of Railway Commissioners—Dated Oct. 7th, 1909—Signed by Hon. J. P. Mabee, Chief Commissioner	79-93

COPYRIGHT 1911 BY NORTHERN ELECTRIC AND MANUFACTURING CO. LIMITED



240

The Northern Electric and Manufacturing Co. Limited

Gentlemen,—
Please send me **FREE**, one copy of your 100 page, bound and illustrated book on “How to Build Rural Telephone Lines.”

Name
Post Office
Province



THE Northern Electric AND MANUFACTURING CO. LIMITED

Manufacturer and supplier of all apparatus and equipment used in the construction, operation and maintenance of Telephone, Fire Alarm and Electric Railway Plants. Address our house nearest you

MONTREAL TORONTO WINNIPEG REGINA CALGARY VANCOUVER