Unit No.	Unit labor price

Section J-Secondary Assembly Units

A secondary assembly unit consists of the installation of the hardware, insulators, etc., to support the secondary conductor or cable. It does not include the installation of the secondary conductor or cable, or of any hardware, insulators, etc., required to support service conductors or cable.

Unit No.	Unit labor price

Section K—Service Assembly Units

A service assembly unit consists of the installation of the hardware, insulators, etc. to support the service conductors or cable. It does not include the installation of the service conductor or cable, or of any hardware, insulators etc. required to support secondary conductors or cable.

Unit No.	Unit labor price

Section M-Miscellaneous Assembly Units

A miscellaneous assembly unit consists of the installation of an additional unit needed in the Project for new line construction but not otherwise listed in the Proposal. This section includes the installation of grounding assemblies, fuse cutouts, reclosers, sectionalizers, switches, capacitors, regulators, metering and other assembly units.

Unit No.	Unit labor price

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.

This unit does not include clearing or trimming associated with secondaries or services which is included with conductor units. The length of actual clearing shall be measured in a straight line parallel to the horizontal line between stakes and across the maximum dimension of foliage cleared projected to the ground line. All trees and underbrush across the width of the right-ofways as designated by the Owner 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 Contractor, of danger trees outside of the right-of-way when so designated by the Owner. (Danger trees are defined as dead or leaning trees which, in falling, will affect the operation of the line.)

The Contractor shall not remove or trim shade, fruit, or ornamental trees unless so directed by the Owner.

R1–20. This unit is identical with R1–10 except that 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 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 such of the following methods as the Owner will direct (Owner 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 Owner 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 Owner will direct (Owner 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.	Unit labor price

Section S—Substation Assembly Units

A substation assembly unit consists of the complete substation ready for connection of the line conductors, as shown on the substation drawings attached.

Unit No.	Unit labor price

Section UD—Underground Cable Assembly Units

An underground cable assembly unit consists of the installation of 1,000 feet of cable for underground primaries, secondaries or services. It does not include the plowing, trenching and backfilling, or the termination of the primary cable which are provided for in other assembly units. It includes the labor for the termination, connection and sealing of

secondary and service cables and conductors as shown in the specifications and construction drawings, and the labor for making all primary, secondary and service cable splices (buried cable may be spliced only when and where permitted by the Owner^{1,2}.) In computing the compensation to the Contractor for underground cable assembly units, only the distance between stakes, paralleling the cable shall be used. The number of units so computed includes all installation of cable in all specified trenches, risers, conduits, crossings, manholes, transformers, terminal housings and meter boxes 3. The conductor or cables listed are the manufacturer's designation of types, size, voltage rating and material. The Contractor and the Owner shall jointly perform cable acceptance tests on installed cable in accordance with the specifications using test equipment furnished by the (Owner to insert Owner or Contractor).

Unit No.	Unit labor price

Section UG—Underground Transformer Assembly Units

An underground transformer assembly unit consists of the installation of the transformer, its housing, warning sign, switches, overcurrent protective devices, grounding loop, and its hardware and leads with their connectors and supporting insulators. This unit also includes the installation of primary cable terminations but not of lightning arresters, fault indicators or ground rods, nor does it include any trenching. For pad-mount transformers, it does not include installation of the pad, drainable material, backfilling, compaction, or site preparation which are included in the pad assembly units. For submersible transformers it includes the installation of cable terminations, of the enclosure and cover, of drainable material (when specified ⁴) and the excavation.

Unit No.	Unit labor price

Section UK—Underground Secondary and Service Assembly Units

An underground secondary and service assembly unit consists of the installation of the secondary or service cable terminal housing. It includes the installation of the power pedestal, stake (when required), mounting hardware, warning sign, directional marker, housing identification marking, and the cable identification tags. It does not include the installation of the cable terminations, ground rod, or pad, when required.

¹ ____ Owner check here if primary splices are permitted.

² _____ Owner check here if secondary and service splices are permitted.

³ _____ Owner 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.

⁴ _____ Owner check here if drainable material is specified.