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| <u>ITEM 670.70000325 -</u> | <u>SINGLE CONDUCTOR CABLE NO. 3 AWG THWN 600V</u> |
| <u>ITEM 670.70001025 -</u> | <u>SINGLE CONDUCTOR CABLE 250 MCM THWN 600V</u> |
| <u>ITEM 670.70001225 -</u> | <u>SINGLE CONDUCTOR CABLE 300 MCM THWN 600V</u> |
| <u>ITEM 670.70010225 -</u> | <u>SINGLE CONDUCTOR CABLE NO. 3/0 AWG THWN 600V</u> |
| <u>ITEM 670.70010425 -</u> | <u>SINGLE CONDUCTOR CABLE NO. 2/0 AWG THWN 600V</u> |
| <u>ITEM 670.70014425 -</u> | <u>SINGLE CONDUCTOR CABLE NO. 6 AWG THWN 600V</u> |
| <u>ITEM 670.70016025 -</u> | <u>SINGLE CONDUCTOR CABLE NO. 10 AWG THWN 600V</u> |
| <u>ITEM 670.75000825 -</u> | <u>GROUND WIRE 1/C NO. 2/0 AWG THWN 600V</u> |
| <u>ITEM 670.75010625 -</u> | <u>GROUND WIRE 1/C NO. 1 AWG THWN 600V</u> |
| <u>ITEM 670.75010825 -</u> | <u>GROUND WIRE 1/C NO. 2 AWG THWN 600V</u> |
| <u>ITEM 670.7502--25 -</u> | <u>GROUND WIRE 1/C NO. 8 AWG THWN 600V</u> |
| <u>ITEM 670.7503--25 -</u> | <u>GROUND WIRE 1/C NO. 10 AWG THWN 600V</u> |
| <u>ITEM 670.75031025 -</u> | <u>GROUND WIRE 1/C NO. 3 AWG THWN 600V</u> |
| <u>ITEM 670.7514--25 -</u> | <u>GROUND WIRE 1/C NO. 4 AWG THWN 600V</u> |
| <u>ITEM 670.75140125 -</u> | <u>GROUND WIRE 1/C NO. 4 AWG BARE</u> |
| <u>ITEM 670.75060125 -</u> | <u>GROUND WIRE 1/C NO. 6 AWG THWN 600V</u> |
| <u>ITEM 670.75070125 -</u> | <u>GROUND WIRE 1/C NO 1/0 AWG THWN 600V</u> |
| <u>ITEM 670.75080125 -</u> | <u>GROUND WIRE 1/C NO. 2/0 AWG THWN 600V</u> |
| <u>ITEM 670.75090125 -</u> | <u>GROUND WIRE 1/C NO. 3/0 AWG THWN 600V</u> |
| <u>ITEM 670.75100125 -</u> | <u>GROUND WIRE 1/C NO. 4/0 AWG THWN 600V</u> |

1. DESCRIPTION:

- 1.01 This work shall consist of furnishing and installing electrical wire in accordance with the plans and specifications or as directed by the Engineer.

2. MATERIALS:

- 2.01 **Single Conductor Cable** - shall meet all the requirements of Subsection 723-70 Multiple Lighting Wire except that the wire shall be "**THWN**" or "**XHHW**" as noted in the item description.
- 2.02 **Ground Wire** - shall meet the requirements of Subsection 723-75, Ground Wire, except that the wire type shall be "THWN". If insulated, color shall be green.
- 2.03 **Miscellaneous Wiring Devices** - shall meet the requirements of Subsection 670-2, first paragraph.

3. CONSTRUCTION DETAILS:

- 3.01 The provisions of Subsection 670-3 shall apply, except that maximum ground resistance shall be 10 ohms.

4. METHOD OF MEASUREMENT:

- 4.01 The provisions of Subsection 670-4.10 and 670-4.11 shall apply.

5. BASIS OF PAYMENT:

- 5.01 The provisions of Subsection 670-5.11 and 670-5.12 shall apply as appropriate.