

**Part 1            General**

**1.1                SCOPE**

- .1        The scope of this section includes the supply, delivery and installation of a portable fire extinguisher.
- .2        Include all accessories required to ensure the supplied equipment is mounted and safely and satisfactorily operates as required by the Bid Opportunity.

**1.2                REFERENCES**

- .1        American National Standards Institute (ANSI)
  - .1        ANSI/NFPA 10-2010, Portable Fire Extinguishers.
- .2        Underwriters' Laboratories of Canada (ULC)
  - .1        CAN/ULC-S508-2002 (R2007), Rating and Fire Testing of Fire Extinguishers and Class "D" Extinguishing Media.

**1.3                ACTION AND INFORMATIONAL SUBMITTALS**

- .1        Product Data:
  - .1        Submit manufacturer's printed product literature and datasheet and include product characteristics, performance criteria, physical size, finish and limitations.
  - .2        Submit two (2) copies of the fire extinguisher WHMIS/MSDS - Material Safety Data Sheets.
- .2        Provide shop drawings.
- .3        Quality control submittals: submit the following:
  - .1        Manufacturer's Instructions: submit manufacturer's installation instructions, special handling criteria, and cleaning procedures.
- .4        Closeout Submittals:
  - .1        Provide operation and maintenance data for incorporation into the O&M Manual.

**1.4                DELIVERY, STORAGE AND HANDLING**

- .1        Packing, shipping, handling and unloading:
  - .1        Deliver, store and handle materials in accordance with the manufacturer's written instructions.

**Part 2            Products**

**2.1                MULTI-PURPOSE DRY CHEMICAL EXTINGUISHERS**

- .1        Stored pressure rechargeable type with hose and shut-off nozzle, ULC labelled for A, B and C class protection.
  - .1        Size 4.5 kg.

**2.2            EXTINGUISHER BRACKETS**

- .1            Type recommended by extinguisher manufacturer.

**2.3            IDENTIFICATION**

- .1            Identify extinguishers in accordance with recommendations of ANSI/NFPA 10.
- .2            Attach tag or label to extinguishers, indicating month and year of installation. Provide space for service dates.

**Part 3           Execution**

**3.1            MANUFACTURER'S INSTRUCTIONS**

- .1            Compliance: comply with manufacturer's written recommendations, including product technical bulletins, handling, storage and installation instructions, and datasheets.

**3.2            INSTALLATION**

- .1            Install or mount extinguisher on brackets as indicated in accordance with NFPA 10.

**END OF SECTION**