Unit No.	No. of units	Unit price			Extended price
		Labor	Materials	Labor & materials	Extended price— labor & materials
M					

Total, Section M-

Section R-Right-of-Way Clearing Units

R1-10. The unit is 1,000 feet in length and 10 feet in width (to be measured on one side of the pole line) of actual clearing of rightof-way. This includes clearing of underbrush, tree removal, and such tree trimming as is required so that the right-of-way, except for tree stumps which shall not exceed in height, shall be clear from the ground up on one side of the line of poles carrying primary conductors of the width specified. This unit does not include clearing or trimming associated with secondaries or services which is included with conductor units. The segmental length of actual clearing shall be measured in a straight line parallel to the transmission centerline using the maximum dimension of foliage cleared and projected to the ground line. All trees and underbrush across this width of the right-ofway shall be considered to be grouped together as a single length in measuring the total length of clearing. Spaces along the right-of-way in which no trees are to be removed or trimmed or underbrush cleared shall be omitted from the total measurement. All length thus arrived at, added together and divided by 1,000, shall give the number of 1,000-foot R1–10 units of clearing. This unit includes the removal or topping, at the option of the Bidder, of danger trees outside of the right-of-way when so designated by the Engineer. (Danger trees are defined as dead or leaning trees which, in falling, will affect the operation of the line.) The Bidder shall not remove or trim shade, fruit, or ornamental trees unless so directed by the Engineer.

R1-20. This unit is identical with R1-10 except that the width is 20 feet (to be measured 10 feet on each side of the pole line).

R1–30. This unit is identical with R1–10 except that the width is 30 feet (to be measured 15 feet on each side of the pole line).

R1–40. This unit is identical with R1–10 except that width is 40 feet (to be measured 20 feet on each side of the pole line).

RC1–10, RC1–20, RC1–30, RC1–40. These units are identical to the respective R1 units except that chemical treatment of stumps is required in addition to the clearing of underbrush, tree removal and tree trimming.

Additional Requirements (When specifying R1 units denote type of disposal (A or B).)

A. Trees, brush, branches and refuse shall, without delay, be disposed of by one of the following methods as the Engineer will direct (Engineer to strike out methods not to be used):

1. Burned

2. Piled on one side of right-of-way

3. Roller chopped and left on right-of-way in such a manner as not to obstruct roads, ditches, drains, etc.

4. Other (describe) _

B. Trees that are felled shall be cut to commercial wood lengths, stacked neatly, and left on the right-of-way for the landowner. Commercial wood length means the length designated by the Engineer but in no case shall it be required to be less than

____ (____) feet. Brush, branches, and refuse shall, without delay, be disposed of by such of the following methods as the Engineer will direct (Engineer to strike out methods not to be used):

1. Burned

2. Piled on one side of right-of-way

3. Roller chopped and left on right-of-way in such a manner as not to obstruct roads, ditches, drains, etc.

4. Other (describe)

Unit No.	No. of units	Unit price			Extended price
		Labor	Materials	Labor & materials	Extended price— labor & materials
R					

Total, Section R-

Section UD—Underground Cable Assembly Units

An underground cable assembly unit consists of 1,000 feet of cable for underground primaries, secondaries or services. It does not include the conduit, plowing, trenching and backfilling, or the termination of the primary cable which are provided for in other assembly units. It includes the termination, connection and sealing of secondary and service cables and conductors as shown in the specifications and construction drawings, and all primary, secondary and service cable splices (buried cable may be spliced only when and where permitted by the Owner^{3,4}.) In computing the compensation to the Bidder for underground cable assembly units, only the distance between stakes, paralleling the cable shall be used. The number of units so computed will include all cable installed in

place in all specified trenches, risers, conduits, crossings, manholes, transformers, terminal housings and meter boxes.⁵ The conductor or cables listed are the manufacturer's designation of types, size, voltage rating and material. The Bidder and the Owner shall jointly perform cable acceptance tests on installed cable in accordance with the specifications using test equipment furnished by the _____. (Engineer to insert Owner or Bidder).

Unit No.	No. of units	Unit price			Extended price—
		Labor	Materials	Labor & materials	labor & materials
UD					

Total, Section UD_____

Section UG—Underground Transformer Assembly Units

An underground transformer assembly unit consists of the transformer, its housing,

warning sign, switches, over-current protective devices, grounding loop, and hardware and leads with their connectors and supporting insulators installed in place.

⁵ _____ Engineer check here if 12 feet of service conductor is to be left as a coil 3 feet from the building with ends capped instead of connection to meter box.

³ _____ Engineer check here if primary splices are permitted.
4 _____ Engineer check here if secondary and

service splices are permitted.