

GREENVILLE UTILITIES COMMISSION

GREENVILLE, NORTH CAROLINA

ADDENDUM (1) FOR #19-12 RFB FOR 750 MCM UG PRIMARY CABLE

AND 4" ROLL PIPE SDR 11 CONDUIT

To: All Prospective Proposers and Others Concerned

Subject: Addendum No.1

The intent of this addendum is to notify all prospective proposers and others concerned that the Specifications and Documents are hereby modified as follows:

On page five (5) replace with: **750 MCM UG Primary Cable**, 15 kV Underground primary power cable for installation in duct or direct burial rated 90°C wet or dry consisting of the following components: Single #750 AWG 61 strand, **filled**, intermediate temper EC-1350 aluminum with an extruded compatible and strippable semi-conducting shield; 220 mil thickness of extruded thermosetting ethylene propylene rubber with a free-stripping semi-conducting insulation shield. Strand shield, insulation, and insulation shield to be applied in a continuous triple extrusion process; 15 helically applied #10 AWG bare copper neutral wires; outer 80 mil HMWPE/LDPE jacket to be identified with manufacturer's name, year of manufacture, size & type of conductor, thickness & type of insulation, sequential footage, and rated voltage. Jacket shall be extruded with 3 red stripes. Each reel shall indicate the beginning and ending footage. . Cable shall meet or exceed the latest editions of the following industry standards:

- AEIC CS8 Specification for Extruded Dielectric, Shielded Power Cables rated 5 through 46 kV.
- ICEA S-94-649 Standard for Concentric Neutral Cables Rated 5,000 – 46,000 Volts.
- ASTM B-230 Aluminum Wire, EC-H19 for Electrical Purposes
- ASTM B-231 Aluminum Conductors Concentric-lay-stranded
- ASTM B-609 Aluminum Wire. Annealed and Intermediate Tempers for electrical Purposes
- Complete Cable: partial discharge of less than 5pC to 50 kV ac or acceptable batch specific discharge immunity test.

The foregoing changes shall be incorporated in the Specifications and Documents.

Please acknowledge receipt of this addendum by e-mailing Cleve Haddock, CLGPO, Procurement Coordinator: haddocgc@guc.com (252) 551-1533