

- K. The Contractor shall provide adequate distribution equipment, wiring, and outlets to provide single-phase branch circuits for power and lighting.
- L. Temporary equipment and wiring for power and lighting shall be in accordance with the applicable provisions of ADWEA and governing codes. Temporary wiring shall be maintained in a safe manner and utilized so as not to constitute a hazard to persons or property.
- M. At the completion of the Work, or at such times as the Engineer may direct, remove all temporary electrical installations and equipment and replace all worn or damaged parts of the permanent systems, leaving such systems in first-class condition equal to new.

### **17.1.3 Temporary Lighting for Maintenance Purposes**

- A. The Contractor shall provide and maintain a temporary lighting system as required throughout the Works and to satisfy the minimum requirements of visibility, safety, security and to the satisfaction of the Engineer, and adequate for emergency personnel.
- B. The Contractor shall provide branch wiring from power source to distribution boxes with lighting conductors, pigtails, and lamps as required.
- C. The Contractor shall maintain lighting and provide routine repairs.
- D. Permanent building lighting may be utilized.

### **17.1.4 Temporary Heating**

- A. The Contractor shall provide and pay for heating devices and heat as needed to maintain specified conditions for operations and storage.
- B. Prior to operation of permanent equipment for temporary heating purposes, the Contractor shall verify that installation is approved for operation, equipment is lubricated and filters are in place. The Contractor shall provide and pay for operation, maintenance, and regular replacement of filters and worn or consumed parts.
- C. The Contractor shall maintain minimum ambient temperature of 10°C in areas where construction is in progress, unless indicated otherwise in specifications.

### **17.1.5 Temporary Cooling**

- A. The Contractor shall provide and pay for cooling devices and cooling as needed to maintain specified conditions for operations and storage.