

APPENDIX No. 1

For detailed prices and description, see pages 8 and 9, of 'Telephones in Farm Life.'

One mile, 30 poles per mile; including all poles, material and labour, bracket construction	\$74 81
Additional wire	17 50
Cross-arm construction	86 45
Materials for installing individual instruments, average..	1 00
Labour, average	0 78

For detailed prices and illustrated construction methods see pages 19 to 29, 'The Rural Telephone.'

CUT-IN STATIONS.

On heavily-loaded rural lines, an equal division is frequently made to reduce the amount of ringing. For this a cut-in station is used—a semblance of exchange.

They are screwed to the wall above or convenient to an ordinary type 'K' telephone. By the shifting of the key, either side of the line is connected with the cut-in station. With the key in a normal condition the two lines are connected. By the auxiliary ringer it is impossible to divide the line as to leave either side without a ringing terminus.

Cost, averaged, according to the winding of the ringer, governed by the number of instruments on the line, \$4.80.

SMALL EXCHANGES.

Like the rural post office, the rural telephone exchange is a centre, and located usually at a cross-road store. In place of the cumbersome wall cabinet exchanges, a switching station is now used, up to 20 lines. They are made of exactly the same material as our large switchboards, in 5, 10 and 20-line units, encased in enameled cast iron boxes and screwed to the wall convenient to an ordinary type 'K' telephone.

Frequently an auxiliary cord and plug equipment is installed with a switching station, provided with ringing keys (levers in front of each cord pair that throw ringing current to line), listening keys (levers that throw operators' receiver and transmitter to any line), clearing out drops (indicating when conversations are terminated), and night bell and switch, forming in every way a complete exchange.

COST OF SWITCHING STATION.

For 5 lines	\$19 98
For 10 lines	36 00
For 20 lines	67 50
Auxiliary plug and cord equipment	33 75

Detailed description in Bulletin 26.

DESK CABINET SWITCH-BOARDS.

Desk cabinet switch-boards are installed almost universally 100 line ultimate capacity with enough drops and jacks for immediate needs. The board is wired complete with all plugs, ringing and listening keys.

For detailed description see 'Modern Methods.'

Cost, 50 drops installed, wired complete with all cords, plugs and ringing and listening keys	\$ 227 50
Additional jacks in strips of 10	7 50
Additional drops in strips of 10	20 00
Labour installing, in strips of 10, both drops and jacks	2 50