

# APPENDIX III

## Quotation Requirements

### Substation Wiring: Key Items for Effective Ordering

Please provide customer specification to Southwire if available.

### Substation Wiring Types:

- Multi-conductor Control Cables
- Instrumentation Cables
- Switchboard (SIS) Cables
- Machine Tool Wiring (MTW) Cables

### Strand

- Copper – Tinned or uncoated
- Class B, C, & K (info usually on specs)

### Insulation

- PE/PVC
- THHN
- XLPE or XHHW

### Insulation Options

- Flame Retardant
- UL

### Conductors

- Identification – Color Coding per ICEA Methods (or by customer specs)
- Number of conductors

### Shielding Options

- Helically applied CU or AL
- Longitudinal AL, with or without co-polymer coating
- Longitudinal Corrugated (LC) CU or AL

### Jacket

- Thermoplastic
- Thermoset
- PVC
- CPE
- LSZH (Low Smoke Zero Halogen)/Solonon®

### Jacket Options

- Flame Retardant, Sunlight, Oil, Chemical and Heat Resistant
- UL

### Cable Options

- Drain Wire
- Binders/ Fillers (Flame Retardant optional)
- Rip Cords – Nylon or Kevlar

*\*Please note: Not all combinations of above items can be manufactured. Please review product data sheets for available offerings.*