New Construction. Where the descriptions are not correct or sufficiently explicit, or when special units are not covered by Construction Drawings, descriptions have been provided by the Owner in the respective sections.

Work included in these sections shall be performed under a schedule of deenergization and operating procedures as set forth by the Owner at the time of release of any Section involving work on existing lines. The Contractor will so plan and perform its work that it will be possible to safely reenergize all lines involved at the expiration of the time limits set up in the schedule to resume service to all consumers being served prior to deenergization. Prior to commencement of work each day on lines to be deenergized, and upon completion of work each day on such lines, the Contractor will notify the Owner thereof in writing or in such other manner as the circumstances permit.

Section H-Conversion Assembly Units

Conversion assembly units are pole-top assemblies and cover the furnishing of all labor and additional materials for changing an existing assembly unit to a new assembly unit, utilizing certain items of materials of the existing assembly unit on poles to be left in place. Any materials removed from the existing assembly units which are not required in the construction of the conversion assembly unit are to be reused by the Contractor in the construction of other assembly units, or returned to Owner's warehouse, as directed by the Owner.

Conversion assembly units are specified by the prefix H with the new construction assembly unit designation shown first and the existing assembly unit designation shown last. For example, an H B1-A1 signifies the conversion of an existing A1 assembly unit to a B1 assembly unit (as was defined in the description of construction assembly units). In this instance the Contractor utilizes the existing pin-type insulator, single upset bolt and neutral spool and furnishes the additional crossarm, crossarm pins, braces, machine bolt, carriage bolts, lag screw, and insulator required for the new unit. The Contractor transports the pole-top pin and two machine bolts to the warehouse or uses them on the Project as directed by the Owner.

The Conversion assembly units also include the furnishing of all labor and materials in the transferring, resagging and retying of conductors from one position on the pole to a different position on the pole where such transfers are required. Where replacement of conductor is required, the existing conductor will be removed under Section I and the new conductor installed under Section N.

Where replacement of a pole is required, the existing pole and pole-top assembly will be removed under Section I and the new pole and pole-top assembly will be installed according to Section N and no H units will be involved.

Conversion assemblies are listed in three subsections for converting pole-top assemblies from single to V phase, single to three phase, and V to three phase. The following descriptions apply to only those conversion units not sufficiently explicit:



Subsection H (B–A)—1 Phase to V Phase

Unit No.	Unit price			
	Labor	Materials	Labor & materials	
Н				



Unit No.	Unit price			
	Labor	Materials	Labor & materials	
Н				

Subsection H (C-B)-V Phase to 3 Phase

Unit No.	Unit price			
	Labor	Materials	Labor & materials	
Н				

Section I-Removal Assembly Units

Removal assembly units cover the furnishing of all labor for the removal of existing units of construction from existing lines, disassembling into material items, and all labor and transportation for the returning of all materials to the warehouse of the Owner in an orderly manner or transporting elsewhere to the site of the Project for reuse in the prosecution of this Contract as directed by the Owner. All materials removed remain the property of the Owner. The provisions for Owner-Furnished materials in the Proposal shall apply if such materials are reused for construction of the Project.

The unit removal prices shall include all materials and labor required to reinstall in accordance with specifications any conductors temporarily detached. The Contractor will reinstall at his own expense any other units removed by him for his own convenience.

The removal units are specified by the prefix I and followed by the assembly unit designation of existing assembly unit to be removed. For example, an I–A1 signifies the removal of an A1 assembly unit. The following special notes apply to specific removal units:

a. Poles. All poles of the same height, regardless of pole class, are designated by the same unit. Thus an I–30-foot pole signifies the removal of a 30-foot pole of any class. The Contractor is not required under this unit to remove from the pole any ground wire or pole numbering attached to the pole. This unit includes the refilling and tamping of holes in a workmanlike manner unless they are to be reused.

b. Pole-top Assemblies. The unit of removal of pole-top assemblies includes, in addition to the removal of the assembly itself, any necessary handling, resagging, and retying of conductors in those cases where an existing pole-top assembly will be removed and replaced by a new pole-top assembly and where any existing conductor is to be reused.

The unit of removal of pole-top assemblies also includes any holding or handling of mainline or tap conductors at tap lines, angles, and deadends where such is involved, and the reinstalling of such conductor in accordance with the specifications; for example, an I-A5-4 will include the disconnection of the tap conductors, snubbing off the tap line at the nearest practical point and the reconnection and resagging of these tap conductors if necessary to the new tap assembly when installed. The new unit of construction, however, will be specified separately in Section N.

c. Conductor. The conductor removal unit covers the removal of 1,000 feet of conductor or cable and reeling or coiling it in a workmanlike manner in such a way that it can be reused by the Contractor or the Owner. The Owner will furnish to the Contractor reels if it is to be returned to the Owner's warehouse on reels. The removal unit for each size of conductor or cable is shown by the prefix I followed by D and the conductor or cable type; thus an I–D 6ACWC signifies the removal unit for 1,000 feet of 6 A Copperweld-copper conductor.

d. Guys. All guys regardless of length, type of attachment, or size of guy strand are specified by the same unit; thus an I–E signifies the removal of any guy.

e. Anchors. Only anchor rods are to be removed by the Contractor in anchor removal units. The anchors will be left in the ground; thus an I–F signifies the removal of any anchor rod. If the rod cannot be unscrewed, the end of the rod shall either be cut off or bent down so that the rod will be at least 18 inches below ground.

f. Transformers. The unit for removal of transformer assembly units is divided into two sections, (1) Conventional Transformer Assembly, and (2) Self-protected Transformer Assembly. Only one unit is specified for each type, and all sizes of transformers from 1 to 15 kVA within each group will be covered by the same unit. "Self-protected" refers to transformers where all protective equipment is mounted on or within the transformer. "Conventional" refers to transformers where protective equipment is mounted separately from the transformer. The unit is designated by the prefix I followed by the description of the unit to be removed; thus I–G

Conventional signifies the removal of a conventional transformer assembly for any size transformer from 1 to 15 kVA. g. Secondary Units. The unit for removal

g. Secondary Units. The unit for removal of secondary assemblies includes, in addition to the removal of the assembly itself, all necessary handling such as untying, resagging, and retying of secondary conductor or cables where existing secondary conductor or cable is to be reused. In addition, the unit for removal of the secondary assembly includes the handling or holding of any conductor at tap lines where such is involved, and the reinstalling of such tap conductor in accordance with the specifications.

h. Service Unit. The unit for removal of service assemblies includes, in addition to the removal of the assembly itself, all