Please refer to PART 1: VORTEX GENERAL CLAUSES for all Play Product construction and installation information.

1. Play Product Specifications:
   1. Play Product Structure:The Oak Tree, VOR 8493, shall be constructed of 304/304L stainless steel structural tubing with an outside diameter of 4½" (11.4cm) and a wall thickness of .237" (6mm) for the trunk. The branches shall be constructed in different sizes of piping, it could be 2" pipe or 3" pipe. There shall be one (1) dumping bucket mounted on the first branch using a tamper-resistant stainless steel shaft. The bucket shall be constructed of high density fiberglass, and include an integrated non-visible counterweight system. The counterweight system and selectable mounting orientation will determine the bucket’s main dumping direction. Five (5) nozzles are inserts in the bottom part of along the trunk. All nozzles are to be flush with the surface to eliminate finger entrapment and protrusion hazards. The leaves shall consist of rounded SEEFLOW™ Polymer panel fastened to the branches with tamper resistant hardware. The SAFESWAP™ anchoring and leveling system shall be used.
   2. Overall play product dimensions: It shall have an overall height of 199" (505cm) a width of 14" (36 cm) and a length of 95" (241 cm). The feature has a maximum of head clearance of 105" (268cm)
   3. Play Product Interactivity: The users can enjoy the misty of the trunk and the Dumping Bucket shall create visual interest and build anticipation as the bucket fills and then dumps water in the immediate area.
   4. Hydraulic Activity/Components: All nozzle™ on the trunk shall produce a mist effect. The dumping jaw assembly shall be filled with water by an integrated water spout, and shall be counterbalanced by an adjustable system to control the frequency and volume of water dumped. The volume of water dumped shall be no less than ¾ of a US gallon (2.84 litres) and no greater than 1½ US gallons (5.68 litres). An incorporated drain pilot hole shall prevent the accumulation of stagnant water during non-operational hours.
   5. Hydraulic Requirements: The hydraulic requirements shall be 8-15 gpm (30-57 lpm) @ 10-25 psi (0.7 – 1.7 bar).