**SECTION 1.3**

**TECHNICAL SPECIFICATION FOR “APPROVED EQUAL”**

Contractor wishing to propose an alternative item in lieu of any item as specified in the contract document shall provide appropriate submittal to Owner for review and approval. An alternative material proposed by the Contractor may be considered as “an approved” under the following criteria:

1. The material has physical characteristics substantially similar to the existing approved material. These physical characteristics include but are not limited to:
   * Size and shape (where appropriate)
   * Thickness (where appropriate)
   * Compressive Strength (as good or better)
   * Tensile Strength (as good or better)
   * Shear/Strain (as good or better)
   * Cohesiveness
   * Other properties as defined by the use of the product

**And**

1. All applicable ASTM/AWWA/NSF Standards are met (and can be verified by certified independent laboratories located within the United States or Canada).

**And**

1. The material has the same or better long term maintenance requirements as the existing approved product.

**And**

1. DWU Operations groups can maintain the proposed product with existing equipment and processes. No new special equipment or additional purchases are needed.

All request for “Approved Equal” must be sent through Owner and include the necessary product information as outlined in Section 1.2 Technical Specification for Submittals. The Owner must provide a written confirmation that the requested material in “Approve Equal” before the Contractor has the authorization to use it in the project.

**\*\*END OF SECTION\*\***